Manual for
MATERIALS INSPECTION
Manual for Materials Inspection

Prepared and Published by
Illinois Department of Transportation
Central Bureau of Materials

Springfield, Illinois

May 31, 2021
The Manual for Materials Inspection is reviewed during use for adequacy and updated as necessary by the Central Bureau of Materials. The approval process for changes to this manual is conducted in accordance with the procedures outlined in the Illinois Department of Transportation’s, Document Management Standards Manual.

**Electronic**

Portable Document Format (PDF) has been selected as the primary distribution format. The official version of the manual is available on the Illinois Department of Transportation website and the Bureau of Research Information Resource Center site on InsideIDOT.

**Hard Copy**

This manual is no longer distributed in hard copy format. Users who choose to print a copy of the manual are responsible for ensuring use of the most current version.

**Archive Copies**

Archive versions of this manual are available to examine by contacting DOT.PolicyResearchCenter@illinois.gov.

<table>
<thead>
<tr>
<th>Date Revised</th>
<th>Description of Change</th>
<th>Authorized By</th>
</tr>
</thead>
</table>
| 05/31/2021   | Updated hyperlinks throughout document.  
              Updated Part 1 with new sections and updated spec references  
              Updated Part 2 listing with multiple material code changes, additions, and deletions. | Brian Pfeifer |
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Part 1 — Material Groups and Acceptance Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material Group</strong></td>
</tr>
<tr>
<td>001 Aggregates</td>
</tr>
<tr>
<td>100 Bituminous Materials</td>
</tr>
<tr>
<td>175 Hot-Mix Asphalt (HMA) Mixtures</td>
</tr>
<tr>
<td>200 Castings (Frames, Grates &amp; Lids)</td>
</tr>
<tr>
<td>215 Portland Cement Concrete</td>
</tr>
<tr>
<td>250 Concrete Masonry Units and Miscellaneous Precast</td>
</tr>
<tr>
<td>275 Prestressed &amp; Post-Tensioned PCC Bridge Beams</td>
</tr>
<tr>
<td>300 Electrical Cable &amp; Conduit</td>
</tr>
<tr>
<td>330 Light &amp; Signal Components</td>
</tr>
<tr>
<td>350 Lumber &amp; Timber Products</td>
</tr>
<tr>
<td>365 Piling</td>
</tr>
<tr>
<td>375 Portland Cement &amp; Other Cementitious Materials</td>
</tr>
<tr>
<td>380 Waterproofing</td>
</tr>
<tr>
<td>400 Paints &amp; Paint Materials</td>
</tr>
<tr>
<td>420 Chemicals</td>
</tr>
<tr>
<td>450 Corrugated Steel Pipe</td>
</tr>
<tr>
<td>475 Concrete Pipe &amp; Drain Tile</td>
</tr>
<tr>
<td>490 Plastic Products and Geotextiles</td>
</tr>
<tr>
<td>500 Clay Pipe &amp; Drain Tile</td>
</tr>
<tr>
<td>510 Cast Iron Pipe</td>
</tr>
<tr>
<td>520 Corrugated Aluminum Pipe</td>
</tr>
<tr>
<td>540 Bridge Rail</td>
</tr>
<tr>
<td>550 Guardrail</td>
</tr>
<tr>
<td>560 Landscape</td>
</tr>
<tr>
<td>575 Fencing</td>
</tr>
</tbody>
</table>
## TABLE OF CONTENTS

### Part 1 — Material Groups and Acceptance Requirements (cont.)

<table>
<thead>
<tr>
<th>Material Group</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 Signing</td>
<td>26</td>
</tr>
<tr>
<td>615 Joint Fillers &amp; Sealers &amp; Expansion Devices</td>
<td>26</td>
</tr>
<tr>
<td>625 Reinforcing Steel</td>
<td>27</td>
</tr>
<tr>
<td>650 Structural Steel</td>
<td>28</td>
</tr>
<tr>
<td>675 Miscellaneous Steel</td>
<td>28</td>
</tr>
<tr>
<td>650/675 Fasteners</td>
<td>28</td>
</tr>
<tr>
<td>700 Miscellaneous Materials (Bearing Pads, Pavement Markings, etc.)</td>
<td>29</td>
</tr>
<tr>
<td>775 Miscellaneous Metal Materials</td>
<td>30</td>
</tr>
<tr>
<td>800 Miscellaneous Maintenance Materials</td>
<td>31</td>
</tr>
</tbody>
</table>

### Appendices

- Appendix A1 Photographs of Corrugated Metal Pile (Material Groups 450 and 520) | 32
- Appendix B1 Photographs of Precast Products          | 37
- Appendix C1 Tubular Steel Rail Sampling Protocol    | 38

### Part 2 — Material Codes, Specifications, and Acceptance Methods

<table>
<thead>
<tr>
<th>Individual Material Code Information</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>41</td>
</tr>
</tbody>
</table>

### Appendices

- Appendix A2 Material Description Key               | 337  |
- Appendix B2 Container Key                          | 344  |
PREFACE

This manual attempts to address the needs of material inspectors in determining how materials or products are to be accepted (or rejected). If acceptance requires sampling, the frequency and size of the samples are detailed where appropriate. It is understood that where appropriate, preliminary samples shall be taken prior to a producer number being assigned.

The Department inspector, when connected to the Department’s computer network, may utilize the Tested Materials (Batches and Lots) Report on the Report2Web application. This report is designed to aid the inspector in determining which lot, batch, or heat numbers need to be sampled. It is also a good resource in checking the approval status of fasteners, paint, curing compounds, strands, etc.

There are many specification source documents that should be familiar to an inspector, such as the Illinois Department of Transportation (IDOT) Standard Specifications for Road and Bridge Construction, ASTM, AASHTO, IDOT manuals, and IDOT policy memoranda, to name a few. Many material specifications can be very complex. Knowing the specific details about the acceptance parameters of each material to be inspected is important. Copies of these specifications are usually available at each District Materials office but can also be found on the Internet. The following is a list of links to the Internet sites where these specifications can be found:

- Standard Specifications
- IDOT Special Provisions
- CBM Policy Memorandums
- CBM “M” Specs
- BDE Special Provisions
- Local Roads Special Provisions
- Highway Standards

For any other specification listed under the Spec Reference in Part 1, please contact the CBM contact person responsible for that particular material.

If an inspector can determine from visual observations, markings, or material certifications that a material does not meet the requirements of a specification, the product should be rejected at the sampling site. By so doing, the supplier can replace the material, or the contractor can find another supplier without the delay of sampling, shipping, testing, and reporting before replacing non-compliant material.

Division 1000 of the IDOT Standard Specifications for Road and Bridge Construction is the primary source for determining the appropriate specification for most materials. Inspectors should also become familiar with the following parts of the IDOT Standard Specifications as they are also quite useful:

1) Section 101. Definition of Terms
2) Appendix, Metric Information
3) Article 106.01 Source of Supply and Quality Requirements.

The materials used on the work shall meet all quality requirements of the contract. The Contractor shall notify the Engineer of the proposed sources of materials prior to delivery. At the option of the Engineer, materials may be approved at the source of supply before delivery is started. If it is found after trial that sources of supply for previously approved materials do not produce uniform and satisfactory products, or if the product from any source proves unacceptable at any time, the Contractor shall furnish acceptable materials from other sources.

All materials to be permanently incorporated in the work shall be new unless otherwise specifically prescribed in the contract documents.

All iron and steel products, which are to be incorporated into the work shall be domestically manufactured or produced and fabricated, unless an exception is expressly permitted under Federal and/or State law and written permission is given by the Department. The Contractor shall obtain from the iron or steel producer and/or
fabricator, in addition to the mill analysis, a certification that all iron or steel materials meet these domestic source requirements.

The application of all coatings, epoxy, galvanizing, painting, etc., to metal products shall be domestically applied.

One very important aspect in determining the correct specification for any given material is Article 105.05 of the IDOT Standard Specifications. It details the “hierarchy” of contract documents. Through this protocol, one specification serves to “overrule” another, e.g., a Contract Special Provision or a Plan Note may reference a different ASTM or AASHTO specification than that referenced by the Standard Specifications. Article 105.05 is reproduced here to emphasize the importance of the inspector knowing exactly what specification covers the material or product being inspected.

**105.05 Coordination of the Contract Documents.** The documents included in the contract are intended to be complementary and to describe a complete work. If the Department determines a conflict exists between the contract documents, the following hierarchy will be applied and the Contractor shall then complete the work according to the interpretation made by the Department.

<table>
<thead>
<tr>
<th>Hierarchy of the Contract Documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recurring Special Provisions</td>
</tr>
<tr>
<td>Supplemental Specifications</td>
</tr>
</tbody>
</table>

1/ Detail plans hold over Highway Standards.
2/ Calculated dimensions hold over scaled dimensions
3/ The Highway Standards indicated by the revision number listed in the Index of Highway Standards on the plans shall hold over Highway Standards listed anywhere else.

Inspectors also need to know how to take samples and where to send samples that are taken.

**Samples of Material –**

1. Sample(s) that will be used for acceptance or rejection of the material shall be taken by an approved representative of the Illinois Department of Transportation, unless otherwise specified.
2. The sample(s) shall be taken in accordance with the methods designated in Part II of this guide.
3. The Inspector/Engineer shall be given access to facilities that may be required by him/her to collect and forward the sample(s).
4. The Contractor shall not use the material(s) represented by the sample(s) until they have been found to meet the appropriate specification requirements.
5. The sample(s) shall be provided for without charge to the Department, unless otherwise described in the specification.
6. All sample(s) shall be of the correct size and sent to the Department in a properly marked approved container(s).

Part II of this manual provides detailed information for the inspector which will aid in determining the “Method of Acceptance” as well as sample sizes when necessary. IDOT inspectors can take samples of any material regardless of the method of acceptance at any time. CBM determines the method materials will be accepted from the following list:
<table>
<thead>
<tr>
<th>Method of Acceptance</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test</td>
<td>TEST</td>
</tr>
<tr>
<td>Qualified Product</td>
<td>QUAL</td>
</tr>
<tr>
<td>Manufacturers’ Certification</td>
<td>CERT or CRT</td>
</tr>
<tr>
<td>Visual</td>
<td>VIS</td>
</tr>
</tbody>
</table>

Visual inspection of all material prior to installation is implied.

The format for "Method of Acceptance" will vary according to the material being represented. You may see "VIS", "CERT", "QUAL", "TEST", "CERT and QUAL" or "QUAL TEST", etc. When you see “and” between the abbreviations, both methods of acceptance are required. If there is nothing between the two it is an implied “or.”

Example:
A706 epoxy coated reinforcement bar method of acceptance = QUAL and CERT. In this case the inspector needs to make sure both the steel mill and the epoxy coating plant are on the approved Internet list (qualified product) and must obtain the required mill certifications to ensure the material meets the Domestic Steel Act.

When the Method of Acceptance contains QUAL, the approved lists can be found here.

Note: When sampling steel products it is assumed that the inspecting district obtains the required step certifications ensuring that the material meets both the Federal Buy America Act and the Illinois Steel Products Procurement Act. This documentation is not required to be sent to CBM. However, if not forwarded to CBM with the samples, when audited, the inspecting district must provide this information to the auditors.

Shipment of Samples - All sample(s), accompanied by properly filled out paperwork shall be sent to the Illinois Department of Transportation, Central Bureau of Materials (CBM), 126 East Ash Street, Springfield, Illinois 62704-4766. The samples shall be marked to the attention of a representative of the responsible laboratory.
DEFINITIONS


AAN - American Association of Nurserymen
AAR - Association of American Railroads
AASHTO - American Association of State Highway and Transportation Officials
AC - Analytical Chemistry Laboratory
AG - Aggregate Laboratory
AISC - American Institute of Steel Construction
ANSI - American National Standards Institute
ARA - American Railway Association
AREA - American Railway Engineering Association
ASA - American Standards Association
ASLA - American Society of Landscape Architects
ASTM - American Society for Testing and Materials
AWG - American Wire Gauge
AWPA - American Wood Preservers Association
AWWA - American Water Works Association
AWS - American Welding Society
BBS - Bureau of Bridges and Structures
BB59 – BBS 59 – This Department form is a report of acceptance of fabrication of structural steel. The Bureau of Bridges and Structures usually perform this type of inspection and testing.
BC - Bituminous Chemistry Laboratory
BDE - Bureau of Design and Environment
BM - Bituminous Mixtures Laboratory
BOL – Bill of Lading - A shipping ticket that accompanies a product to the job site and which identifies the product, source, and lot
BWC - Bridge Welding Code
CBM – Central Bureau of Materials in Springfield (When seen as Evidence of Inspection, it refers to a letter from the Department authorizing usage of a specifically identified batch/lot/heat, etc. for a specific contract or producer/supplier.)
CERT – Manufacturer’s certification indicating compliance of material to specifications. Required Certification Documentation for Steel Products (step certification for steel is item 1, 2 and 3).
1) Steel Mill
   o Documentation from Steel Mill
     • Mill Certification
       ▪ Mill name and address
       ▪ Origin of steel
       ▪ Type & grade
       ▪ Heat number
       ▪ Date melted
       ▪ Date rolled
       ▪ Melted, made and manufactured in the USA
       ▪ Authorized signature
     Certify product to specifications
     ▪ Certified Mill Test Report

2) Coating Plant (if applicable)
   o Documentation from coating plant
     • Plant meets specification requirements
       ▪ Epoxy coater CRSI certified
     • Product coated in the USA
     • Product meets required specifications
   o Documentation from steel mill
   o Heat numbers listed on invoice

3) Fabricator (if applicable)
   o Documentation from fabricator
• Fabricated in the USA
• Product meets contract plans
  o Documentation from coating plant (if applicable)
  o Documentation from steel mill
  o Heat numbers listed on invoice

4) Iron Products (Gray or Ductile)
  o Letter of compliance containing the following:
    • Name & address
    • Type & description
    • Specification
    • Melted, made and manufactured in the USA
    • Signature

5) Required Certification Documentation for Landscape Materials
  o Letter of compliance containing the following:
    • Name & address
    • Material description
    • Specification
    • Signature

6) Required Certification Documentation for Conduit Materials
  o Catalog Cut Sheet if applicable
  o Product Data Sheet

CM - Cement Laboratory
CN - Concrete Laboratory
CRSI - Concrete Reinforcing Steel Institute
DPR - DAILY PLANT REPORTS - For HMA, reports generated that provide mixture test results and other production data. For non-QC/QA projects, Daily Plant Reports are the responsibility of the Inspector. For QC/QA projects, refer to the appropriate special provisions to determine responsibility for Daily Plant Reports. For example, for QC/QA for PCC, the Daily Plant Report is often only the form BMPR MI504 completed by the Producer, Contractor, etc. for aggregate gradations.

Domestic Steel Act – State & Federal Laws
  o Illinois Compiled Statutes
  o Federal Buy America Act
  Note: It is assumed that the inspecting district obtains the mill certification ensuring that the material meets both the Federal Buy America Act and the Illinois Steel Procurement Act. This documentation is not required to be sent to the CBM. However, if not forwarded to CBM with the samples, when audited, the inspecting district must provide this information to the auditors.

EPA - United States Environmental Protection Agency
FAA - Federal Aviation Administration
FCC - Federal Communications Commission
FHWA - Federal Highway Administration
FSS - Federal Specifications and Standards
GSA - General Services Administration
ICEA - Insulated Cable Engineers Association
IDOT - Illinois Department of Transportation
IEEE - Institute of Electrical and Electronics Engineers
IEMA - Illinois Emergency Management Agency
IEPA - Illinois Environmental Protection Agency
ILOK - Material is stamped by an IDOT Inspector with an “ILL OK” stamp indicating prior inspection and acceptance. An inspection tag may be used as Evidence of Materials Inspection and approval.

IMSA - International Municipal Signal Association
ISO - Insurance Services Organization
ITE - Institute of Transportation Engineers
ILOK – ILL OK STAMP - Material is stamped by an IDOT Inspector with an "ILL OK" stamp indicating prior inspection and acceptance. An inspection tag may be used as Evidence of Materials Inspection and approval. A Resident Engineer must make note of the stamp or collect the inspection tag to ensure proper documentation of material inspection.

LA15 - This Department form is a supplier’s certification indicating material is from approved stock. The form is sometimes used as a Bill of Lading to indicate prior approval. The form should include supplier, proper contract/job designation, material description, manufacturer, specific approved material (test ID number, lots, or batches), and quantity.

LIST – Material required to appear on a current list of IDOT approved products

MARK - A commercial label, tag, or other marking which indicates product specification compliance and/or an approved source/manufacturer. A Resident Engineer must make note of the label, tag, or other marking to ensure proper documentation of material inspection.

MISTIC – Materials Integrated System for Test Information and Communication

MOA - Method of Acceptance – Means of determining if material complies with specifications

MT - Metals Laboratory

MUTCD - Illinois Manual on Uniform Traffic Control Devices

NEC - National Electrical Code

NEMA - National Electrical Manufacturers Association

NESC - National Electrical Safety Code

NFPA - National Fire Protection Association

NRMCA - National Ready-Mix Concrete Association

QMP – Quality Management Programs (i.e. Pay for Performance, Quality Control for Performance and Quality Control/Qauality Assurance) inspection is required

QUAL – Material required to be manufactured by a qualified/certified producer

SAE - Society of Automotive Engineers

SL – Soils Laboratory

SSPC - Steel Structures Painting Council

Std Spec - IDOT Standard Specifications for Road and Bridge Construction

TEST – Testing required by IDOT CBM or District Bureau of Materials

TICK - A ticket from an approved source indicating Department material or aggregate gradation, job designation, purchaser, and weight (if applicable).

UL - Underwriters Laboratories

USASI - United States of America Standards Institute

USDA - United States Department of Agriculture

VIS – A visual examination for acceptance or rejection of material based on an assessment of its markings, physical dimensions, obvious defects or damage, and close conformity with contract specifications. A Resident Engineer must make note of the visual acceptance to ensure proper documentation of material inspection.

VISE - Same as VIS, but no RE memo or input into MISTIC is required. A Resident Engineer must make note of the visual acceptance to ensure proper documentation of material inspection.
PART 1
MATERIAL GROUPS AND ACCEPTANCE REQUIREMENTS

AGGREGATES – 001 (Responsible Location – AG)
(CBM Contact Person: Andrew Stolba 217-782-7086)
Acceptance is usually based on quality and gradation at the aggregate source.
- Specification References
  - Standard Specifications sections 1003, 1004, and 1005
  - Refer to IDOT’s Aggregate Quality Testing Criteria
  - Refer to IDOT’s Aggregate Freeze Thaw Criteria
  - CBM Policy Memorandum 10-08 Use of Non-Certified Aggregate Stockpiles Under the Aggregate Gradation Control System (AGCS)

BITUMINOUS MATERIAL – 100 (Responsible Location - BC)
(CBM Contact Person: William Clay Snyder 217-782-7217)

Performance Graded (PG) Asphalt Binders, Road Oils, and Cutback Asphalt
- Specification References
  - Standard Specifications section 1032
  - CBM Policy Memorandum 1-08 Performance Graded Asphalt Binder Acceptance Procedure
  - CBM Policy Memorandum 2-08 Cutback Asphalt and Road Oil Acceptance Procedure
  - IDOT M Specifications M19-07 Bituminous Mixture for Maintenance Use, Liquid Asphalt Type

Emulsified Asphalt
- Specification References
  - Standard Specifications sections 1032 and 1060
  - CBM Policy Memorandum 3-08 Emulsified Asphalt Acceptance Procedure
  - Local Roads Special Provision for Emulsified Asphalt LR1032-1
  - Local Roads Special Provision for Full-Depth Reclamation (FDR) with Emulsified Asphalt LR400-4
  - Local Roads Special Provision for Cold In-Place Recycling (CIR) with Emulsified Asphalt LR400-5
  - IDOT M Specifications M17-08 Bituminous Mixtures for Maintenance Use, Emulsified Asphalt Type

Note: When samples are obtained from storage tanks or lines with a sampling valve or spigot for the above materials, always draw and discard a minimum of one gallon to clean the line before collecting samples.

HOT-MIX ASPHALT (HMA) MIXTURES – 175 (Responsible Location – BM)
(CBM Contact Person: Brian Hill 217-558-1628)
Acceptance of HMA mixtures is accomplished by testing the HMA to verify compliance with requirements stated in the Standard Specifications and BDE Special Provisions.

PFP Projects
- Specification Reference
  - BDE Special Provision

QCP Projects
- Specification Reference
  - BDE Special Provision

QC/QA Projects
- Specification Reference
  - Standard Specifications section 1030

CASTINGS (FRAME, GRATES, & LIDS) – 200 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
Note: Domestic Steel Act applies.
Gray Iron & Ductile Iron Castings
Castings are accepted on the basis of manufacturers certification and a visual inspection for condition and contract compliance. Gray iron and ductile iron castings shall conform to the Standard Specifications and to the respective standards and specifications indicated in Part 2 (Material Codes, Specifications, and Acceptance Methods) herein. Basic inspection procedure for castings is summarized in the following articles.

Type, Size, and Number
Determine the type, size, and number of castings to be inspected. Usually you can get this information from the contract, plans, and Contractor's order.

Manufacturer's Certificate of Compliance
The inspector shall obtain a manufacturer's certificate of compliance.

Visual Inspection
Look at the casting to see that it is the right type (as compared to the appropriate drawing) and check physical dimensions by measurement to establish that it is the correct size.

Gray Iron Castings
The inspection of gray iron castings is primarily a visual inspection. The inspector should look for the casting to be free from cracks, fused-on sand, runners, risers, and other cast-on pieces. The casting should be relatively smooth. The tensile strength of gray iron is between 207 to 310 MPa (30-45 ksi).
Physical Dimensions - Checking the physical dimensions requires measuring the casting for substantial conformance to the Highway Standards drawing or the specified special drawing.
Weight of Casting - When adequate facilities are available, a random sampling (1 in 50) of the casting may be weighed.

- Specification References
  ➢ Standard Specifications sections 602, 604 and 1006
  ➢ Highway Standards

Ductile Iron Castings
The inspection of ductile iron castings should follow the procedure set forth for gray iron castings. Ductile iron has a higher strength and ductility than gray iron. The tensile strength ranges from 414 to 828 MPa (60-120 ksi). Ductile iron is allowed to be used primarily in the lids and grates.
Physical Dimensions - Follow the procedure for gray iron castings.
Weight of Casting - Follow the procedure for gray iron castings.

- Specification References
  ➢ Standard Specifications sections 604, 1006 and 1088
  ➢ Contract Plans, Special Provision
  ➢ Highway Standards
  ➢ AASHTO M105, M306
  ➢ ASTM A47/47M, A536

PORTLAND CEMENT CONCRETE – 215 (Responsible Location – CN)
(CBM Contact Person: James Krstulovich 217-524-7269)

- Specification References
  ➢ Standard Specifications section 1020
  ➢ IDOT Special Provision Check Sheet 25 Quality Control/Quality Assurance of Concrete Mixtures
  ➢ IDOT Special Provision Check Sheet 24 Quality Control of Concrete Mixtures at the Plant

CONCRETE MASONRY UNITS & MISC PRECAST – 250 (Responsible Location – CN)
(CBM Contact Person: James Krstulovich 217-524-7269)
Note: Domestic Steel Act applies.

- Specification Reference
  ➢ CBM Policy Memorandum 19-08 Quality Control/Quality Assurance Program for Precast Concrete Products

- Defects and Rejections
  ➢ See Appendix B1
Precaution

Precast Bridge Beams

- Specification References
  - Standard Specifications section 504.05
  - CBM Policy Memorandum 19-08 Quality Control/Quality Assurance Program for Precast Concrete Products

PRESTRESSED & POST-TENSIONED PCC BRIDGE BEAMS – 275 (Responsible Location – CN)
(CBM Contact Person: James Krstulovich 217-524-7269)

- Specification References
  - Standard Specifications section 504.06
  - Manual for Fabrication of Precast Prestressed Concrete Products

ELECTRICAL CABLE & CONDUIT – 300 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)

Note: Domestic Steel Act applies.

Electrical Cable, Conduit and Fittings
Acceptance is based on visual examination at the jobsite or supplier location by district personnel. Electrical cable should be inspected on reel lots when possible. Conductor size should be measured by micrometer, and the number of conductors in stranded wire counted.

- Specification References
  - Standard Specifications sections 1066, 1076, 1077, 1079 and 1088
  - Contract Plans, Special Provision
  - Labeled with the proper NEMA markings
  - ASTM B3, B8, B33, B89
  - ANSI C80.1 and C80.5

Unit Duct
Cable shall be inspected by District personnel.

- Specification References
  - Standard Specifications sections 1066 and 1088
  - Special Provision
  - Labeled with the proper NEMA markings

Tether Wire and Span Wire
Tether wire and span wire shall be examined for a diameter and number of strands and for compliance with the Standard Specifications. Samples shall be taken and submitted to CBM for testing.

- Specification References
  - Standard Specifications sections 1076, 1077, and 1087
  - Highway Standards
  - ASTM A475

Electrical Systems
Electrical systems shall be in accordance with contract plans and special provisions. Acceptance of electrical systems is based on visual inspections.

LIGHT & SIGNAL COMPONENTS – 330 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)

Note: Domestic Steel Act applies.

Inspection Procedures
Above-ground light and signal components are included in this material group. Inspection standards and specification dimensions and tolerances for these components may be found in the Standard Specifications, contract plans, special provisions, and shop drawings. These materials can be measured, counted, and given a visual inspection by the District Materials inspectors, District Traffic personnel, or the District Construction personnel.

Light & Signal Posts, Poles, and Mast Assemblies
These materials should be inspected for conformance with shop drawings and specifications approved by the District Traffic section and/or District Electrical section. Special attention should be directed to welded and slip fit joints. Should a question arise concerning joints, the Bureau of Bridges & Structures can lend assistance. Galvanized products should be checked for minimum coating thickness with a thickness gauge.

- **Specification Reference**
  - Standard Specifications sections 1069, 1070, and 1077
  - ANSI 5.1
  - AWPA C4 and T1

**Service Installations**

Service installations may be inspected at the site of assembly or on the job site.

- **Specification Reference**
  - Standard Specifications section 1067, 1074, 1078 and 1086

**LUMBER & TIMBER PRODUCTS - 350** *(Responsible Location – MT)*

(CBM Contact Person: Michael Aldridge 217-558-2091)

The majority of lumber and timber products are accepted on the basis of visual inspections.

- **Specification References**
  - Standard Specifications sections 1007, 1069, 1077, 1086 and 1090
  - CBM Policy Memorandum 22-08 Inspection Procedures and Approved Inspection Agencies for Timber and Preservative-Treated Timber Products

**PILING – 365**

*Note: Domestic Steel Act applies.*

**Timber Piling** *(Responsible Location – MT)*

(CBM Contact Person: Michael Aldridge 217-558-2091)

Evidence of conformance to the specifications may consist of a green tag.

- **Specification References**
  - Standard Specifications section 512, 513 and 1007
  - CBM Policy Memorandum 22-08 Inspection Procedures and Approved Inspection Agencies for Timber and Preservative-Treated Timber Products

**Metal Piling** *(Responsible Location – MT)*

(CBM Contact Person: Michael Aldridge 217-558-2091)

The majority of steel for piling is taken on manufacturer certification. These materials can be measured, counted, and visually inspected by District Materials, Traffic, or Construction personnel. The primary aspect of inspection of metal shell, sheet, and H-beam piling revolves around visual inspection, determination of workmanship, and physical dimensions. It is the responsibility of the supplier or contractor to furnish a certification of the mill analysis for the proper heat numbers. The visual inspection should include determination of the following:

- Heat numbers which should be painted or stamped on each piece.
- The gauge of the material is to be determined with a micrometer; in the case of metal shell piling, it may be necessary to use a micrometer with the feeler tips milled down to a point.
- General appearance and condition of any welds such as on spirally welded metal shell piling.
- Physical dimensions.
- General surface condition.
- Condition of the channel locks on sheet piling.

The majority of steel for piling is taken on certification. However, when it is necessary to sample for tests, refer to Part 2 (Material Codes, Specifications, and Acceptance Methods) herein for sampling and acceptance procedures.

- **Specification Reference**
  - Standard Specifications sections 512 and 1006

**Metal Shoes** *(Responsible Location – MT)*
Majority of steel for metal shoes can be taken on certification. When specified, steel H-piles shall be fitted with pile points of the specified design.

- Specification References
  - Standard Specifications sections 512 and 1006
  - Contract Plans, Special Provision

**Precast Concrete Piling** (Responsible Location – CN)

(CBM Contact Person: James Krstulovich 217-524-7269)

- Specification References
  - Standard Specifications sections 504.05, 512.03 and 1042.04
  - CBM Policy Memorandum 19-08 Quality Control/Quality Assurance Program for Precast Concrete Products

**Precast Prestressed Concrete Piling** (Responsible Location – CN)

(CBM Contact Person: James Krstulovich 217-524-7269)

- Specification References
  - Standard Specifications sections 504.06 and 512.03
  - Manual for Fabrication of Precast Prestressed Concrete Products

**PORTLAND CEMENT & OTHER CEMENTITIOUS MATERIALS – 375** (Responsible Location – CM)

(CBM Contact Person: Brian Lokaitis 217-782-4028)

- Portland Cement
  - Specification References
    - Standard Specifications section 1001.01
    - CBM Policy Memorandum 17-08 Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants

- Fly Ash
  - Finely divided by-product that results from the combustion of ground or powdered coal.
  - Specification References
    - Standard Specifications section 1010.02
    - CBM Policy Memorandum 18-08 Acceptance Procedure for Finely Divided Minerals used in Concrete and Other Applications

- Slag – Ground Granulated Blast Furnace
  - Ground granulated blast furnace (GGBF) slag is a glassy granular material formed when molten blast furnace slag is rapidly chilled and then ground to a Portland cement fineness.
  - Specification References
    - Standard Specifications section 1010.05
    - CBM Policy Memorandum 18-08 Acceptance Procedure for Finely Divided Minerals used in Concrete and Other Applications

- Microsilica
  - Microsilica is an amorphous silica of high silica content and purity possessing high pozzolanic activity.
  - Specification References
    - Standard Specifications section 1010.03
    - CBM Policy Memorandum 18-08 Acceptance Procedure for Finely Divided Minerals used in Concrete and Other Applications

- High-Reactivity Metakaolin
  - High-reactivity metakaolin (HRM) is a reactive aluminosilicate pozzolan formed by calcining purified kaolinite at a specific temperature range.
  - Specification References
    - Standard Specifications section 1010.04
    - CBM Policy Memorandum 18-08 Acceptance Procedure for Finely Divided Minerals used in Concrete and Other Applications

**WATERPROOFING – 380** (Responsible Location – BC)

(CBM Contact Person: William Clay Snyder 217-782-7217)
Materials are confined to three systems: General Construction, Bridge Deck, and Reflective Crack Control.

- **Specification Reference**
  - Standard Specifications sections 1060, 1061, 1062 and 1063

**PAINTS & PAINT MATERIALS – 400** (Responsible Location – AC)
(CBM Contact Person: Anthony Wagner 217-782-7218)
Paints and raw materials are typically sampled at the paint manufacturer’s plant. As a general guide to sampling these materials, the inspector should refer to ASTM D3925M “Sampling Liquid Paints and Related Pigmented Coatings” and ASTM D268M “Sampling and Testing Volatile Solvents and Chemical Intermediates for Use in Paint and Related Coatings and Materials” or sampling techniques developed by CBM. Paints and raw materials are tested by CBM. A list of approved lots and batches is maintained by CBM and is used for acceptance. The batch and lot report can be found on the Report2Web and WebMISTIC.

**Finished Paint**
Finished paint can be sampled from either storage tanks prior to filling or during the filling operation. However, if the material has already been packaged, the inspector should then select two containers at random from each batch for sampling. Before drawing a sample, the contents of the container must be thoroughly mixed, making certain that any settled portion is fully dispersed. It is important to seal the sample container immediately with a tight cover to prevent the loss of volatile solvents. The inspection should also ensure that the containers are filled to the correct capacity, properly sealed, and labeled. The label should show the manufacturer, type of material, specification number, batch number, and date of manufacture.

- **Specification References**
  - Standard Specifications sections 1008 and 1095
  - IDOT M Specifications
  - Federal Specifications
  - ASTM Specifications
  - SSPC Specifications
  - Special Provisions

**CHEMICALS – 420**
Inspection usually involves sampling and submitting to CBM for testing. However, for materials such as concrete admixtures, the CBM maintains a current list of approved products that can be accepted.

**Concrete Admixtures** (Responsible Location – CN)
(CBM Contact Person: Melinda Winkelman 217-782-0117)
Includes air entraining, water reducing, retarding, and accelerating chemicals.

- **Specification Reference**
  - Standard Specifications section 1021

**Rejuvenating Agents** (Responsible Location – BC)
(CBM Contact Person: William Clay Snyder 217-782-7217)

- **Specification Reference**
  - Local Roads Special Provision for Hot In-Place Recycling (HIR) – Surface Recycling LR 400-3

**Miscellaneous Chemicals** (Responsible Location – AC)
(CBM Contact Person: Anthony Wagner 217-782-7218)
Material includes water and protective coat. If the water is acceptable for drinking according to the Department of Public Health, a sample need not be taken.

- **Specification References**
  - Standard Specifications sections 1002 and 1023
  - AASHTO T26, M233
  - ASTM D235M

**Chemical Adhesives** (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
Preliminary samples of chemical adhesives are tested by CBM for approval. These materials shall be tested according to the Standard Specifications. A list of approved adhesives is supplied. Adhesives on the list may be accepted for the use indicated without further sampling. Special attention should be paid to proper mixing.

- **Specification References**
  - Standard Specifications section 1027
  - Special Provisions
Epoxy Resins (Responsible Location – CN)
(CBM Contact Person: Melinda Winkelman 217-782-0117)
Epoxy resins are accepted on the manufacturer's certificate of compliance to ASTM C881. The inspector shall verify that the type, grade, and class are being used for the appropriate application.

- Specification Reference
  - Standard Specifications sections 590 and 1025

Corrugated Steel Pipe – 450 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
The majority of steel for corrugated steel pipe is taken on manufacturer certification. These materials can be measured, counted and visually inspected by District Materials and Construction personnel.

Note: Domestic Steel Act applies.

Inspection Procedures
The base metal for products included in this material group is sheet steel or structural plate which has subsequently been treated with a metallic coating consisting of either a zinc or an aluminum alloy. Precoated and bituminous-coated items have also been listed since, in addition to a metallic coating, the base metal may be further protected, and its life cycle extended by the application of either a polymeric or bituminous coating material. The inspection process must therefore include the base metal, its metallic coating, and any additional coating material that may be required. Inspection standards for the production, fabrication, and subsequent acceptance of corrugated steel pipe, structural plate, and related accessories are covered in the applicable sections of the Standard Specifications, AASHTO and ASTM specifications, and the contract plans and/or special provisions.

Acceptance
The inspection can take place at the production site or the job site. Pipe inspected at the production site should be stamped with the Inspector’s “ILL OK” stamp or accompanied by an LA-15.

Corrugated Steel Pipe
The inspector shall be furnished an itemized list indicating the sizes, lengths, gauges, coating, special treatments when required, and accessories for all products that are requested to be inspected. The products must be easily accessible so that a complete visual and dimensional examination can be made. The following items are specific areas that the inspector should check during the inspection process and compare with the appropriate references.

Marking
An identification stamp shall be every 0.6 to 1.5 to 2 meters (2 to 5 ft.) on sheet in coils or cut lengths and on each metal plate. Mixing of brands of the same base metal with the same coating thickness is permitted for galvanized corrugated steel culvert pipe.

Dimensions
Check for compliance with appropriate tolerances described below.

Thickness
Flat sheet material shall be measured at any point not less than 9 mm (3/8 in.) from an edge. Corrugated products are to be measured on the tangents of the corrugations. Assure gauge of metal conforms to the type requirements for pipe size and gauge in the Standard Specifications.

Diameter
Diameter shall be measured on the inside crest of the corrugations. Annular pipe diameters may, as an alternate, be measured in the valley of the outside circumference. This does not apply to helical pipe. Circular pipe and reformed pipe arch tolerances are based on nominal diameters. Tolerances for plate pipe are governed by both the equivalent diameter and corrugation size.

Length
Length is measured as the net length of the finished product. Average length deficiency for pipe shipment shall not exceed one (1) percent of lineal meter ordered.

Corrugations
Corrugations shall form smooth, continuous curves and tangents and may be either annular, spiral, or a combination of both. IDOT Standard Specifications denote the corrugation sizes permitted for a specific diameter and type of pipe. The depth, pitch, and spacing of the corrugations should be checked along with the subsequent minimum lap width requirement of the finished product.

Rivets
The location, size, and number of rivets for corrugation of the longitudinal seam are based on the sheet thickness, corrugation size, and the diameter of the pipe. Circumferential seam rivets shall be of the same size as for longitudinal seams with a maximum 150 mm (6 in.) spacing, except that only 6 rivets will be required for 300 mm (12 in.) diameter pipe.

Spot Weld
The location, size, and number of spot welds substantially comply with the rivet requirements.

Lock or Welded Seams
For helically corrugated pipe, seams shall be continuous from end to end of each pipe length.

Metallic Coating
The weight of coating is the total amount on both surfaces of the sheet expressed in grams per square meter (g/m²) (oz./sq. ft). A magnetic type gauge can be used to check the weight of zinc coating. All coating shall adhere to the base metal such that no peeling occurs while the material is being corrugated and formed into the final product. Products having either bruised, scaled, broken, hair-checked, or blistered coating or having "white rust" (zinc oxide) shall be rejected. See Appendix A1 herein. Bituminous-coated or paved products shall be checked for proper thickness areas.

Workmanship
The completed products shall show careful, finished workmanship in all particulars. Following are some defects that indicate poor workmanship, and the presence of any or all of them in any individual item or generally in any shipment shall be sufficient cause for rejection.

- variation from a straight center line
- elliptical shape in pipe intended to be round
- dents or bends in the metal
- metallic coating which has been bruised, broken, or otherwise damaged
- lack of rigidity
- illegible markings on the steel sheet
- ragged or diagonally sheared edges
- uneven laps in riveted or spot-welded pipe
- loose, unevenly lined, or unevenly spaced rivets
- defective spot welds or continuous welds
- loosely formed lock seams

- Specification References
  ➢ Standard Specification sections 1006

Miscellaneous
Coupling Bands
Coupling bands shall be of the same metallic material as the pipes being connected. Specifications require that the bands shall provide sufficient strength to preserve alignment and prevent pipe separation or soil infiltration. The band may be 3 sheet thicknesses lighter than that used to fabricate the pipe but not less than 1.32 mm (0.052 in.) thick. The widths and configurations for bands will vary for different diameters of pipes and for different styles or depths of corrugations. Neither bituminous coating nor precoating will be required for connecting bands except when used in conjunction with either precoated fully lined pipe or arches; the bands shall then be precoated and be of the hugger or annular type.

Perforations
Perforations shall be approximately circular and clean cut, have a nominal diameter in accordance with the Standard Specifications and be arranged in rows parallel to the axis of the pipe. Perforations shall be located on the inside crest or along the neutral axis of the corrugations. The rows of perforations and their locations are based on the diameter of the pipe as specified by the current AASHTO specification.
End Finish
A reinforced end finish is not required on inlets nor outlets of corrugated steel pipe; however, when specified, it shall be finished in a satisfactory manner. Cut ends on helically corrugated pipe must be painted with zinc-rich paint.

Specialty Items
Special pipe, perforated casings for stone wells, flumes, and pipe requiring a diameter not covered in the specifications shall meet the requirements of the plans or special provisions. The plans or special provisions governing these special items should be furnished to the fabricator in order that the product can be properly constructed and subsequently inspected. Tees, angles, elbows, etc., should be fabricated by welding not by riveting. An approved coating shall be applied after welding. Pipe having a diameter not covered in the specifications shall be of the same gauge and have the same lap as pipe of the nearest diameter in the specifications. If the diameter should be the same number of inches between diameters given in the specifications, the pipe should be fabricated in accordance with the larger diameter.

Handling
The field inspection made by the Engineer shall include an examination of detrimental defects of broken, peeled, and otherwise damaged coating caused by carelessness in handling. Proper care shall be exercised in loading, transporting, unloading, and delivering the finished product to the construction site and in its placement. When nesting or loading, boards or other suitable material running the full length of the product shall be used to prevent metal from rubbing or resting against metal and to prevent damage to the pipe. Special care shall be exercised in preventing rivets or bolts from scratching the adjacent product. Chains or metal cables used in binding the load and unloading shall be encased to prevent damage, or suitable material shall be fastened securely between the product and chains or cable. Wood skids or other approved devices shall be used in loading and unloading. Metal lever bars will not be permitted in loading and unloading. Dragging the product across rocky ground or dragging in such manner as to cause gouging or removal of the coating will not be permitted.

- Specification References
  - Standard Specifications sections 542, 543, 601 and 1006
  - AASHTO M36, M167, M190, M245, M246

CONCRETE PIPE & DRAIN TILE – 475 (Responsible Location – CN)
(CBM Contact Person: James Krstulovich 217-524-7269)
Note: Domestic Steel Act applies.

- Specification References
  - Standard Specifications section 1042.06
  - CBM Policy Memorandum 19-08 Quality Control/Quality Assurance Program for Precast Concrete Products

- Defects and Rejection
  - See Appendix B1

PLASTIC PRODUCTS AND GEOTEXTILES – 490 (Responsible Location – MT)
Plastic Pipe
(CBM Contact Person: Michael Aldridge 217-558-2091)
Plastic products covered in this material group encompass a wide variety of materials made of synthetic or semi-synthetic organic compounds. These compounds are united through a process called "polymerization." The material can subsequently be molded, extruded, or cast into various shapes and forms, or drawn into filaments for use as a textile fiber. Plastic pipe can be made from polyvinyl chloride (PVC), polyethylene (PE), and from polypropylene (PP) according to various AASHTO, ASTM, or AWWA specifications. Acceptance for all PVC, PE, and PP pipe products requires samples to be tested by CBM for strength and/or deflection. Samples are usually taken by district personnel at the producer, supplier, or job site. These samples shall be tested in the same construction season in which the products are installed. Many of these products also have specifications for cell classification. The cell classification, along with manufacturer's name or trademark, size, ASTM or AASHTO designation, and date of manufacture is required to be on all PVC pipe. The manufacturer's name or trademark, size, ASTM or AASHTO designation, plant designation code, and date of manufacture is required to be on all PE and PP pipe. The uses for these products include pipe drains, pipe underdrains, pipe culverts, storm sewer, backslope drains, culvert liners, and water main. Care should be taken to assure that the proper product is used for the specific application.

- Specification References
  - Standard Specifications section 1040
  - Various AASHTO, ASTM & ANSI/AWWA Specifications
- Standard Specification for Water & Sewer Main Construction in Illinois
- Contract Plans & Special Provisions
- Pipe Size, Markings (AASHTO/ASTM) & Cell Classification required on material
- BDE Manual Article 40.3.07

Geotextile Fabrics
(CBM Contact Person: Michael Aldridge 217-558-2091)
Includes woven or non-woven fabrics made from polypropylene or polyethylene. The inspector should know the intended use of the fabric material that is being inspected. Inspection consists of verification that the performance data meets contract requirements.
- Specification Reference
  - Standard Specifications section 1080

Manhole Steps
(CBM Contact Person: Michael Aldridge 217-558-2091)
The manufacturer shall certify that manhole steps meet specification.
- Specification Reference
  - Standard Specification 602
  - Illinois Laboratory Test Procedure: Plastic Manhole Steps

CLAY PIPE & DRAIN TILE – 500 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091 or Mike Brydl 217-782-4666)
The inspection procedures for clay pipe consist of laboratory tests and visual inspection of the finished products. Visual Inspection for pipe shall be checked for the following: out-of-round, size and dimensions, straightness, blisters, fractures and cracks, lack of glaze, markings. Visual Inspection for Drain Tile shall be checked for the following: Cracks, Checks, Chips, Shape, Presence of foreign minerals and chemicals. Drain tile in dry condition should give a clear ring when tapped lightly with a hammer.
- Specification References
  - Standard Specifications section 1040
  - ASTM C4, C700

CAST IRON PIPE – 510 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091 or Mike Brydl 217-782-4666)
Acceptance is based on manufacturer certification and visual inspection for condition and contract compliance.
Note: Domestic Steel Act applies.
- Specification References
  - Standard Specifications section 1006
  - Contract Plans & Special Provisions
  - Federal Specifications WW-P-421, WW-P-401
  - Standard Specification for Water and Sewer Main Construction in Illinois

CORRUGATED ALUMINUM PIPE – 520 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091 or Mike Brydl 217-782-4666)
The majority of steel for corrugated steel pipe is taken on manufacturer certification. These materials can be measured, counted, and visually inspected by District Materials and Construction personnel.
Note: Domestic Steel Act applies.

Inspection Procedures
The base metal for products included in this material group is sheet aluminum or structural aluminum plate. Several photographs are included in Appendix A1 herein which illustrate defective fabrication results that may also apply to aluminum pipe products.

Corrugated Aluminum Pipe
The inspector shall be furnished an itemized listing indicating the sizes, length, gauges, special treatments when required, and accessories for all products that are requested to be inspected. The products must be easily accessible so that a complete visual and dimensional examination can be made. Each approved product shall be stamped on the inside and outside of one end with an "ILL OK" stamp. An LA-15 may be issued for shipping with the bill of lading. The following items are specific areas that the inspector should check during the inspection process and compare with the appropriate references.
Markings
An identification stamp shall be every 0.6 to 1.5 m (2 to 5 ft.) on coiled sheet used in spiral corrugated pipe and on each sheet or plate used for annular pipe or structural plate products.

Dimensions
Thickness
Flat sheet material shall be measured at any point not less than 10 mm (3/8 in.) from an edge. Corrugated products are to be measured on the tangents of the corrugations. Assure gauge of metal conforms to the Standard Specifications type requirement for pipe size and use.

Diameter
Diameter is measured on the inside crest of the corrugations. Circular pipe and reformed pipe arch tolerances are based on nominal diameters. Tolerances for plate pipe arches are governed by both the equivalent diameter and the corrugation size.

Length
Length is measured as the net length of the finished product. The average length deficiency for pipe shipment shall not exceed one percent of lineal feet ordered.

Corrugations
Corrugations shall form smooth, continuous curves; tangents may be either annular, spiral, or a combination of both. The Standard Specifications denote the corrugation sizes permitted for a specific diameter and type of pipe. The depth, pitch, and spacing of the corrugations should be checked along with the subsequent minimum lap width requirement of the finished product. Pipe having a diameter of 300 mm (12 in.) or greater shall have corrugations not less than 48 mm (1 7/8 in.) nor more than 70 mm (2 3/4 in.) center-to-center, measured at right angles to the direction of the corrugations. Pipe having diameters of not less than 300 mm (12 in.) nor more than 525 mm (21 in.) shall have corrugation depth of not less than 11 mm (7/16 in.). Pipe having diameters greater than 525 mm (21 in.) shall have corrugation depth of not less than 13 mm (1/2 in.). Pipe with helical corrugations shall have a continuous lock seam extending from end to end of each length of pipe. The seams shall be fabricated in such a manner that they will not affect the shape or nominal diameter of the pipe, and so they will not create an element of weakness in the pipe.

Rivets
The location, size, and number of rivets per corrugation of the longitudinal seam are based on the sheet thickness, corrugation size, and the diameter of the pipe. Circumferential seam rivets shall be of the same size as for longitudinal seams with a maximum of 150 mm (6 in.) spacing except that only six rivets will be required for 300 mm (12 in.) pipe.

Lock Seams
For helically corrugated pipe, the lock seam shall be continuous from end to end of each pipe length, and lapped surfaces shall be in tight contact.

Workmanship
The completed products shall show careful finished workmanship in all particulars. Material Group 450, herein, lists several defects which indicate poor workmanship. These defects, except for spot welding or continuous seam welding which are not permitted for aluminum pipe, also apply in the fabrication of aluminum products. The presence of any or all of these defects in any individual item or, in general, in any shipment shall be sufficient cause for rejection.

Miscellaneous
Coupling Bands
Specifications require that the bands shall provide sufficient strength to preserve alignment and to prevent pipe separation or soil infiltration. Bands shall be aluminum, but either aluminum- or zinc-coated steel may be used for the fasteners of the connecting bands. The band may be three sheet thicknesses lighter than the pipe being connected but not less than 1.2 mm (0.048 in.). The widths and configurations for bands will vary depending on the diameter of pipe and the style or depth of corrugations. Bituminous coating for connecting bands is not required.

Structural Plate Bolts
Plates of longitudinal and circumferential seams shall be staggered so that not more than three plates come together at one point. The bolt and nut assembly fasteners for aluminum plates may be zinc-coated steel, aluminum-coated steel, or aluminum.

**Perforations**
Perforations shall be approximately circular and clean-cut, have a nominal diameter in accordance with the Standard Specifications, and be arranged in rows parallel to the axis of the pipe. Perforations shall be located on the inside crest or along the neutral axis of the corrugations. The rows of perforations and their locations are based on the diameter of the pipe as indicated in AASHTO M196.

**End Finish**
A reinforced end finish is not required on inlets nor outlets of corrugated aluminum pipe; however, when specified, it shall be finished in a satisfactory manner.

**Specialty Items**
Special pipe or aluminum products not covered by specifications shall meet the requirements of the contract plans and/or special provisions. Data governing these specialty items should be furnished to the fabricator so that the product can be properly constructed and subsequently inspected.

**Handling**
The field inspection made by the Engineer shall assure that damage has not occurred through carelessness in the loading, transporting, unloading, and delivering the finished product to the construction site and in its final installation. Appropriate methods of handling pipe products are described in Material Group 450 (Part 1) herein.

- **Specification References**
  - Standard Specifications section 542 and 1006
  - Highway Standards
  - AASHTO M196, M197, M219

**BRIDGE RAIL - 540** (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
When the physical properties of the material are approved, a visual inspection is required at either the source or the job site. The inspector should take special note that the surfaces of the rail elements and posts have a uniform finish and are not tarnished, have no mottled areas or a gritty appearance. Dip marks or brush marks may not be cause for rejection. All galvanized rail, posts, and accessories should be checked for minimum coating thickness with a magnetic thickness gauge.

**Note:** Domestic Steel Act applies.

**Railing**
**Aluminum:** There are two types of aluminum railing: elliptical pipe (single rail and Type L) and aluminum circular top railing (Type L).

**Galvanized Steel for Railings:** Acceptance of galvanized steel for railings requires each lot of tubular steel, identified by its steel heat number, used in fabrication to be tested. Samples for testing shall be obtained per the Tubular Steel Rail Sampling Protocol found in Appendix C1. Acceptance also requires a visual inspection of all galvanized pieces for the following: warp or bulge, shipping damage, uniform finish, "white rust" and thickness of the zinc coating. Items showing the appearance of "white rust" may be accepted if: the "white rust" (zinc oxide) is removed or neutralized, the coating thickness is not damaged, and the appearance of the item is satisfactory to the Engineer.

- **Specification References**
  - Standards Specifications section 1006

**Post Railing**
**Cast Aluminum:** Cast aluminum post railing (single rail and Type L).

**Malleable Cast Iron:** Malleable cast iron post railing (Type M).

**Galvanized Steel I-Beam:** Galvanized steel I-beam post railing (Types N, S, and T).

- **Specification References**
  - Standard Specifications section 1006
GUARDRAIL - 550  (Responsible Location – MT)  
(CBM Contact Person: Michael Aldridge 217-558-2091) 
Includes guardrail and barrier terminals, post, bolts, hardware, and accessories. The field inspector must check the zinc coating by means of a magnetic thickness gauge. All guardrail and components listed above shall be accepted only from producers listed on the Qualified Product List of Corrugated Sheet Steel Beams for Highway Guardrail. Contact CBM if material does not comply as outlined below: 
Note: Domestic Steel Act applies.

Heat Number - Verify the heat numbers on the railing and posts with the heat numbers shown on the mill analysis.

Physical Dimensions - Determine the physical dimensions of the railing and posts on random pieces including checking the gauge thickness with a micrometer.

Weight of Galvanizing - Randomly check for the weight of the zinc coating with a magnetic-type gauge.

Identification Markings - Verify the following identification markings are present on each piece of rail: manufacturer's name, heat number, AASHTO or ASTM specification, class of rail, and type of zinc coating.

Condition of Galvanizing - If evidence of "white rust" (zinc oxide) is present, and visible pitting of the zinc coating has not occurred, the rail may be cleaned and accepted. If visible pitting of the coating has occurred, the material is unacceptable.

Fasteners - Secure certified laboratory test data for dimensions, tensile strength, proof load, hardness, and weight of the zinc coating; or obtain certification of fasteners from the manufacturer. Testing is waived for non-structural fasteners used for guardrail installation. All fasteners for guardrail and guardrail components shall be accepted from only producers listed on the Qualified Product List of Corrugated Sheet Steel Beams for Highway Guardrail.

Workmanship - Check general workmanship for defects as described below:

Blisters - caused by surface defects in steel or absorbed hydrogen

Flux spots - stale flux burnt on during dipping or flux picked up from top of bath

Inclusions - can be from ash burnt on during dipping, surface residues on steel, flux picked up from top of bath

Dross - a scum formed on the surface of molten metal

Flaking zinc coating or adherence capability - occurs during transportation, erection, and service

Hair checking or bare spots - caused when steel has not been sufficiently cleaned before galvanizing. Failure to meet the requirements of the plans and specifications for physical dimensions or galvanized coating, the absence of the necessary mill analysis, or the presence of "white rust" pits, or any workmanship defect shall be cause for rejection.

• Specification References
  ➢ Standard Specifications sections 1006 and 1007
  ➢ Highway Standards
  ➢ CBM Policy Memorandum 22-08 Inspection Procedures and Approved Inspection Agencies for Timber and Preservative-Treated Timber Products
  ➢ AASHTO M180, M232M/M232
  ➢ ASTM A123/A123M, A307, B695
**Fertilizer**
The inspector should ascertain that the manufacturer’s guaranteed analysis is stamped on the bag and that it is in conformance with the required analysis. In the case of bulk shipments, the producer must certify in writing as to the analysis, and the inspector in turn verifies it is in compliance with the project requirements.

- Specification Reference
  - Standard Specifications sections 250 and 1081

**Compost**
A copy of the compost test results complying with IEPA standards for General Use Compost and certification of IEPA registration must be provided to the engineer with each shipment.

- Specification Reference
  - Standard Specifications sections 211 and 1081

**Seed**
Acceptance of seeds under this specification will be based on receipt and approval of a certification covering tests from each lot of seed. The certification must be signed by a registered seed technologist. Lots older than 12 months shall be recertified. Seeds may be sampled at destination on a random basis for comparison with the certification and for compliance to the specifications.

- Specification Reference
  - Standard Specifications sections 250 and 1081
  - Illinois Seed Law

**Sod**
Sod inspection may be made by the district landscape architect. Sources of sod are subject to inspection by the IDOT. Each shipment is to be accompanied by an inspection certificate.

- Specification Reference
  - Standard Specifications sections 252 and 1081

**Plants, Trees, and Shrubs**
Trees and shrubs are to be checked for height and/or diameter in accordance with the project provisions. In addition, the spread of the root system for bare-root plants should be checked just as the size of the ball should be checked on balled and burlapped plants.

- Specification References
  - Standard Specifications sections 253 and 1081
  - American Association of Nurserymen
  - Agricultural Research Service Publication No. 814

**Peat Moss**
At the time of sampling, the inspector should ascertain that the peat moss is packed in bales and that each bale is marked with the following information: type of peat moss, brand name, country of origin, cubic feet compressed size, compression ratio used, and approximate bale weight. In the absence of such marking, each shipment must be accompanied by a certificate stating the above information.

- Specification Reference
  - Standard Specifications section 1081

**Erosion Control**
Inspection of erosion control items, such as rolled excelsior, excelsior blanket, knitted straw mat, staples, stakes, and fiber mat, consists of visual examination of the products for condition and verification from the label or certification that they meet specifications. If compliance cannot be verified, the material shall be sampled as indicated in Part 2 herein.

- Specification Reference
  - Standard Specifications sections 280 and 1081

**Top Soil**
Top soil is to be sampled and tested for compliance.

- Specification Reference
  - Standard Specifications section 1081
Mulch Materials
Mulch materials for seeding and those of planting shall be in compliance with the Standard Specifications.
- Specification Reference
  - Standard Specifications section 1081.06

FENCING – 575 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
The inspector should verify class and coating from manufacturer’s tag or label. If the label is not available, a sample should be taken as indicated in Part 2 herein.
Note: Domestic Steel Act applies.
Chain Link
The fabric, metal posts and braces, wood posts and braces, gates, tension wire, fabric ties, bolts and nuts, and fittings shall meet the Standard Specifications and Contract Plans.
- Specification References
  - Standard Specifications section 1006
  - Contract Plans
  - Highway Standards
  - AASHTO M181, M232M/M232, M279, M280, M281

Woven Wire Fence
The woven wire, barbed wire, metal posts and braces, gate frames, post tops, and miscellaneous materials shall meet the Standard Specifications and Contract Plans.
- Specification References
  - Standard Specifications section 1006
  - Contract Plans
  - Highway Standards
  - AASHTO M111M/M111, M181, M232M/M232, M279, M280, M281
  - ASTM A116, A500/500M, A501/501M

SIGNING – 600 (Responsible Location – AC)
(CBM Contact Person: Anthony Wagner 217-782-7218)
There are numerous products in the category of signing materials. Tests may be performed by the producer and witnessed by the inspector. In the case of overhead sign trusses, component materials are sampled for testing, but the BBS performs the fabrication inspection.
Note: Domestic Steel Act applies.
- Specification References
  - Standard Specifications sections 1006, 1084, 1090, 1091, 1093, 1094, 1095 and 1097
  - IDOT M Specifications
  - IDOT “T” Specifications (Contact Kyle Armstrong at 217-782-2076)
  - IDOT Special Provisions
  - BBS 59

JOINT FILLERS & SEALERS & EXPANSION DEVICES – 615
Preformed Joint Fillers and Sealers (Responsible Location – BC & MT)
(CBM Contact Person: Asphalt Based: William Clay Snyder 217-782-7217; All Others: Michael Aldridge 217-558-2091)
These materials cover a wide range of asphalt, cork, fiber, plastic, or foam products that are used as preformed joint fillers or sealers.
- Specification Reference
  - Standard Specifications section 1051

Non-preformed Joint Fillers and Sealers (Responsible Location – BC)
(CBM Contact Person: William Clay Snyder 217-782-7217)
These materials include the bituminous-based crack fillers/sealers, poured joint fillers/sealers, longitudinal joint sealant (LJS), and trowelable mastics.
- Specification Reference
  - Standard Specifications sections 406, 1032, 1050 and 1055
Pavement Asphalt Fillers (PAF’s) (Responsible Location – BC)  
(CBM Contact Person: William Clay Snyder 217-782-7217)  
• Specification Reference  
  ➢ Standard Specifications section 1032.11

Expansion Joints and Joint Seals (Responsible Location - MT)  
(CBM Contact Person: Michael Aldridge 217-558-2091)  
Neoprene and EPDM expansion joints and joint seals are accepted on the basis of "lot" samples submitted by  
the manufacturer or fabricator to CBM. The approved lot numbers are available in the MISTIC system and  
listed on the Report2Web or by contacting CBM.  
• Specification References  
  ➢ Standard Specifications sections 1052 and 1053  
  ➢ Contract Plans  
  ➢ Special Provisions

REINFORCING STEEL – 625 (Responsible Location – MT)  
(CBM Contact Person: Michael Aldridge 217-558-2091)  
Reinforcement bars, reinforcement bar splicer assemblies, mechanical splicers, headed reinforcement bar,  
dowel bars, and welded wire mesh are accepted only from producers whose production has been certified.  
Each IDOT highway district is required to take random samples from each producer furnishing bar for use in  
construction in their district.  
Note: Domestic Steel Act applies.

Reinforcement Bars  
• Specification References  
  ➢ Standard Specifications section 1006  
  ➢ CBM Policy Memorandum 26-08 Reinforcement Bar and/or Dowel Bar Plant Certification Procedure  
  ➢ AASHTO M32  
  ➢ ASTM A706/A706M

Epoxy-coated Reinforcement Bars  
The requirements for accepting epoxy coated steel are the same as described for black bar, plus the  
following: Epoxy-coated reinforcement bars and pavement dowel bars must be coated by producers that are  
in good standing in the CRSI Epoxy Coating Certification Program. The inspector should be familiar with the  
CRSI program. Acceptance of the coating is based on participation in the CRSI program, visual inspection,  
random field tests, and random CBM tests.  
• Specification References  
  ➢ Standard Specifications section 1006  
  ➢ CBM Policy Memorandum 24-08 Epoxy Coating Plant Certification Procedures  
  ➢ ASTM A775/A775M

Bar Splicer Assemblies/Mechanical Splicers  
• Specification References  
  ➢ Bridge Manual Base Sheet BSD-1  
  ➢ Standard Specifications section 1006

Headed Reinforcement Bar  
• Specification References  
  ➢ Standard Specifications section 1006  
  ➢ Contract Plans  
  ➢ Bridge Manual Base Sheets  
  ➢ CBM Policy Memorandum 26-08 Reinforcement Bar and/or Dowel Bar Plant Certification Procedure  
  ➢ CBM Policy Memorandum 24-08 Epoxy Coating Plant Certification Procedures  
  ➢ ASTM A706/A706M, A775/A775M, A970/A970M

Pavement Reinforcement and Wire Fabric  
• Specification References  
  ➢ Standard Specifications section 1006  
  ➢ CBM Policy Memorandum 23-08 Welded Wire Reinforcement/Bar Mat Plant Certification Procedure  
  ➢ AASHTO M54M/M54, M55M/M55, M221
Joint Assemblies

- Specification References
  - Standard Specifications section 1006
  - CBM Policy Memorandum 26-08 Reinforcement Bar and/or Dowel Bar Plant Certification Procedure
  - AASHTO M227M/M227, M254

Structural Steel – 650 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
Most structural steel is furnished by fabrication companies which fabricate steel plates and shapes into members used in structures.
Note: Domestic Steel Act applies.

Fabrication Inspection - Fabrication of structural steel is the responsibility of representatives of the BBS.

Documentation - The mill will provide the inspector with copies of their chemical and physical tests. Upon satisfactory completion of the fabrication, the inspector issues a BBS 59, "Structural Steel Fabrication Report." Copies are sent to the Resident Engineer and the District Materials office.

- Specification References
  - Standard Specifications section 1006
  - BBS 59

Miscellaneous Steel – 675 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
Note: Domestic Steel Act applies.

- Specification References
  - Standard Specifications section 1006

Fasteners– 650/675 (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
Fasteners are usually sampled by manufacturing lots with specimens submitted to CBM for testing for compliance with the appropriate specifications. The point of sampling may be at the producer, supplier, fabricator, or job site. In most instances, five samples of each size and manufacturer are required.
Note: Domestic Steel Act applies.

Retest – If the results of an original test specimen fail to meet the specified requirements, a retest shall be permitted on two random specimens for each original failure. Both retest specimens shall meet the minimum requirements of the specification.

Resample – If the results of the retest specimens fail, the manufacturer shall send double the amount of the original sample. All resampled specimens shall meet the requirements of the specification to approve the material.

 Inspection - In general, the inspection process for fasteners is as follows.
Sample Selection - Samples are taken at one of the following: Manufacturer or Supplier, fabricator, or job site if no evidence of prior inspection. The inspector goes to the appropriate source and selects five pieces of each lot, diameter, length, and manufacturer.

Verification of Markings - The manufacturer's markings must be identified before samples are submitted for testing. This can be accomplished by checking illustrations provided in the "Guide for Identification of Fasteners" herein. If a fastener cannot be identified, CBM should be contacted.

Shipment of Samples – Five (5) samples will be taken per lot. The number of samples tested will be according to ASTM A307 Section 9.4, except that a minimum of two (2) samples will be tested per lot size. The samples, after identification and proper packaging, are sent to CBM for testing.

- Specification References
  - Standard Specifications section 1006
  - BBS 59
  - Special Provisions
  - Contract Plans
MISCELLANEOUS MATERIALS – 700

Bridge Bearing Pads and Related Items (Responsible Location – MT)
(CBM Contact Person: Michael Aldridge 217-558-2091)
Includes Elastomeric Bearing Pad, Types I, II, and III; High Load Multi-Rotational Bearing (HLMR) - Pot and Disk Bearing; Neoprene & Natural Rubber Sheets; Polytetrafluoroethylene (PTFE); Stainless Steel Sheets; Neoprene & Fabric Bearing Pads; Polyether Urethane.
Note: Domestic Steel Act applies.

Bridge Bearing Pads and Related Items
Sampling - The bearing manufacturer shall furnish to the Engineer of Materials at the Bureau of Materials (126 East Ash, Springfield, IL 62704-4766) a purchase order for each contract. The purchase order shall contain, as a minimum, the quantity and size of each type of bearing to be furnished.

Acceptance - Elastomeric bearing pads and HLMR bearing pads must be NTPEP certified and are accepted by letter of approval from CBM.

Elastomeric Bearing Pad, Type I - If a pad is to be sampled for testing, CBM will notify the pad manufacturer and the involved district. One extra pad may then be sent to the job site or supplier. The inspector shall pick one pad at random for testing.

Elastomeric Bearing Pad, Types II and III - The sampling procedure is the same as for the Type I bearing; however, the manufacturer shall also supply samples of PTFE and stainless steel from the same lots as used in the bearing to CBM. The top steel plate and the bottom steel plate on the Type II and Type III bearings shall be attached to the rubber during the vulcanizing process. A bonding epoxy is not permitted to attach the steel plates. The inspector shall visually check tests pads for evidence of extrusions of epoxy.

HLMR - Pot and Disk Bearing – If a bearing is to be sampled for testing, CBM will notify the bearing manufacturer and the involved district, however the manufacturer need only supply samples of the individual components of the same lots used to manufacture the bearing as specified below (unless requested otherwise by the department).

Neoprene and Natural Rubber Sheets - These are components of the Types II and III elastomeric pads and the HLMR pot and disk bearing pads. A minimum of 12 in. x 12 in. (304.8 mm x 304.8 mm) sample from the same lot of the bearing is required.

Components could be as follows:
- Polytetrafluoroethylene (PTFE)
- Polyether Urethane
- Stainless Steel Sheets
- Fasteners

Neoprene Leveling Pads
- Specification Reference
  ➢ Standard Specifications sections 521 and 1052

- Specification References
  ➢ Standard Specifications sections 1082 and 1083
  ➢ AASHTO LRFD Bridge Design Specification, Section 14.4.2.1

Curing Blankets (Responsible Location – CN)
(CBM Contact Person: Melinda Winkelman 217-782-0117)
Curing blankets include those products manufactured from burlap, burlap and polyethylene, waterproof paper, polyethylene, cellulose polyethylene, or synthetic fiber with polymer polyethylene.
- Specification References
  ➢ Standard Specifications section 1022
  ➢ Contract Special Provisions
Brick (Clay or Shale) (Responsible Location – CN)
(CBM Contact Person: Melinda Winkelman 217-782-0117)
Includes sewer and building brick.

Facing - Facing brick made from clay, shale, fire clay, or mixtures thereof and fired to incipient fusion are specified in ASTM C216. The inspector should refer to this specification as visual inspection is critical for color, cracks, chips, size, and warpage.

Sewer and Building - Sewer brick made from clay or shale and burned and intended for use in (1) drainage structures for the conveyance of sewage, industrial wastes, and storm water, and (2) structures such as manholes and catch basins are specified in ASTM C32. Building brick made from clay and shale and burned and intended for use in brick masonry are specified in Section 1041 of the Standard Specifications and in ASTM C62. The bricks shall conform by visual inspection to the requirements in the plans and to the samples passing physical requirements. Minor indentations and surface cracks incidental to manufacturing, or small chipping resulting from handling, should not be cause for rejection.

- Specification References
  - Standard Specifications section 1041.01
  - ASTM C216, C32, C62
  - Contract Special Provisions

Pavement Markings and Pavement Markers (Responsible Location – AC)
(CBM Contact Person: Anthony Wagner 217-782-7218)
Includes pavement marking tape (permanent and temporary), preformed plastic pavement marking, raised reflective pavement markers, and thermoplastic pavement markings

- Specification Reference
  - Standard Specifications sections 1095 and 1096

MISCELLANEOUS METAL MATERIALS – 775 (Responsible Location – MT)
Because of the wide range of materials in this material group, it is important to have specific information regarding the description of the item. The material group listing in Part 2 herein will give some information. In addition, for many items it may be necessary to have access to a copy of one or more of the following:
  - Contract plans,
  - Special provisions,
  - Specifications from various IDOT bureaus,
  - Highway Standards,
  - ASTM and AASHTO standards.

Note: Domestic Steel Act applies.

Nonferrous Tubing, Fittings, and Plates
(CBM Contact Person: Michael Aldridge 217-558-2091)
Includes copper water tube, red brass pipe, brass valve corporation stops, bronze bearing plates, bronze castings, lead plates, and name plate.

Copper Water Tube - Seamless copper water tube is suitable for general plumbing and similar applications for the conveyance of fluids. The tube may be furnished in either coiled or straight lengths. The requirements for this material are covered in ASTM B88, Type K. Acceptance of copper water tubing is by visual inspection for condition and to verify Type K and the manufacturer. The type and manufacturer are stamped into the pipe at 300 mm (1 ft.) intervals.

Red Brass Pipe - This material is a seamless pipe that is produced in accordance with ASTM B43 in all standard pipe sizes. It is rigid in form and is supplied in lengths, not coils. The wall thickness is approximately twice that of copper water tube.

Brass Valve Corporation Stops – Corporation stops are used in conjunction with water mains. Acceptance of brass valve corporation stops is by visual inspection.

Bronze Bearing Plates - These bronze plates are used in contact with hardened steel plates for bridge expansion bearings.

Bronze Castings - The bronze casting shall conform to the requirements given in the contract plans or special provisions.

Lead Plates - These lead plates, which are used primarily between the bottom steel bearing plate and top of the concrete bridge pier and abutments, compensate for the unevenness of the concrete.
**Name Plates** - Examples of possible cause for rejection are as follows: poorly formed letters, lettering correctness (alignment, spacing, and height), overall dimensions, and length of lugs (if present).

- Specification References
  - [Standard Specifications section 1006](#)
  - [Highway Standards](#)

**Markers**

Includes Survey Markers, Monument markers, Section markers, Brass covers. A survey marker is a mushroom-shaped object approximately 83 mm (3 1/4 in.) in diameter on top with approximately a 75 mm (3 in.) tapered stem.

Survey Markers - A survey marker is a mushroom-shaped object approximately 83 mm (3 1/4 in.) in diameter on top with approximately a 75 mm (3 in.) tapered stem.

- Specification References
  - [Standard Specifications section 1006](#)
  - [Highway Standards](#)

**MISCELLANEOUS MAINTENANCE MATERIALS – 800**

The majority of items in this material group are covered in the [IDOT M Specifications](#). Note: Domestic Steel Act applies.
APPENDIX A1

PHOTOGRAPHS OF CORRUGATED METAL PIPE
FIGURE 8
UNSATISFACTORY FABRICATION

1. Rivet Head Cut On One Side.
2. Rivet Head Badly Cut And Close To Edges Of Sheet.
3. Rivets Close To Edges Of Sheet.
4. Rivet Driven Very Crooked.
5. Very Poor Seam Caused By Uneven Sheet And Extra Wide Lip Which Flared Up Instead Of Fitting Tight Over The Lip On The Under Sheet.
6. Where Flare Was Hammered Down To Close The Opening Between Sheets.
7. Broken And Scaled Zinc.
8. Dents And Bruises Caused By Hammering.
Figure 15 - Satisfactory

Figure 16 - Satisfactory

Figure 17 - Unsatisfactory

Figure 18 - Unsatisfactory

Figure 19 - Satisfactory Type of Coupling Band

Figure 20 - Satisfactory Position of Zinc Tag

Figure 21 - Satisfactory Joint of Perforated Pipe
Photographs of defects and rejections can be found at the following internet link:
In order to address ongoing concerns regarding quality assurance sampling of tubular steel rail for railings per the requirements of Section 1006.34(b) in the *Standard Specifications for Road and Bridge Construction* (April 1, 2016), the Illinois Department of Transportation (IDOT) will revise its sampling protocol as follows:

**Definitions:**

**Producer:** The fabricator that performs the final metal modifications including cutting, welding, drilling, etc. (not including galvanization).

**Supplier:** The entity that supplies the final product to the IDOT project. This may or may not be the Producer.

**Tubing Mill:** The entity that receives coil steel and forms it into tubing stock.

**Original Steel Plant:** The entity that melts, makes, and manufactures the coil steel and provides it to the Tubing Mill.

**Galvanizing Facility:** The sole entity that hot-dip galvanizes the preselected random sample(s) and the modified rail.

**Protocol**

For sampling tubular steel rail for railings, the rail Producer may request one of the following two options:

**Option A:** *Single random specimen (per heat) is sampled, galvanized, and then sent to CBM for coating thickness and mechanical properties testing.*

1. Rail Producer receives an order to supply an IDOT contract.

2. The Rail Producer contacts IDOT (district in which the contract is being built) to provide them with the IDOT contract number and to request a random sample be taken from stock in their yard. IDOT will coordinate sampling.

3. An IDOT (or approved 3rd party) inspector arrives at the Rail Producer to randomly select a 2-ft specimen from each heat of uncoated tubing stock that has been identified for use on an IDOT project.

4. The Inspector will apply a unique stamp to the specimen that will survive galvanizing process.

5. The specimen and the modified uncoated sections will go to the galvanizing facility for *simultaneous* galvanizing in same hot-dip bath.

6. Once galvanized, the Rail Producer will then send the galvanized specimen to Central Bureau of Materials (CBM) for coating thickness and physical properties testing, accompanied with all the required documentation, to include:
7. Once Approved CBM will send a letter to the Rail Producer indicating that the heat has been approved. The Rail Producer will include a copy of this letter with any shipments of this approved heat to be installed on any IDOT project.

**Option B:** Two random specimens (per heat) are sampled, one is retained by Rail Producer, and the other is sent for galvanizing. Galvanized specimen is sent to CBM for mechanical properties testing (coating thickness testing will be conducted on the second specimen). Upon successful testing – which indicates the temperature of the hot-dip bath did not affect the physical properties of the steel – the Rail Producer sends modified rail and retained specimen for simultaneous galvanizing. Specimen is then sent to CBM for official testing of coating thickness.

1. Rail Producer receives an order to supply an IDOT contract.

2. The Rail Producer contacts IDOT (district in which the contract is being built) to provide them with the IDOT contract number and to request random samples be taken from stock in their yard. IDOT will coordinate sampling.

3. An IDOT (or approved 3rd party) inspector arrives at the Rail Producer to randomly select two 2-ft specimens from each heat of uncoated tubing stock that has been identified for use on an IDOT project.

4. The Inspector will apply a unique stamp to the specimens that will survive galvanizing process.

5. One specimen will be sent for galvanizing prior to any modifications to the uncoated tubing stock. The second specimen shall be retained by the Rail Producer.

6. Once galvanized, the Rail Producer will then send the specimen to Central Bureau of Materials (CBM) for testing of the physical properties. (At this point, coating thickness readings will be taken for informational purposes only. Coating thickness testing will be conducted on the second specimen that will be coated in the same bath as the modified rail.) All required documentation must accompany specimen, to include:
   a. Mill Test Report from the Original Steel Plant
   b. Mill Test Report from Tubing Mill
   c. Mill Test Report from the Galvanizing Facility– to include average temperature range of Hot Dip Bath
   d. Documentation from the Rail Producer identifying all modifications made to the tubular steel rail
   e. An affiliated IDOT contract number to which the Rail is assigned

7. Once the specimen passes mechanical testing CBM will send a letter to the Rail Producer indicating that the heat of uncoated tubular steel rail has been approved.

8. The retained specimen and the modified sections (final uncoated sections) will go to the galvanizing facility for simultaneous galvanizing.
9. Once galvanized, the Rail Producer will then send the galvanized specimen to CBM for official coating thickness testing, accompanied with all required documentation, to include:
   a. Copy of the CBM approval letter that indicates the heat of uncoated tubing stock used to fabricate the railing has been tested and approved.
   b. Mill Test Report from the Galvanizing Facility – to include average temperature range of Hot Dip Bath
   c. Documentation from the Rail Producer identifying all modifications made to the tubular steel rail
   d. An affiliated IDOT contract number to which the bridge rail is assigned.

10. Once Approved CBM will send a letter to the Rail Producer indicating that the heat has been approved. The Rail Producer will include a copy of the approval letter with the galvanized railing to the job site for installation.

ADDENDUM

CBM recognizes that circumstances exist in which the use of bridge rail on certain IDOT contracts is out of the Zone of Intrusion (e.g. Parapet-Mounted Bridge Fence Railing, Sidewalk-Mounted Bridge Fence Railing). In those situations, Charpy V-notch (CVN) testing is not required. In those instances, the Rail Producer may notify CBM of the contract number. Upon verification, testing will be waived. A Waiver Letter will be generated by CBM and sent to the Rail Producer who will, in turn, forward the letter to the job site with the samples. By substituting testing with a Waiver Letter, this will satisfy any questions that may arise by the Resident Engineer on the job site.

When testing is necessary, the aforementioned protocol shall not be affected by this addendum.
<table>
<thead>
<tr>
<th>MATERIAL: 001AA</th>
<th>AGGREGATES</th>
<th>TONS (M TON)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 96</td>
<td>DESC2: DESC3:</td>
<td>SMALLQTY: 500</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST AND TICK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: REFER TO &quot;MANUAL OF TEST PROCEDURES&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 03</td>
<td>CONTAINER2: 04</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: GRADATION, QUALITY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: SPECIFICATIONS: SEC 1003, 1004, CONTRACT SPEC PROV, &quot;MANUAL OF TEST PROCEDURES&quot;.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 001BA</th>
<th>RIP RAP</th>
<th>TONS (M TON)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 96</td>
<td>DESC2: DESC3:</td>
<td>SMALLQTY: 20</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: VIS TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST AND TICK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 03</td>
<td>CONTAINER2: 04</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: GRADATION, QUALITY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: VIS GRADATION UNLESS DISPUTED, THEN FULL WEIGHED GRADATION THIS IS FOR MATERIAL USED AS RIP RAP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1005</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 001BB</th>
<th>RIP RAP, BEDDING</th>
<th>TONS (M TON)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 96</td>
<td>DESC2: DESC3:</td>
<td>SMALLQTY: 20</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST AND TICK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 03</td>
<td>CONTAINER2: 04</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: GRADATION, QUALITY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: MINIMUM ONE GRADATION PER YEAR THIS IS FOR ALL BEDDING STONE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1005</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 001CC</th>
<th>AGGREGATE, RAP</th>
<th>TONS (M TON)</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: TICK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: REFER TO &quot;MANUAL OF TEST PROCEDURES&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 03</td>
<td>CONTAINER2: 11</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: GRADATION, QUALITY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: FOR RAP USED AS AGGREGATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1031, BDE SPEC PROV FOR RAP, CBM POLICY MEMO 31-13.0 &quot;MANUAL OF TEST PROCEDURES&quot;.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 001DD</th>
<th>AGGREGATE, FRAP</th>
<th>TONS (M TON)</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: TICK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: REFER TO &quot;MANUAL OF TEST PROCEDURES&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 03</td>
<td>CONTAINER2: 11</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: GRADATION, QUALITY ignition oven</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: SPECIFICATIONS: SEC 1031, BDE SPEC PROV FOR RAP, CBM POLICY MEMO 31-13.0 &quot;MANUAL OF TEST PROCEDURES&quot;.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL: 001EE AGGREGATE, SUBGRADE

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE-: TEST</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST AND TICK</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE-: REFER TO &quot;MANUAL OF TEST PROCEDURES&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 05/14/2020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2: 10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT-: GRADATION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: 014CS01,02 FOR NATURAL AGGREGATES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>019CS01,02 FOR RECYCLED AGGREGATES &amp; BLENDS OF BOTH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: BDE SPEC PROV FOR AGGREGATE SUBGRADE IMPROVEMENT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;MANUAL OF TEST PROCEDURES&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 002FA00 LIMESTONE, AGRICULTURAL

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE-: QUAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT AND TEST</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE-: 9LB (CEMENT BAG)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 11/14/2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2: 11</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT-: GRADATION, CCE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: SAMPLE TO IDOA 4/1 TO 5/31 ANNUALLY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1081.07</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IL VOLUNTARY LIMESTONE PROGRAM PRODUCER INFORMATION BOOK</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 003FA00 LIME, HYDRATED

<table>
<thead>
<tr>
<th>DESC1: LIME, HYDRATED</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY: 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE-: CERT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT AND TEST</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: SL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE-: 6 LBS OR 1 QUART SLURRY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2: 05</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT-: CHEMICAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: CERT AND MANUFR'S TEST RESULTS REPRESENTING MAT'L DELIVERED</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1012.01, 1012.04</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 003FA04 LIME, PELLETIZED

<table>
<thead>
<tr>
<th>DESC1: LIME, PELLETIZED</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY: 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE-: QUAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE-: 9LB (CEMENT BAG)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2: 11</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT-: GRADATION, CCE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: SAMPLE TO IDOA 4/1 TO 5/31 ANNUALLY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1081.07</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IL VOLUNTARY LIMESTONE PROGRAM PRODUCER INFORMATION BOOK</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 003FA05 LIME, QUICK

<table>
<thead>
<tr>
<th>DESC1: LIME, QUICK</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY: 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE-: CERT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT AND TEST</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: SL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE-: 1 QUART SLURRY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 05/03/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT-: CHEMICAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: CERT AND MANUFR'S TEST RESULTS REPRESENTING MAT'L DELIVERED</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1012.04</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 001 AGGREGATES

--- MATERIAL: 003FA06 LIME, BY-PRODUCT HYDRATED TONS (M TON )
DESC1:        DESC2:        DESC3:        SMALLQTY: 1
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT AND TEST
MATERIAL OWNER: SL
SAMPLE SIZE---: 6 LBS
CONTAINER1: 05 CONTAINER2: 04
MEASUREMENT---: GRADATION, CHEMICAL
REMARK-------- : CERT AND MANUF'R'S TEST RESULTS REPRESENTING MAT'L DELIVERED
SPECIFICATIONS: ART 1012.02

--- MATERIAL: 003FA07 LIME, BY-PRODUCT NON-HYDRATED TONS (M TON )
DESC1:        DESC2:        DESC3:        SMALLQTY: 1
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT AND TEST
MATERIAL OWNER: SL
SAMPLE SIZE---: 6 LBS
CONTAINER1: 05 CONTAINER2: 04
MEASUREMENT---: GRADATION, CHEMICAL
REMARK-------- : CERT AND MANUF'R'S TEST RESULTS REPRESENTING MAT'L DELIVERED
SPECIFICATIONS: ART 1012.03

--- MATERIAL: 017FM96 AGGREGATE, RAS, POST-CONSUMER, TYPE 2, TROMMEL FLAKES TONS ( )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT AND BOL
MATERIAL OWNER: BM
SAMPLE SIZE---: 1 BAG 40 LBS
CONTAINER1: 03 CONTAINER2: USED
MEASUREMENT---: SOURCE: DRY SHAKE, EXTRACTION GRAD & AC CONTENT, DELETERIOUS
HMA PLANT: DRY SHAKE, EXTRACTION GRAD & AC CONTENT
REMARK-------- : 2 CERTS AT HMA PLANT-AVAILABLE UPON REQUEST FOR 3 YRS
SPECIFICATIONS: BDE SPEC PROV FOR RAP & RAS
CBM POLICY MEMO

--- MATERIAL: 017FM98 AGGREGATE, RECLAIMED ASPHALT SHINGLES, POST-CONSUMER, TYPE 2 TONS ( )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT AND BOL
MATERIAL OWNER: BM
SAMPLE SIZE---: 1 BAG 40 LBS
CONTAINER1: 03 CONTAINER2: USED
MEASUREMENT---: SOURCE: DRY SHAKE, EXTRACTION GRAD & AC CONTENT, DELETERIOUS
HMA PLANT: DRY SHAKE, EXTRACTION GRAD & AC CONTENT
REMARK-------- : 2 CERTS AT HMA PLANT-AVAILABLE UPON REQUEST FOR 3 YRS
SPECIFICATIONS: BDE SPEC PROV FOR RAP & RAS
CBM POLICY MEMO

--- MATERIAL: 017FM99 AGGREGATE, RECLAIMED ASPHALT SHINGLES, PRECONSUMER, TYPE 1 TONS ( )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT AND BOL
MATERIAL OWNER: BM
SAMPLE SIZE---: 1 BAG 40 LBS
CONTAINER1: 03 CONTAINER2: USED
MEASUREMENT---: SOURCE: DRY SHAKE, EXTRACTION GRAD & AC CONTENT, DELETERIOUS
HMA PLANT: DRY SHAKE, EXTRACTION GRAD & AC CONTENT
REMARK-------- : CERT AT HMA PLANT-AVAILABLE UPON REQUEST FOR 3 YRS
SPECIFICATIONS: BDE SPEC PROV FOR RAP & RAS
CBM POLICY MEMO
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 100 BITUMINOUS MATERIALS

-- MATERIAL: 10121  ASPHALT BINDER, PERFORMANCE GRADED, PG 46-28  TONS (M TON )
METHOD OF ACCEPTANCE---:  QUAL TEST
EVIDENCE OF INSPECTION--:  LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---:  1 QUART PER TRUCK OR TANK. UPDATED: 11/15/2017
CONTAINER1:  05 CONTAINER2:
MEASUREMENT---:  SPG,FLASH POINT,ROTATIONAL VISCOSITY,DYNAMIC SHEAR,MASS LOSS,CREEP STIFFNESS,M-VALUE
REMARK-------- :  IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS:  ART 1032.05A

-- MATERIAL: 10122  ASPHALT BINDER, PERFORMANCE GRADED, PG 46-34  TONS (M TON )
METHOD OF ACCEPTANCE---:  QUAL TEST
EVIDENCE OF INSPECTION--:  LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---:  1 QUART PER TRUCK OR TANK UPDATED: 11/15/2017
CONTAINER1:  05 CONTAINER2:
MEASUREMENT---:  SPG,FLASH POINT,ROTATIONAL VISCOSITY,DYNAMIC SHEAR,MASS LOSS,CREEP STIFFNESS,M-VALUE
REMARK-------- :  IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS:  ART 1032.05A

-- MATERIAL: 10124  ASPHALT BINDER, PERFORMANCE GRADED, PG 52-28  TONS (M TON )
METHOD OF ACCEPTANCE---:  QUAL TEST
EVIDENCE OF INSPECTION--:  LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---:  1 QUART PER TRUCK OR TANK UPDATED: 11/15/2017
CONTAINER1:  05 CONTAINER2:
MEASUREMENT---:  SPG,FLASH POINT,ROTATIONAL VISCOSITY,DYNAMIC SHEAR,MASS LOSS,CREEP STIFFNESS,M-VALUE
REMARK-------- :  IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS:  ART 1032.05A

-- MATERIAL: 10125  ASPHALT BINDER, PERFORMANCE GRADED, PG 58-22  TONS (M TON )
METHOD OF ACCEPTANCE---:  QUAL TEST
EVIDENCE OF INSPECTION--:  LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---:  1 QUART PER TRUCK OR TANK UPDATED: 11/15/2017
CONTAINER1:  05 CONTAINER2:
MEASUREMENT---:  SPG,FLASH POINT,ROTATIONAL VISCOSITY,DYNAMIC SHEAR,MASS LOSS,CREEP STIFFNESS,M-VALUE
REMARK-------- :  IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS:  ART 1032.05A

-- MATERIAL: 10126  ASPHALT BINDER, PERFORMANCE GRADED, PG 58-28  TONS (M TON )
METHOD OF ACCEPTANCE---:  QUAL TEST
EVIDENCE OF INSPECTION--:  LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---:  1 QUART PER TRUCK OR TANK UPDATED: 11/15/2017
CONTAINER1:  05 CONTAINER2:
MEASUREMENT---:  SPG,FLASH POINT,ROTATIONAL VISCOSITY,DYNAMIC SHEAR,MASS LOSS,CREEP STIFFNESS,M-VALUE
REMARK-------- :  IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS:  ART 1032.05A
Manul for Materials Inspection - Part 2

Material Group: 100 Bituminous Materials

--- MATERIAL: 10127  Asphalt Binder, Performance Graded, PG 64-22  Tons (M Ton )
METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL  MATERIAL OWNER: BC
SAMPLE SIZE: 1 Quart per truck or tank  UPDATED: 11/15/2017
CONTAINER1: 05 CONTAINER2:               MEASUREMENT: SPG, Flash Point, Rotational Viscosity, Dynamic Shear, Mass Loss, Creep Stiffness, M-Value
REMARK: IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS: ART 1032.05A

--- MATERIAL: 10128  Asphalt Binder, Performance Graded, PG 64-28 Modified  Tons (M Ton )
METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL  MATERIAL OWNER: BC
SAMPLE SIZE: 1 Quart per truck or tank  UPDATED: 11/15/2017
CONTAINER1: 05 CONTAINER2:               MEASUREMENT: SPG, Flash Point, Rotational Vis, Dynamic Shear, Mass Loss, Creep Stiff, M-Value, Sep of Poly, Force Ratio, Elas Recover
REMARK: IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS: ART 1030.05B

--- MATERIAL: 10129  Asphalt Binder, Performance Graded, PG 70-22 Modified  Tons (M Ton )
METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL  MATERIAL OWNER: BC
SAMPLE SIZE: 1 Quart per truck or tank  UPDATED: 11/15/2017
CONTAINER1: 05 CONTAINER2:               MEASUREMENT: SPG, Flash Point, Rotational Vis, Dynamic Shear, Mass Loss, Creep Stiff, M-Value, Sep of Poly, Force Ratio, Elas Recover
REMARK: IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS: ART 1032.05B

--- MATERIAL: 10130  Asphalt Binder, Performance Graded, PG 70-28 Modified  Tons (M Ton )
METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL  MATERIAL OWNER: BC
SAMPLE SIZE: 1 Quart per truck or tank  UPDATED: 11/15/2017
CONTAINER1: 05 CONTAINER2:               MEASUREMENT: SPG, Flash Point, Rotational Vis, Dynamic Shear, Mass Loss, Creep Stiff, M-Value, Sep of Poly, Force Ratio, Elas Recover
REMARK: IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS: ART 1032.05B

--- MATERIAL: 10131  Asphalt Binder, Performance Graded, PG 76-22 Modified  Tons (M Ton )
METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL  MATERIAL OWNER: BC
SAMPLE SIZE: 1 Quart per truck or tank  UPDATED: 11/15/2017
CONTAINER1: 05 CONTAINER2:               MEASUREMENT: SPG, Flash Point, Rotational Vis, Dynamic Shear, Mass Loss, Creep Stiff, M-Value, Sep of Poly, Force Ratio, Elas Recover
REMARK: IF TESTED, TESTID REQUIRED ON BOL
RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
SPECIFICATIONS: ART 1032.05B
**MANUAL FOR MATERIALS INSPECTION - PART 2**

**MATERIAL GROUP: 100 BITUMINOUS MATERIALS**

--- MATERIAL: 10132  ASPHALT BINDER, PERFORMANCE GRADED, PG 76-28 MODIFIED  TONS (M TON )

**DESC1:**  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE---:** QUAL TEST
**EVIDENCE OF INSPECTION---:** LIST TEST AND BOL

**MATERIAL OWNER:** BC

**SAMPLE SIZE---:** 1 QUART PER TRUCK OR TANK
**UPDATED:** 11/15/2017

**CONTAINER1:** 05  
**CONTAINER2:**

**MEASUREMENT---:** SPG, FLASH POINT, ROTATIONAL VIS, DYNAMIC SHEAR, MASS LOSS, CREEP STIFF, M-VALUE, SEP OF POLY, FORCE RATIO, ELAS RECOVER

**REMARK--------- :** IF TESTED, TESTID REQUIRED ON BOL

**RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY**

**SPECIFICATIONS:** ART 1032.05B

--- MATERIAL: 10133  ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28  TONS (M TON )

**DESC1:**  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE---:** QUAL TEST
**EVIDENCE OF INSPECTION---:** LIST TEST AND BOL

**MATERIAL OWNER:** BC

**SAMPLE SIZE---:** 1 QUART PER TRUCK OR TANK
**UPDATED:** 11/15/2017

**CONTAINER1:** 05  
**CONTAINER2:**

**MEASUREMENT---:** SPG, FLASH POINT, ROTATIONAL VIS, DYNAMIC SHEAR, MASS LOSS, CREEP STIFF, M-VALUE

**REMARK--------- :** IF TESTED, TESTID REQUIRED ON BOL

**RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY**

**SPECIFICATIONS:** ART 1032.05A

--- MATERIAL: 10134  ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22  TONS (M TON )

**DESC1:**  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE---:** QUAL TEST
**EVIDENCE OF INSPECTION---:** LIST TEST AND BOL

**MATERIAL OWNER:** BC

**SAMPLE SIZE---:** 1 QUART PER TRUCK OR TANK
**UPDATED:** 11/15/2017

**CONTAINER1:** 05  
**CONTAINER2:**

**MEASUREMENT---:** SPG, FLASH POINT, ROTATIONAL VISCOITY, DYNAMIC SHEAR, MASS LOSS, CREEP STIFFNESS, M-VALUE

**REMARK--------- :** IF TESTED, TESTID REQUIRED ON BOL

**RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY**

**SPECIFICATIONS:** ART 1032.05A

--- MATERIAL: 10135  ASPHALT BINDER, 64-22, GROUND TIRE RUBBER 10%  TONS (M TON )

**DESC1:**  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE---:** TEST
**EVIDENCE OF INSPECTION---:** TEST AND BOL

**MATERIAL OWNER:** BC

**SAMPLE SIZE---:** 1 QUART (FRICTION TOP)
**UPDATED:** 02/27/2017

**CONTAINER1:** 05  
**CONTAINER2:**

**MEASUREMENT---:** FLASH POINT, ROTATIONAL VISCOSITY, SOFTENING POINT, ELASTIC RECOVERY

**REMARK--------- :** IF TESTED, TESTID REQUIRED ON BOL

**CERT IS FOR THE GROUND TIRE RUBBER**

**SPECIFICATIONS:** CBM SPEC: GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER

BC LAB HAS SPEC

---
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 100 BITUMINOUS MATERIALS

---> MATERIAL: 10136 ASPHALT BINDER, PERFORMANCE GRADED, PG 52-34 TONS (M TON)
    METHOD OF ACCEPTANCE:-- Qual TEST
    EVIDENCE OF INSPECTION: LIST TEST AND BOL MATERIAL OWNER: BC
    SAMPLE SIZE: 1 QUART PER TRUCK OR TANK UPDATED: 11/15/2017
    CONTAINER1: 05 CONTAINER2: 
    MEASUREMENT: SPG,FLASH POINT,ROTATIONAL VISCOSITY,DYNAMIC SHEAR,MASS
    LOSS,CREEP STIFFNESS,M-VALUE
    REMARK: IF TESTED, TESTID REQUIRED ON BOL
    RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
    SPECIFICATIONS: ART 1032.05A

---> MATERIAL: 10138 ASPHALT BINDER, PERFORMANCE GRADED, PG 64-34 MODIFIED TONS ( )
    METHOD OF ACCEPTANCE:-- Qual TEST
    EVIDENCE OF INSPECTION: LIST TEST AND BOL MATERIAL OWNER: BC
    SAMPLE SIZE: 1 QUART PER TRUCK OR TANK UPDATED: 05/29/2018
    CONTAINER1: 05 CONTAINER2: 
    MEASUREMENT: SPG,FLASH POINT,ROTATIONAL VIS,DYNAMIC SHEAR,MASS LOSS,
    CREEP STIFF,M-VALUE,SEP OF POLY,FORCE RATIO,ELAS RECOVER
    REMARK: IF TESTED, TESTID REQUIRED ON BOL
    RANDOM SAMPLES REQUIRED SEE ART 1030.05D2E FOR FREQUENCY
    SPECIFICATIONS: ART 1032.05B

---> MATERIAL: 10139 ASPHALT BINDER, PERFORMANCE GRADED, PG 88-28 MODIFIED, (FLS) TONS ( )
    METHOD OF ACCEPTANCE:-- Qual TEST
    EVIDENCE OF INSPECTION: LIST TEST AND BOL MATERIAL OWNER: BC
    SAMPLE SIZE: 1 QUART PER BATCH UPDATED: 08/07/2018
    CONTAINER1: 05 CONTAINER2: 
    MEASUREMENT: ODSR, STIFFNESS M-VALUE, POLYMER SEPARATION, ELASTIC RECOVER
    MIGRATION TEST (HMA)
    REMARK: IF TESTED, TESTID REQUIRED ON BOL
    THIS CODE IS FOR FULL LANE SEALANT USE ONLY
    SPECIFICATIONS: CBM SPEC PROV FOR HMA-FULL LANE SEALANT

---> MATERIAL: 10140 ASPHALT BINDER, 58-28, GROUND TIRE RUBBER 12% TONS ( )
    METHOD OF ACCEPTANCE:-- TEST
    EVIDENCE OF INSPECTION: TEST AND BOL MATERIAL OWNER: BC
    SAMPLE SIZE: 1 QUART (FRICTION TOP) UPDATED: 05/21/2019
    CONTAINER1: 05 CONTAINER2: 
    MEASUREMENT: FLASH POINT, ROTATIONAL VISCOSITY, SOFTENING POINT,
    ELASTIC RECOVERY
    REMARK: IF TESTED, TESTID REQUIRED ON BOL
    CERT IS FOR THE GROUND TIRE RUBBER
    SPECIFICATIONS: CBM SPEC: GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER
    BC LAB HAS SPEC
-- MATERIAL: 10141  ASPHALT BINDER, PG 64-28, GROUND TIRE RUBBER 12%        TONS ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART (FRiction TOP)  UPDATED: 05/23/2019
CONTAINER1: 05  CONTAINER2:  
MEASUREMENT---: FLASH POINT, ROTATIONAL VISCOSITY, SOFTENING POINT, ELASTIC RECOVERY
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL CERT IS FOR THE GROUND TIRE RUBBER
SPECIFICATIONS: CBM SPEC: GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER
BC Lab Has SPEC

-- MATERIAL: 10142  ASPHALT BINDER, PERFORMANCE GRADED, PG 82-28 MODIFIED, (WMT) TONS ( )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION---: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART PER BATCH  UPDATED: 05/08/2020
CONTAINER1: 05  CONTAINER2:  
MEASUREMENT---: ODSR, STIFFNESS M-VALUE, POLYMER SEPARATION, ELASTIC RECOVERY MIGRATION TEST (HMA)
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL, THIS CODE IS FOR WAX MODIFIED HOT APPLIED ASPHALT TACK USE ONLY
SPECIFICATIONS: CBM SPEC: PROV FOR HMA-WAX MODIFIED HOT APPLIED ASPHALT TACK

-- MATERIAL: 10301  ROAD OIL, GRADE E-2 LIGHT        GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION---: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK  UPDATED: 11/15/2017
CONTAINER1: 01  CONTAINER2: 05 
MEASUREMENT---: SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY OF RESIDUE, SOLUBILITY, VISCOSITY
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.10

-- MATERIAL: 10302  ROAD OIL, GRADE E-3 MEDIUM        GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION---: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK  UPDATED: 11/15/2017
CONTAINER1: 01  CONTAINER2: 05 
MEASUREMENT---: SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY OF RESIDUE, SOLUBILITY, VISCOSITY
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.10

-- MATERIAL: 10303  ROAD OIL, GRADE E-4 HEAVY        GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION---: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK  UPDATED: 11/15/2017
CONTAINER1: 01  CONTAINER2: 05 
MEASUREMENT---: SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY OF RESIDUE, SOLUBILITY, VISCOSITY
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.10
--- MATERIAL: 10401 ASPHALT, LIQUID RAPID CURING GRADE RC-70
MATERIAL: 10401 ASPHALT, LIQUID RAPID CURING GRADE RC-70
MATERIAL: 10401 ASPHALT, LIQUID RAPID CURING GRADE RC-70
MATERIAL: 10401 ASPHALT, LIQUID RAPID CURING GRADE RC-70
MATERIAL: 10401 ASPHALT, LIQUID RAPID CURING GRADE RC-70

DETAILS:

METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC

SAMPLE SIZE: 1 QUART PER TRUCK OR TANK
UPDATED: 11/15/2017

MEASUREMENTS:
- SPG, PEN., DUCTILITY, SOLUBILITY,
- VISCOSITY, DISTILLATION

REMARK: IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.07

--- MATERIAL: 10501 ASPHALT, LIQUID MEDIUM CURING GRADE MC-30
MATERIAL: 10501 ASPHALT, LIQUID MEDIUM CURING GRADE MC-30
MATERIAL: 10501 ASPHALT, LIQUID MEDIUM CURING GRADE MC-30
MATERIAL: 10501 ASPHALT, LIQUID MEDIUM CURING GRADE MC-30
MATERIAL: 10501 ASPHALT, LIQUID MEDIUM CURING GRADE MC-30

DETAILS:

METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC

SAMPLE SIZE: 1 QUART PER TRUCK OR TANK
UPDATED: 11/15/2017

MEASUREMENTS:
- SPG, FLASH POINT, PEN., DUCTILITY, SOLUBILITY,
- VISCOSITY, DISTILLATION

REMARK: IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.08

--- MATERIAL: 10502 ASPHALT, LIQUID MEDIUM CURING GRADE MC-70
MATERIAL: 10502 ASPHALT, LIQUID MEDIUM CURING GRADE MC-70
MATERIAL: 10502 ASPHALT, LIQUID MEDIUM CURING GRADE MC-70
MATERIAL: 10502 ASPHALT, LIQUID MEDIUM CURING GRADE MC-70
MATERIAL: 10502 ASPHALT, LIQUID MEDIUM CURING GRADE MC-70

DETAILS:

METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC

SAMPLE SIZE: 1 QUART PER TRUCK OR TANK
UPDATED: 11/15/2017

MEASUREMENTS:
- SPG, FLASH POINT, PEN., DUCTILITY, SOLUBILITY,
- VISCOSITY, DISTILLATION

REMARK: IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.08

--- MATERIAL: 10503 ASPHALT, LIQUID MEDIUM CURING GRADE MC-250
MATERIAL: 10503 ASPHALT, LIQUID MEDIUM CURING GRADE MC-250
MATERIAL: 10503 ASPHALT, LIQUID MEDIUM CURING GRADE MC-250
MATERIAL: 10503 ASPHALT, LIQUID MEDIUM CURING GRADE MC-250
MATERIAL: 10503 ASPHALT, LIQUID MEDIUM CURING GRADE MC-250

DETAILS:

METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC

SAMPLE SIZE: 1 QUART PER TRUCK OR TANK
UPDATED: 11/15/2017

MEASUREMENTS:
- SPG, FLASH POINT, PEN., DUCTILITY, SOLUBILITY,
- VISCOSITY, DISTILLATION

REMARK: IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.08

--- MATERIAL: 10504 ASPHALT, LIQUID MEDIUM CURING GRADE MC-800
MATERIAL: 10504 ASPHALT, LIQUID MEDIUM CURING GRADE MC-800
MATERIAL: 10504 ASPHALT, LIQUID MEDIUM CURING GRADE MC-800
MATERIAL: 10504 ASPHALT, LIQUID MEDIUM CURING GRADE MC-800
MATERIAL: 10504 ASPHALT, LIQUID MEDIUM CURING GRADE MC-800

DETAILS:

METHOD OF ACCEPTANCE: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC

SAMPLE SIZE: 1 QUART PER TRUCK OR TANK
UPDATED: 11/15/2017

MEASUREMENTS:
- SPG, FLASH POINT, PEN., DUCTILITY, SOLUBILITY,
- VISCOSITY, DISTILLATION

REMARK: IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.08
--- MATERIAL: 10505  ASPHALT, LIQUID MEDIUM CURING GRADE MC-3000  
  GAL (LITER )  
  DESC1:  DESC2:  DESC3:  
  METHOD OF ACCEPTANCE---: QUAL  TEST  
  EVIDENCE OF INSPECTION---: LIST  TEST AND BOL  
  MATERIAL OWNER: BC  
  UPDATED: 11/15/2017  
  SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK  
  CONTAINER1: 01  CONTAINER2: 05  
  MEASUREMENT---: SPG, FLASH POINT, PEN., DUCTILITY, SOLUBILITY, VISCOSITY, DISTILLATION  
  REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL  
  SPECIFICATIONS: ART 1032.08

--- MATERIAL: 10521  ASPHALT, MULTI GRADE, CM300  
  GAL (LITER )  
  DESC1:  DESC2:  DESC3:  
  METHOD OF ACCEPTANCE---: QUAL  TEST  
  EVIDENCE OF INSPECTION---: LIST  TEST AND BOL  
  MATERIAL OWNER: BC  
  UPDATED: 02/27/2017  
  SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK  
  CONTAINER1: 05  CONTAINER2:  
  MEASUREMENT---: SPG, FLASH POINT, PEN., SOLUBILITY, FLOAT, VISCOSITY, DISTILLATION  
  REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL  
  SPECIFICATIONS: CHECK SHEET LRS18, CBM POLICY MEMO

--- MATERIAL: 10522  ASPHALT, MULTI GRADE CM-90  
  GAL (LITER )  
  DESC1:  DESC2:  DESC3:  
  METHOD OF ACCEPTANCE---: QUAL  TEST  
  EVIDENCE OF INSPECTION---: LIST  TEST AND BOL  
  MATERIAL OWNER: BC  
  UPDATED: 02/27/2017  
  SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK  
  CONTAINER1: 05  CONTAINER2:  
  MEASUREMENT---: SPG, FLASH POINT, PEN., SOLUBILITY, FLOAT, VISCOSITY, DISTILLATION  
  REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL  
  SPECIFICATIONS: CHECK SHEET LRS18, CBM POLICY MEMO

--- MATERIAL: 10523  ASPHALT, MULTI GRADE CM150  
  GAL (LITER )  
  DESC1:  DESC2:  DESC3:  
  METHOD OF ACCEPTANCE---: QUAL  TEST  
  EVIDENCE OF INSPECTION---: LIST  TEST AND BOL  
  MATERIAL OWNER: BC  
  UPDATED: 02/27/2017  
  SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK  
  CONTAINER1: 05  CONTAINER2:  
  MEASUREMENT---: SPG, FLASH POINT, PEN., SOLUBILITY, FLOAT, VISCOSITY, DISTILLATION  
  REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL  
  SPECIFICATIONS: CHECK SHEET LRS18, CBM POLICY MEMO

--- MATERIAL: 10601  ASPHALT, LIQUID SLOW CURING GRADE SC-70  
  GAL (LITER )  
  DESC1:  DESC2:  DESC3:  
  METHOD OF ACCEPTANCE---: QUAL  TEST  
  EVIDENCE OF INSPECTION---: LIST  TEST AND BOL  
  MATERIAL OWNER: BC  
  UPDATED: 11/15/2017  
  SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK  
  CONTAINER1: 01  CONTAINER2: 05  
  MEASUREMENT---: SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY OF RESIDUE, SOL., VISCOSITY, LOSS ON HEATING  
  REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL  
  SPECIFICATIONS: ART 1032.09
--- MATERIAL: 10602  ASPHALT, LIQUID SLOW CURING GRADE SC-250
      DESC1:  DESC2:  DESC3:  SMALLQTY:  
      METHOD OF ACCEPTANCE---:  QUAL  TEST  
      EVIDENCE OF INSPECTION:  LIST  TEST AND BOL  
      MATERIAL OWNER:  BC  
      SAMPLE SIZE---:  1 QUART PER TRUCK OR TANK  
      CONTAINER1:  01  CONTAINER2:  05  
      MEASUREMENT---:  SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY  
                        OF RESIDUE, SOL., VISCOSITY, LOSS ON HEATING  
      REMARK------- :  IF TESTED, TESTID REQUIRED ON BOL  
      SPECIFICATIONS:  ART 1032.09

--- MATERIAL: 10603  ASPHALT, LIQUID SLOW CURING GRADE SC-800
      DESC1:  DESC2:  DESC3:  SMALLQTY:  
      METHOD OF ACCEPTANCE---:  QUAL  TEST  
      EVIDENCE OF INSPECTION:  LIST  TEST AND BOL  
      MATERIAL OWNER:  BC  
      SAMPLE SIZE---:  1 QUART PER TRUCK OR TANK  
      CONTAINER1:  01  CONTAINER2:  05  
      MEASUREMENT---:  SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY  
                        OF RESIDUE, SOL., VISCOSITY, LOSS ON HEATING  
      REMARK------- :  IF TESTED, TESTID REQUIRED ON BOL  
      SPECIFICATIONS:  ART 1032.09

--- MATERIAL: 10604  ASPHALT, LIQUID SLOW CURING GRADE SC-3000
      DESC1:  DESC2:  DESC3:  SMALLQTY:  
      METHOD OF ACCEPTANCE---:  QUAL  TEST  
      EVIDENCE OF INSPECTION:  LIST TEST AND BOL  
      MATERIAL OWNER:  BC  
      SAMPLE SIZE---:  1 QUART PER TRUCK OR TANK  
      CONTAINER1:  01  CONTAINER2:  05  
      MEASUREMENT---:  SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY  
                        OF RESIDUE, SOL., VISCOSITY, LOSS ON HEATING  
      REMARK------- :  IF TESTED, TESTID REQUIRED ON BOL  
      SPECIFICATIONS:  ART 1032.09

--- MATERIAL: 10702  ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-2
      DESC1:  DESC2:  DESC3:  SMALLQTY:  
      METHOD OF ACCEPTANCE---:  QUAL  TEST  
      EVIDENCE OF INSPECTION:  LIST TEST AND BOL  
      MATERIAL OWNER:  BC  
      SAMPLE SIZE---:  1 GALLON PER BATCH  
      CONTAINER1:  04  CONTAINER2:  
      MEASUREMENT---:  DENSITY, PEN., DUCTILITY, SOL., VISCOSITY, DISTILLATION  
                        SIEVE TEST, DEMULSIBILITY, STORAGE STABILITY  
      REMARK------- :  IF TESTED, TESTID REQUIRED ON BOL  
      SPECIFICATIONS:  ART 1032.06A, AASHTO M140

--- MATERIAL: 10705  ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1
      DESC1:  DESC2:  DESC3:  SMALLQTY:  
      METHOD OF ACCEPTANCE---:  QUAL  TEST  
      EVIDENCE OF INSPECTION:  LIST TEST AND BOL  
      MATERIAL OWNER:  BC  
      SAMPLE SIZE---:  1 GALLON PER BATCH  
      CONTAINER1:  04  CONTAINER2:  
      MEASUREMENT---:  DENSITY, PEN., DUCTILITY, SOL., VISCOSITY, DISTILLATION,  
                        SIEVE TEST, STORAGE STABILITY, CEMENT MIX. TEST  
      REMARK------- :  IF TESTED, TESTID REQUIRED ON BOL  
      SPECIFICATIONS:  ART 1032.06A, AASHTO M140
--> MATERIAL: 10706  ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1H  GAL (LITER )
METHOD OF ACCEPTANCE--->: QUAL  TEST
EVIDENCE OF INSPECTION:-: LIST  TEST  AND  BOL  MATERIAL OWNER:  BC
SAMPLE SIZE---: 1 GALLON PER BATCH  UPDATED: 02/27/2017
CONTAINER1: 04  CONTAINER2:
MEASUREMENT---: DENSITY, PEN., DUCTILITY, SOL., VISCOITY, DISTILLATION,
SIEVE TEST, STORAGE STABILITY, CEMENT MIX. TEST
REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL
IF USED AS TACK COAT, SPEC PROV WAIVES CEMENT MIXING
SPECIFICATIONS: ART 1032.06A, AASHTO M140, BDE SPEC PROV

--> MATERIAL: 10709  ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GR SS-1HP, POLYMER GAL (LITER )
METHOD OF ACCEPTANCE--->: QUAL  TEST
EVIDENCE OF INSPECTION:-: LIST  TEST  AND  BOL  MATERIAL OWNER:  BC
SAMPLE SIZE---: 1 GALLON PER BATCH  UPDATED: 01/22/2020
CONTAINER1: 04  CONTAINER2:
MEASUREMENT---: VISCOITY, STORAGE STABILITY, DENSITY, SIEVE, DISTILLATION,
PEN., SOLUBILITY, ELASTIC RECOVERY
REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.06F(1), AASHTO M316

--> MATERIAL: 10710  ASPHALT, RAPID SETTING EMULSION, POLYMER MODIFIED (RSP)  GAL (LITER )
METHOD OF ACCEPTANCE--->: QUAL  TEST
EVIDENCE OF INSPECTION:-: LIST  TEST  AND  BOL  MATERIAL OWNER:  BC
SAMPLE SIZE---: 1 GALLON PER BATCH  UPDATED: 11/15/2017
CONTAINER1: 04  CONTAINER2:
MEASUREMENT---: VISCOITY, STORAGE STABILITY, SIEVE TEST, RESIDUE
DEMULSIBILITY, PEN., ELASTIC RECOVERY, DENSITY
REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL
ORIGINALY CREATED FOR NOVABOND
SPECIFICATIONS: SPEC PROV FOR ULTRA-THIN BONDED WEARING COARSE

--> MATERIAL: 10712  ASPHALT, ANIONIC EMULSION, NON-TRACKING, NTEA  GAL ( )
METHOD OF ACCEPTANCE--->: QUAL  TEST
EVIDENCE OF INSPECTION:-: LIST  TEST  AND  BOL  MATERIAL OWNER:  BC
SAMPLE SIZE---: 1 GALLON PER BATCH  UPDATED: 01/22/2020
CONTAINER1: 04  CONTAINER2:
MEASUREMENT---: DENSITY, VISCOITY, STORAGE STABILITY, SIEVE, RESIDUE
SOFTENING POINT, SOLUBILITY, ASH, PEN.
REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: D&E SPEC PROV FOR EMULSIFIED ASPHALTS, ART 1032.06(G)

--> MATERIAL: 10726  ASPHALT, HIGH FLOAT ANIONIC EMUL, RAPID SET, POLYMER HFRS-2P GAL ( )
METHOD OF ACCEPTANCE--->: QUAL  TEST
EVIDENCE OF INSPECTION:-: LIST  TEST  AND  BOL  MATERIAL OWNER:  BC
SAMPLE SIZE---: 1 GALLON PER BATCH  UPDATED: 01/22/2020
CONTAINER1: 04  CONTAINER2:
MEASUREMENT---: VISCOITY, STOR. STAB., SIEVE TEST, PEN., DEN,
DISTILLATION, ELASTIC RECOVERY, FLOAT TEST, ASH
REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: D&E SPEC PROV FOR EMULSIFIED ASPHALTS, ART 1032.06(F),
AASHTO M316
SPECIFICATIONS:

REMARK

MEASUREMENT

CONTAINER1: SAMPLE

---

MATERIAL: 10802 ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90

GAL (LITER )

METHOD OF ACCEPTANCE---: QUAL TEST

EVIDENCE OF INSPECTION: LIST TEST AND BOL

MATERIAL OWNER: BC

SAMPLE SIZE---: 1 GALLON PER BATCH

UPDATED: 11/15/2017

CONTAINER1: 04 CONTAINER2:

MEASUREMENT---: DENSITY, VISCOSITY, DISTILLATION, PEN., SIEVE TEST, STORAGE STABILITY, COATING TEST, FLOAT TEST

REMARK------- : IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.06C

---

MATERIAL: 10803 ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-150

GAL (LITER )

METHOD OF ACCEPTANCE---: QUAL TEST

EVIDENCE OF INSPECTION: LIST TEST AND BOL

MATERIAL OWNER: BC

SAMPLE SIZE---: 1 GALLON PER BATCH

UPDATED: 11/15/2017

CONTAINER1: 04 CONTAINER2:

MEASUREMENT---: DENSITY, VISCOSITY, DISTILLATION, PEN., SIEVE TEST, STORAGE STABILITY, COATING TEST, FLOAT TEST

REMARK------- : IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.06C

---

MATERIAL: 10804 ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-300

GAL (LITER )

METHOD OF ACCEPTANCE---: QUAL TEST

EVIDENCE OF INSPECTION: LIST TEST AND BOL

MATERIAL OWNER: BC

SAMPLE SIZE---: 1 GALLON PER BATCH

UPDATED: 11/15/2017

CONTAINER1: 04 CONTAINER2:

MEASUREMENT---: DENSITY, VISCOSITY, DISTILLATION, PEN., SIEVE TEST, STORAGE STABILITY, COATING TEST, FLOAT TEST

REMARK------- : IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART. 1032.06C

---

MATERIAL: 10902 ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2

GAL (LITER )

METHOD OF ACCEPTANCE---: QUAL TEST

EVIDENCE OF INSPECTION: LIST TEST AND BOL

MATERIAL OWNER: BC

SAMPLE SIZE---: 1 GALLON PER BATCH

UPDATED: 11/15/2017

CONTAINER1: 04 CONTAINER2:

MEASUREMENT---: DENSITY, PEN., DUCTILITY, SOL., VISCOSITY, SIEVE TEST, DISTILLATION, DEMULSIBILITY, STOR. STAB., PART. CH. TEST

REMARK------- : IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.06B, AASHTO M208

---

MATERIAL: 10905 ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1

GAL (LITER )

METHOD OF ACCEPTANCE---: QUAL TEST

EVIDENCE OF INSPECTION: LIST TEST AND BOL

MATERIAL OWNER: BC

SAMPLE SIZE---: 1 GALLON PER BATCH

UPDATED: 11/15/2017

CONTAINER1: 04 CONTAINER2:

MEASUREMENT---: DENSITY, PEN., DUCTILITY, SOL., VISCOSITY, DISTILLATION, CEMENT MIX. TEST, SIEVE TEST, STOR. STAB., PART. CH.

REMARK------- : IF TESTED, TESTID REQUIRED ON BOL

SPECIFICATIONS: ART 1032.06B, AASHTO M208
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 100 BITUMINOUS MATERIALS

--- MATERIAL: 10906 ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H

METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON PER BATCH
UPDATED: 11/15/2017
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: DENSITY, PEN., DUCTILITY, SOL., VISCOSITY, DISTILLATION, CEMENT MIX. TEST, SIEVE TEST, STOR. STAB., PART. CH.
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.06B, AASHTO M208

--- MATERIAL: 10908 ASPHALT, CATIONIC EMULSIFIED, SLOW SETTING OR CSS-1HP, POLYMER

METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON PER BATCH
UPDATED: 01/22/2020
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: VISCOSITY, STORAGE STABILITY, DENSITY, SIEVE, DISTILLATION, PEN., SOLUBILITY, ELASTIC RECOVERY, PART. CH.
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.06F, AASHTO M316

--- MATERIAL: 10913 ASPHALT, PENETRATING EMULSIFIED PRIME (PEP)

METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON
UPDATED: 11/15/2017
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: SAND PEN., DISTILLATION, SIEVE TEST, VISCOSITY, DENSITY
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.06D

--- MATERIAL: 10916 ASPHALT, HIGH FLOAT ANIONIC EMULSIFIED, RAPID SET (HFRS-2)

METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON
UPDATED: 11/15/2017
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: VIS, SIEVE TEST, DISTILLATION, FLOAT TEST, DENSITY, DUCTILITY, SOL., DEMULSIBILITY, STOR. STAB., PEN
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.06A, AASHTO M140

--- MATERIAL: 10919 ASPHALT, EMULSIFIED, PENETRATING (PEA)

METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON
UPDATED: 11/15/2017
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: VISC., SIEVE TEST, FLOAT, STOR. STAB., COATING, DIST., PEN.
PARTIAL CHARGE, PH, DENSITY
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: SPEC PROV LR1032-1 AND M17
--- MATERIAL: 10927  ASPHALT, EMULSION, COLD IN-PLACE RECYCLING(CIR-FDR EMULSION) GAL (LITER)
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON UPDATED: 02/27/2017
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: VISCOSITY, DISTILLATION, SIEVE TEST, PEN., DENSITY, STORAGE STABILITY
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: LR400-4, LR400-5

--- MATERIAL: 10928  ASPHALT, CATIONIC EMULSION, QUICK SET, POLYMER CQS-1HP
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON PER BATCH UPDATED: 01/22/2020
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: VIS, PART. CHARGE, SIEVE, PEN., DISTILLATION, SOL, DENSITY, SOFT PT., ASH
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: D&E SPEC Prov FOR EMULSIFIED ASPHALTS, ART 1032.06(F), AASHTO M316

--- MATERIAL: 10929  ASPHALT, CATIONIC EMULSION, RAPID SET, POLYMER CRS-2P
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON PER BATCH UPDATED: 01/22/2020
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: VIS, STOR STAB, PART. CHARGE, SIEVE, PEN., SOL, DISTILLATION, DEMULSIBILITY, DENSITY, ASH, ELASTIC RECOVERY
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: D&E SPEC Prov FOR EMULSIFIED ASPHALTS, ART 1032.06(F), AASHTO M316

--- MATERIAL: 10930  ASPHALT, CATIONIC EMULSION, GRADE CQS-1H
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION: LIST TEST AND BOL MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GALLON PER BATCH UPDATED: 11/10/2020
CONTAINER1: 04 CONTAINER2:
MEASUREMENT---: DENSITY, VISCOSITY, PART. CHARGE, SIEVE TEST, DISTILLATION, PEN., DUCTILITY, SOL., ASH
REMARK--------: IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.06(B), AASHTO M208
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--> MATERIAL: 17506 MIXTURE FOR CRACKS, JOINTS & FLANGEWAYS TONS (M TON) DESC1: DESC2: DESC3: SMALLQTY:.
METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION: DPR AND TICK MATERIAL OWNER: BM
SAMPLE SIZE---: CONTAINER1: 13 CONTAINER2:
MEASUREMENT---: ASPHALT BINDER CONTENT, GRADATION REMARK--------: SMALL QUANTITY ACCEPTANCE GENERALLY USED - VIS SPECIFICATIONS: ART 1030.07 ART 1030.05(D)(2)D.

--> MATERIAL: 17904 COLD IN-PLACE RECYCLING (CIR) SQYD (SQ M) DESC1: DESC2: DESC3: SMALLQTY:.
METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION: TEST MATERIAL OWNER: RS
SAMPLE SIZE---: 150 LBS UPDATED: 01/12/2021 CONTAINER1: 03 CONTAINER2:
MEASUREMENT---: ASPHALT CONTENT, WATER CONTENT, COLD PULVERIZED GRADATION, DENSITY REMARK--------: COLD PULVERIZED GRADATION IS RAN BEFORE NEW ASPHALT IS ADDED SPECIFICATIONS: CONTRACT SPEC PROV OR LR 400-5, LR 400-6 "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--> MATERIAL: 17905 COLD CENTRAL PLANT RECYCLING (CCPR) SQYD ( ) DESC1: DESC2: DESC3: SMALLQTY:.
METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION: TEST MATERIAL OWNER: RS
SAMPLE SIZE---: 150 LBS UPDATED: 01/12/2021 CONTAINER1: 03 CONTAINER2:
MEASUREMENT---: ASPHALT CONTENT, WATER CONTENT, COLD PULVERIZED GRADATION, DENSITY REMARK--------: COLD PULVERIZED GRADATION IS RAN BEFORE NEW ASPHALT IS ADDED SPECIFICATIONS: CONTRACT SPEC PROV "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--> MATERIAL: 18002 BITUMINOUS MAINTENANCE MIXTURE, M17 TONS (M TON) DESC1: DESC2: DESC3: SMALLQTY:.
METHOD OF ACCEPTANCE---: CERT EVIDENCE OF INSPECTION: BOL MATERIAL OWNER: BM
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK--------:
SPECIFICATIONS: IDOT M-17

--> MATERIAL: 18021 BITUMINOUS MAINTENANCE MIXTURE M-120 TONS (M TON) DESC1: DESC2: DESC3: SMALLQTY:.
METHOD OF ACCEPTANCE---: CERT EVIDENCE OF INSPECTION: BOL MATERIAL OWNER: BM
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK--------:
SPECIFICATIONS: IDOT M-120
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

---> MATERIAL: 18035 BITUMINOUS MAINTENANCE MIXTURE, M19  TONS (M TON )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: BOL
MATERIAL OWNER: BM
SAMPLE SIZE---:
UPDATED: 04/30/2021
CONTAINER1:    CONTAINER2:
MEASUREMENT---:
REMARK------- :
SPECIFICATIONS: IDOT M-19

---> MATERIAL: 18201 BITUMINOUS CURBING  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
UPDATED: 05/15/2019
CONTAINER1:  03 CONTAINER2:  16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY
REMARK------- :
SPECIFICATIONS: SEC 1030
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---> MATERIAL: 18299 COLD MIX ASPHALT, OPEN GRADED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK
MATERIAL OWNER: BM
SAMPLE SIZE---: 5000 GRAMS
UPDATED: 08/14/2017
CONTAINER1:  13 CONTAINER2:  16
MEASUREMENT---: AC CONTENT, GRADATION
REMARK------- :
SPECIFICATIONS: D5 CONTRACT SPEC PROV

---> MATERIAL: 18306 BITUMINOUS CONCRETE SURFACE COURSE, ULTRA-THIN ASPF FRICTION  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK
MATERIAL OWNER: RS
SAMPLE SIZE---: 150 LBS
UPDATED: 02/21/2019
CONTAINER1:  16 CONTAINER2:
MEASUREMENT---: GRADATION, ASPHALT BINDER CONTENT
REMARK------- :
SPECIFICATIONS: BDE SPEC PROV FOR ULTRA THIN BONDED WEARING COURSE

---> MATERIAL: 18405 ASPHALT SAND SEAL PROTECTIVE LAYER MIXTURE  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK
MATERIAL OWNER: BM
SAMPLE SIZE---:
UPDATED: 11/14/2017
CONTAINER1:  13 CONTAINER2:  16
MEASUREMENT---: GRADATION, ASPHALT CONTENT
REMARK------- :
SPECIFICATIONS: ART 1061.06, 581.07
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 18461F  HOT MIX ASPHALT, SURFACE COURSE, N90, FINE GRADED TONS ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
  CONTAINER1: 03 CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
  DENSITY, HAMBURG WHEEL, I-FIT, TSR
  REMARK--------:
  SPECIFICATIONS: CBM SPEC PROV FOR HOT MIX ASPHALT MIXTURE IL 9.5FG
  SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 18462F1  HOT MIX ASPHALT, SURFACE COURSE, N90, FINE GRADED, SPRINKLE TONS ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
  CONTAINER1: 03 CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION
  DENSITY, HAMBURG WHEEL, I-FIT, TSR
  REMARK--------: USED THIS MIX AS LEVEL BINDER MINUS THE SPRINKLES
  SPECIFICATIONS: CONTRACT 60K41 SPEC PROV
  SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 18888  WARM MIX ASPHALT, EXPERIMENTAL, MISTIC TRACKING TONS ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
  CONTAINER1: 03 CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
  DENSITY, HAMBURG WHEEL, I-FIT, TSR
  REMARK--------:
  SPECIFICATIONS: BDE SPEC PROV FOR WARM MIX ASPHALT
  SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19504  HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L TONS (MTON)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
  CONTAINER1: 03 CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
  DENSITY, I-FIT, TSR
  REMARK--------:
  SPECIFICATIONS: SEC 1030
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19504R  HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L, RECYCLED  TONS (M TON)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION#: DPR AND TICK AND TEST  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS  UPDATED: 02/07/2020
  CONTAINER1: 03  CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, I-FIT, TSR
  REMARK-------- : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19505  HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L  TONS (M TON)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION#: DPR AND TICK AND TEST  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS  UPDATED: 02/07/2020
  CONTAINER1: 03  CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, I-FIT, TSR
  REMARK-------- : SPECIFICATIONS: SEC 1030,
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19505R  HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L, RECYCLED  TONS (M TON)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION#: DPR AND TICK AND TEST  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS  UPDATED: 02/07/2020
  CONTAINER1: 03  CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, I-FIT, TSR
  REMARK-------- : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19510  HOT MIX ASPHALT, N50, 4.75  TONS (M TON)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION#: DPR AND TICK AND TEST  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS  UPDATED: 02/07/2020
  CONTAINER1: 03  CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA, DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
  REMARK-------- : SPECIFICATIONS: SEC 1030,
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19510R  HOT MIX ASPHALT, N50, 4.75, RECYCLED  TONS (M TON)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION#: DPR AND TICK AND TEST  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS  UPDATED: 02/07/2020
  CONTAINER1: 03  CONTAINER2: 16
  MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA, DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
  REMARK-------- : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19512  HOT MIX ASPHALT, BINDER COURSE, N50, 19.0  TONS (M TON )
METHOD OF ACCEPTANCE:---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE:---: 150 LBS
UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2:  16
MEASUREMENT:---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK:--- : SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19512R  HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE:---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE:---: 150 LBS
UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2:  16
MEASUREMENT:---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK:--- : SPECIFICATIONS: SEC 1030, BDE SPEC RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19513  HOT MIX ASPHALT, SURFACE COURSE, N50, C  TONS (M TON )
METHOD OF ACCEPTANCE:---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE:---: 150 LBS
UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2:  16
MEASUREMENT:---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK:--- : SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19513F  HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED  TONS (M TON )
METHOD OF ACCEPTANCE:---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE:---: 150 LBS
UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2:  16
MEASUREMENT:---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK:--- : SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE,
SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19513R  HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED, REC  TONS (M TON )
METHOD OF ACCEPTANCE:---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE:---: 150 LBS
UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2:  16
MEASUREMENT:---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK:--- : SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, BDE SPEC
RAP & RAS, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
--- MATERIAL: 19513R  HOT MIX ASPHALT, SURFACE COURSE, N50, C, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 02/07/2020
CONTAINER1: 03  CONTAINER2:  16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19514  HOT MIX ASPHALT, SURFACE COURSE, N50, D  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/25/2019
CONTAINER1: 03  CONTAINER2:  16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: SEC 1030,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19514F  HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 02/07/2020
CONTAINER1: 03  CONTAINER2:  16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE,
SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19514FR  HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED, REC  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 02/07/2020
CONTAINER1: 03  CONTAINER2:  16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, BDE SPEC RAP & RAS, SEC 1030, MANUAL OF TEST PROCEDURES FOR MATLS

--- MATERIAL: 19514R  HOT MIX ASPHALT, SURFACE COURSE, N50, D, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/25/2019
CONTAINER1: 03  CONTAINER2:  16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--> MATERIAL: 19515 HOT MIX ASPHALT, SURFACE COURSE, N50, E TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR  AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--> MATERIAL: 19515R HOT MIX ASPHALT, SURFACE COURSE, N50, E, RECYCLED TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR  AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--> MATERIAL: 19516 HOT MIX ASPHALT, SURFACE COURSE, N50, F TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR  AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--> MATERIAL: 19516R HOT MIX ASPHALT, SURFACE COURSE, N50, F, RECYCLED TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR  AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--> MATERIAL: 19522 HOT MIX ASPHALT, BINDER COURSE, N70, 19.0 TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR  AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19522R  HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- :
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19523  HOT MIX ASPHALT, SURFACE COURSE, N70, C  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- :
SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19523F  HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- :
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE,
SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19523FR  HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED REC  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- :
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, BDE SPEC
RAP & RAS, SEC 1030, MANUAL OF TEST PROCEDURES FOR MATLS

--- MATERIAL: 19523R  HOT MIX ASPHALT, SURFACE COURSE, N70, C, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- :
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19524 HOT MIX ASPHALT, SURFACE COURSE, N70, D TONS (M TON)
DESC1:       DESC2:       DESC3:       SMALLQTY: 
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
               DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: 
SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19524F HOT MIX ASPHALT, SURFACE COURSE, N70, D, FINE GRADED TONS ( )
DESC1:       DESC2:       DESC3:       SMALLQTY: 
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
               DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: 
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE,
               SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19524FR HOT MIX ASPHALT, SURFACE COURSE, N70, D, FINE GRADED REC TONS ( )
DESC1:       DESC2:       DESC3:       SMALLQTY: 
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
               DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: 
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, BDE SPEC
               RAP & RAS, SEC 1030, MANUAL OF TEST PROCEDURES FOR MATLS

--- MATERIAL: 19524R HOT MIX ASPHALT, SURFACE COURSE, N70, D, RECYCLED TONS (M TON)
DESC1:       DESC2:       DESC3:       SMALLQTY: 
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
               DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: 
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
               "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19525 HOT MIX ASPHALT, SURFACE COURSE, N70, E TONS (M TON)
DESC1:       DESC2:       DESC3:       SMALLQTY: 
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
               DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: 
SPECIFICATIONS: SEC 1030,
               "MANUAL OF TEST PROCEDURES FOR MATERIALS"
SPECIFICATIONS:
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE

---

MATERIAL: 19525R  HOT MIX ASPHALT, SURFACE COURSE, N70, E, RECYCLED  TONS (M TON)
DESC1:
DESC2:
DESC3:
SMALLQTY: .
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
UPDATED: 01/25/2019
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------- :
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---

MATERIAL: 19526  HOT MIX ASPHALT, SURFACE COURSE, N70, F  TONS (M TON)
DESC1:
DESC2:
DESC3:
SMALLQTY: .
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
UPDATED: 01/25/2019
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------- :
SPECIFICATIONS: SEC 1030,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---

MATERIAL: 19526R  HOT MIX ASPHALT, SURFACE COURSE, N70, F, RECYCLED  TONS (M TON)
DESC1:
DESC2:
DESC3:
SMALLQTY: .
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
UPDATED: 01/25/2019
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------- :
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---

MATERIAL: 19532  HOT MIX ASPHALT, BINDER COURSE, N90, 19.0  TONS (M TON)
DESC1:
DESC2:
DESC3:
SMALLQTY: .
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
UPDATED: 01/25/2019
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------- :
SPECIFICATIONS: SEC 1030,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---

MATERIAL: 19532R  HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, RECYCLED  TONS (M TON)
DESC1:
DESC2:
DESC3:
SMALLQTY: .
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
UPDATED: 02/07/2020
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------- :
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
SPECIFICATIONS
REMARK
MEASUREMENT
SAMPLE
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT--->: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- : 
SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19533R HOT MIX ASPHALT, SURFACE COURSE, N90, C, RECYCLED TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE--->: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT--->: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- : 
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19534 HOT MIX ASPHALT, SURFACE COURSE, N90, D TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE--->: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT--->: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- : 
SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19534F HOT MIX ASPHALT, SURFACE COURSE, N90, D, FINE GRADED TONS ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE--->: 150 LBS UPDATED: 05/21/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT--->: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- : 
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, SEC 1030, MANUAL OF TEST PROCEDURES FOR MATLS

--- MATERIAL: 19534FR HOT MIX ASPHALT, SURFACE COURSE, N90, D, FINE GRADED, REC TONS ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE--->: 150 LBS UPDATED: 05/21/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT--->: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK-------- : 
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, BDE SPEC RAP & RAS, SEC 1030, MANUAL OF TEST PROCEDURES FOR MATLS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19534R HOT MIX ASPHALT, SURFACE COURSE, N90, D, RECYCLED TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19535 HOT MIX ASPHALT, SURFACE COURSE, N90, E TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19535R HOT MIX ASPHALT, SURFACE COURSE, N90, E, RECYCLED TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19536 HOT MIX ASPHALT, SURFACE COURSE, N90, F TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19536R HOT MIX ASPHALT, SURFACE COURSE, N90, F, RECYCLED TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 01/25/2019
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK------ : SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19604  HOT MIX ASPHALT, BINDER, N50, 9.5  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR  AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/10/2020
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REM ARK--------- : THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS: SEC 1030,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19604F  HOT MIX ASPHALT, BINDER, N50, 9.5, FINE GRADED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR  AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/10/2020
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REM ARK--------- : THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE,
SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19604FR  HOT MIX ASPHALT, BINDER, N50, 9.5, FINE GRADED, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR  AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/10/2020
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REM ARK--------- : THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, BDE SPEC
RAP & RAS, SEC 1030, MANUAL OF TEST PROCEDURES FOR MATLS

--- MATERIAL: 19604R  HOT MIX ASPHALT, BINDER, N50, 9.5, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR  AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/10/2020
CONTAINER1: 03  CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REM ARK--------- : THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

---> MATERIAL: 19605  HOT MIX ASPHALT, BINDER, N70, 9.5  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/10/2020
CONTAINER1:  03  CONTAINER2:  16
MEASUREMENT---:  AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------:  THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS:  SEC 1030,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---> MATERIAL: 19605F  HOT MIX ASPHALT, BINDER, N70, 9.5, FINE GRADED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/10/2020
CONTAINER1:  03  CONTAINER2:  16
MEASUREMENT---:  AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------:  THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS:  BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE,
SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

---> MATERIAL: 19605FR  HOT MIX ASPHALT, BINDER, N70, 9.5, FINE GRADED, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/10/2020
CONTAINER1:  03  CONTAINER2:  16
MEASUREMENT---:  AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------:  THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS:  BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, BDE SPEC
RAP & RAS, SEC 1030, MANUAL OF TEST PROCEDURES FOR MATLS

---> MATERIAL: 19605R  HOT MIX ASPHALT, BINDER, N70, 9.5, RECYCLED  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST  MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS  UPDATED: 01/10/2020
CONTAINER1:  03  CONTAINER2:  16
MEASUREMENT---:  AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------:  THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS:  SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19606    HOT MIX ASPHALT, BINDER, N90, 9.5    TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
CONTAINER1: 03    CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19606F    HOT MIX ASPHALT, BINDER, N90, 9.5, FINE GRADED    TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
CONTAINER1: 03    CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE,
SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19606FR    HOT MIX ASPHALT, BINDER, N90, 9.5, FINE GRADED, RECYCLED    TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
CONTAINER1: 03    CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA,
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS: BDE SPEC HOT MIX ASPHALT BINDER AND SURFACE COURSE, BDE SPEC
RAP & RAS, SEC 1030, MANUAL OF TEST PROCEDURES FOR MATERIALS

--- MATERIAL: 19606R    HOT MIX ASPHALT, BINDER, N90, 9.5, RECYCLED    TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST
MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS
CONTAINER1: 03    CONTAINER2: 16
MEASUREMENT---: AIR VOIDS, ASPHALT BINDER CONTENT, GRADATION, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR
REMARK--------: THIS CODE IS ONLY TO BE USED WHEN "C" QUALITY CHIPS AND
ABOVE ARE USED
SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

---> MATERIAL: 19650  STONE MATRIX ASPHALT, BINDER, N50, 12.5 TONS ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK-------- :
SPECIFICATIONS: SEC 1030,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---> MATERIAL: 19650R STONE MATRIX ASPHALT, BINDER, N50, 12.5, RECYCLED TONS ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK-------- :
SPECIFICATIONS: SEC 1030, BDE FOR RAP & RAS, BDE FRICTION AGG,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---> MATERIAL: 19651  STONE MATRIX ASPHALT, SURFACE, N50, 12.5, C TONS ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK-------- :
SPECIFICATIONS: SEC 1030,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---> MATERIAL: 19651R STONE MATRIX ASPHALT, SURFACE, N50, 12.5, C, RECYCLED TONS ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK-------- :
SPECIFICATIONS: SEC 1030, BDE FOR RAP & RAS,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---> MATERIAL: 19652  STONE MATRIX ASPHALT, SURFACE, N50, 12.5, D TONS ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK-------- :
SPECIFICATIONS: SEC 1030,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

-- MATERIAL: 19652R STONE MATRIX ASPHALT, SURFACE, N50, 12.5, D, RECYCLED TONS ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS
  UPDATED: 02/07/2020
  CONTAINER1: 03       CONTAINER2: 16
  MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
  DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
  REMARK---------:
  SPECIFICATIONS: SEC 1030, BDE FOR RAP & RAS,
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

-- MATERIAL: 19653 STONE MATRIX ASPHALT, BINDER, N80, 12.5 TONS ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS
  UPDATED: 02/07/2020
  CONTAINER1: 03       CONTAINER2: 16
  MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
  DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
  REMARK---------:
  SPECIFICATIONS: SEC 1030,
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

-- MATERIAL: 19653R STONE MATRIX ASPHALT, BINDER, N80, 12.5, RECYCLED TONS ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS
  UPDATED: 02/07/2020
  CONTAINER1: 03       CONTAINER2: 16
  MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
  DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
  REMARK---------:
  SPECIFICATIONS: SEC 1030, BDE FOR RAP & RAS,
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

-- MATERIAL: 19654 STONE MATRIX ASPHALT, SURFACE, N80, 12.5, E TONS ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS
  UPDATED: 02/07/2020
  CONTAINER1: 04       CONTAINER2: 16
  MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
  DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
  REMARK---------:
  SPECIFICATIONS: SEC 1030,
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

-- MATERIAL: 19654R STONE MATRIX ASPHALT, SURFACE, N80, 12.5, E, RECYCLED TONS ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 150 LBS
  UPDATED: 02/07/2020
  CONTAINER1: 03       CONTAINER2: 16
  MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA
  DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
  REMARK---------:
  SPECIFICATIONS: SEC 1030, BDE FOR RAP & RAS,
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19655: STONE MATRIX ASPHALT, SURFACE, N80, 12.5, F TONS ( )

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK--------: SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19655R: STONE MATRIX ASPHALT, SURFACE, N80, 12.5, F, RECYCLED TONS ( )

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK--------: SPECIFICATIONS: SEC 1030, BDE FOR RAP & RAS, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19664: STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E TONS (M TON )

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 04/01/2021
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK--------: SPECIFICATIONS: SEC 1030, BDE SPEC HOT MIX ASPHALT BINDER & SURFACE COURSE, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19664R: STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E, RECYCLED TONS (M TON )

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 04/01/2021
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK--------: SPECIFICATIONS: SEC 1030, BDE SPEC HOT MIX ASPHALT BINDER & SURFACE COURSE, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19665: STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F TONS (M TON )

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 150 LBS UPDATED: 04/01/2021
CONTAINER1: 03 CONTAINER2: 16
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
REMARK--------: SPECIFICATIONS: SEC 1030, BDE SPEC HOT MIX ASPHALT BINDER & SURFACE COURSE, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--> MATERIAL: 19665R  STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F, RECYCLED TONS (M TON )  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST  
MATERIAL OWNER: BM  
SAMPLE SIZE---: 150 LBS  
UPDATED: 04/01/2021  
CONTAINER1: 03  CONTAINER2: 16  
MEASUREMENT---: GRAD, ASPHALT BINDER CONTENT, AIR VOIDS, FIELD VMA DENSITY, HAMBURG WHEEL, I-FIT, TSR, DRAINDOWN
SPECIFICATIONS: SEC 1030, BDE SPEC HOT MIX ASPHALT BINDER & SURFACE COURSE, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--> MATERIAL: 19901  BITUMINOUS MIXTURE, SLURRY SEAL  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION---: CERT  
MATERIAL OWNER: RS  
SAMPLE SIZE---:  
UPDATED: 02/21/2019  
CONTAINER1:  
CONTAINER2:  
MEASUREMENT---:  
REMARK-------:  
SPECIFICATIONS: SEC 404, SUPPLEMENTAL SPEC

--> MATERIAL: 19921  BITUMINOUS MIXTURE, MICRO-SURFACING, C  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION---: CERT  
MATERIAL OWNER: RS  
SAMPLE SIZE---:  
UPDATED: 02/21/2019  
CONTAINER1:  
CONTAINER2:  
MEASUREMENT---: SEE SPECIAL PROVISION AND/OR MANUAL OF INSTRUCTIONS FOR BITUMINOUS PROPORTIONING & TESTING
REMARK-------:  
SPECIFICATIONS: SEC 404, SUPPLEMENTAL SPEC
<table>
<thead>
<tr>
<th>MATERIAL: 20101</th>
<th>FRAME, TYPE 1</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 02/27/2008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20102</th>
<th>FRAME, TYPE 3</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 02/27/2008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20103</th>
<th>FRAME, TYPE 4</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 07/21/2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20104</th>
<th>FRAME, TYPE 5</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 07/21/2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING. TENSILE STRENGTH OF TEST BAR.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT. VISUAL INSPECTION AT DESTINATION.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART. 710.17, AASHTO M 105, HWY.STD. 2226</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20105</th>
<th>FRAME, TYPE 6</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 07/21/2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING. TENSILE STRENGTH OF TEST BAR.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT. VISUAL INSPECTION AT DESTINATION.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART. 710.17, AASHTO M 105, HWY. STD. 2215</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 200 CASTINGS

--> MATERIAL: 20106  FRAME, TYPE 9  EA (EA  )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/21/2020
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT, & APPEARANCE OF CASTING; TENSILE
STRENGTH OF TEST BAR
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 604.03
ART 1006.14, HWY STD

--> MATERIAL: 20107  FRAME, TYPE 10  EA (EA  )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/21/2020
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT, & APPEARANCE OF CASTING; TENSILE
STRENGTH OF TEST BAR
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 604.03
ART 1006.14, HWY STD

--> MATERIAL: 20108  FRAME, TYPE 11  EA (EA  )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/21/2020
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT, & APPEARANCE OF CASTING; TENSILE
STRENGTH OF TEST BAR
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 604.03
ART 1006.14, HWY STD

--> MATERIAL: 20109  FRAME, TYPE 12  EA (EA  )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/21/2020
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT, & APPEARANCE OF CASTING. TENSILE
STRENGTH OF TEST BAR.
REMARK--------: RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT. VISUAL
INSPECTION AT DESTINATION.
SPECIFICATIONS:  ART. 710.17, AASHTO M 105, HWY. STD. 2221

--> MATERIAL: 20110  FRAME, TYPE 15  EA (EA  )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/21/2020
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT, & APPEARANCE OF CASTING, TENSILE
STRENGTH OF TEST BAR
REMARK--------: RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT. VISUAL
INSPECTION AT DESTINATION.
SPECIFICATIONS:  ART. 710.17, AASHTO M 105, HWY. STD. 2222
## MATERIAL GROUP: 200 CASTINGS

### MATERIAL: 20118 FRAME, TYPE 20

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., WT., APP.; TENS. STRTH. OF TEST BAR (GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR (DUCTILE)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 20119 FRAME, TYPE 21

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., WT., APP.; TENS. STRTH. OF TEST BAR (GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR (DUCTILE)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT. VISUAL INSPECTION AT DESTINATION.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPECIAL PROV. OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 20121 FRAME, TYPE 23

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 20122 FRAME, TYPE 24

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 20189 FRAME, SPECIAL

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL: 20199 FRAME, CAST IRON</td>
<td>EA (EA )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC1: 9 DESC2: 6 DESC3: 95 SMALLQTY: 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION UPDATED: 03/05/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: PROD CERT, VIS INSPECTION AT DESTINATION DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.14, 1006.15</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20201 GRATE, TYPE 3</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9 DESC2: DESC3: SMALLQTY: 5</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03 ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20202 GRATE, TYPE 4</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9 DESC2: DESC3:</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION UPDATED: 07/21/2020</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03 ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20203 GRATE, TYPE 6</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9 DESC2: DESC3:</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION UPDATED: 07/21/2020</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td></td>
</tr>
<tr>
<td>REMARK: RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT. VISUAL INSPECTION AT DESTINATION.</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART. 710.17(GRAY), ART.710.18(DUCTILE), AASHTO M 105(GRAY), ASTM A 536(DUCTILE), HWY. STD. 2215</td>
<td></td>
</tr>
</tbody>
</table>
MATERIAL GROUP: 200 CASTINGS

---> MATERIAL: 20204  GRATE, TYPE 7  EA (EA )
 DESC1: 9  DESC2:  DESC3:  SMALLQTY: 5
 METHOD OF ACCEPTANCE---: CERT
 EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
 SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/05/2019
 CONTAINER1:  CONTAINER2:
 MEASUREMENT---: DIMENSIONS, WEIGHT & APPEARANCE OF CASTING; TENSILE
 STRENGTH OF TEST BAR
 REMARK-------- : DOMESTIC STEEL ACT APPLIES
 SPECIFICATIONS:  ART 604.03
 ART 1006.14, 1006.15, HWY STD

---> MATERIAL: 20205  GRATE, TYPE 8  EA (EA )
 DESC1: 9  DESC2:  DESC3:  SMALLQTY: 5
 METHOD OF ACCEPTANCE---: CERT
 EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
 SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/05/2019
 CONTAINER1:  CONTAINER2:
 MEASUREMENT---: DIMENSIONS, WEIGHT & APPEARANCE OF CASTING; TENSILE
 STRENGTH OF TEST BAR
 REMARK-------- : DOMESTIC STEEL ACT APPLIES
 SPECIFICATIONS:  ART 604.03
 ART 1006.14, 1006.15, HWY STD

---> MATERIAL: 20206  GRATE, TYPE 9  EA (EA )
 DESC1: 9  DESC2:  DESC3:  SMALLQTY: 5
 METHOD OF ACCEPTANCE---: CERT
 EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
 SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2008
 CONTAINER1:  CONTAINER2:
 MEASUREMENT---: DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD
 STRTH., TENS. STRTH., & ELONGATION OF BAR(DUCTILE)
 REMARK-------- : DOMESTIC STEEL ACT APPLIES
 SPECIFICATIONS:  ART 604.03
 ART 1006.14, 1006.15, HWY STD

---> MATERIAL: 20207  GRATE, TYPE 10  EA (EA )
 DESC1: 9  DESC2:  DESC3:  SMALLQTY: 5
 METHOD OF ACCEPTANCE---: CERT
 EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
 SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2008
 CONTAINER1:  CONTAINER2:
 MEASUREMENT---: DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD
 STRTH., TENS. STRTH., & ELONGATION OF BAR(DUCTILE)
 REMARK-------- : DOMESTIC STEEL ACT APPLIES
 SPECIFICATIONS:  ART 604.03
 ART 1006.14, 1006.15, HWY STD

---> MATERIAL: 20208  GRATE, TYPE 11  EA (EA )
 DESC1: 9  DESC2:  DESC3:  SMALLQTY: 5
 METHOD OF ACCEPTANCE---: CERT
 EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
 SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/05/2019
 CONTAINER1:  CONTAINER2:
 MEASUREMENT---: DIMENSIONS, WEIGHT, & APPEARANCE OF CASTING; TENSILE
 STRENGTH OF TEST BAR
 REMARK-------- : DOMESTIC STEEL ACT APPLIES
 SPECIFICATIONS:  ART 604.03
 ART 1006.14, 1006.15, HWY STD
<table>
<thead>
<tr>
<th>MATERIAL: 20209</th>
<th>GRATE, TYPE 12</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 07/21/2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., WT., APP.; TENS. STRTH. OF TEST BAR (GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR (DUCTILE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT. VISUAL INSPECTION AT DESTINATION.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART. 710.17 (GRAY), ART. 710.18 (DUCTILE), AASHTO M 105 (GRAY), ASTM A 536 (DUCTILE), HWY. STD. 2221</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20218</th>
<th>GRATE, TYPE A</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9 DESC2: 6 DESC3: SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20219</th>
<th>GRATE, TYPE B</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9 DESC2: 6 DESC3: SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20224</th>
<th>GRATE, TYPE 20</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 02/27/2008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., WT., APP.; TENS. STRTH. OF TEST BAR (GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR (DUCTILE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL: 20225  GRATE, TYPE 21

|-----------|--------|--------|-------------|

**METHOD OF ACCEPTANCE**: CERT

**EVIDENCE OF INSPECTION**: CERT LA15

**MATERIAL OWNER**: MT

**SAMPLE SIZE**: FIELD INSPECTION

**UPDATED**: 07/21/2020

**SPECIFICATIONS**: SPECIAL PROV. OR CONTRACT PLANS

**REMARK**: RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT.

**VISUAL INSPECTION AT DESTINATION.**

**CONTAINER1**: CONTAINER2:

### MATERIAL: 20227  GRATE, TYPE 3V

|-----------|--------|--------|-------------|

**METHOD OF ACCEPTANCE**: CERT

**EVIDENCE OF INSPECTION**: CERT LA15

**MATERIAL OWNER**: MT

**SAMPLE SIZE**: FIELD INSPECTION

**UPDATED**: 08/03/2010

**SPECIFICATIONS**: ART 604.03

**REMARK**: DOMESTIC STEEL ACT APPLIES

**CONTAINER1**: CONTAINER2:

### MATERIAL: 20229  GRATE, TYPE 23

|-----------|--------|--------|-------------|

**METHOD OF ACCEPTANCE**: CERT

**EVIDENCE OF INSPECTION**: CERT LA15

**MATERIAL OWNER**: MT

**SAMPLE SIZE**: FIELD INSPECTION

**UPDATED**: 08/03/2010

**SPECIFICATIONS**: ART 604.03

**REMARK**: DOMESTIC STEEL ACT APPLIES

**CONTAINER1**: CONTAINER2:

### MATERIAL: 20230  GRATE, TYPE 24

|-----------|--------|--------|-------------|

**METHOD OF ACCEPTANCE**: CERT

**EVIDENCE OF INSPECTION**: CERT LA15

**MATERIAL OWNER**: MT

**SAMPLE SIZE**: FIELD INSPECTION

**UPDATED**: 02/27/2008

**SPECIFICATIONS**: ART 604.03

**REMARK**: DOMESTIC STEEL ACT APPLIES

**CONTAINER1**: CONTAINER2:

### MATERIAL: 20289  GRATE, SPECIAL

<table>
<thead>
<tr>
<th>DESC1: 9</th>
<th>DESC2: 43</th>
<th>DESC3: 95</th>
<th>SMALLQTY: 5</th>
</tr>
</thead>
</table>

**METHOD OF ACCEPTANCE**: CERT

**EVIDENCE OF INSPECTION**: CERT LA15

**MATERIAL OWNER**: MT

**SAMPLE SIZE**: FIELD INSPECTION

**UPDATED**: 03/05/2019

**SPECIFICATIONS**: SPEC PROV & CONTRACT PLANS

**REMARK**: DOMESTIC STEEL ACT APPLIES

**VISUAL INSPECTION AT DESTINATION.**

**CONTAINER1**: CONTAINER2:

**MEASUREMENT**: DIMENSIONS, WEIGHT, & APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR
<table>
<thead>
<tr>
<th>Material: 20299</th>
<th>Grate</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desc1: 9</td>
<td>Desc2: 6</td>
<td>Desc3: 95</td>
</tr>
<tr>
<td>Method of Acceptance: CERT</td>
<td>Evidence of Inspection: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>Sample Size: FIELD INSPECTION</td>
<td>Updated: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>Container1: CONTAINER1</td>
<td>Container2: CONTAINER2</td>
<td></td>
</tr>
<tr>
<td>Measurement: DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specifications: ART 1006.14, 1006.15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material: 20301</th>
<th>Lid, Type 1 Open Lid</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desc1: 9</td>
<td>Desc2:</td>
<td>Desc3:</td>
</tr>
<tr>
<td>Method of Acceptance: CERT</td>
<td>Evidence of Inspection: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>Sample Size: FIELD INSPECTION</td>
<td>Updated: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>Container1: CONTAINER1</td>
<td>Container2: CONTAINER2</td>
<td></td>
</tr>
<tr>
<td>Measurement: DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specifications: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material: 20302</th>
<th>Lid, Type 1 Closed Lid</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desc1: 9</td>
<td>Desc2:</td>
<td>Desc3:</td>
</tr>
<tr>
<td>Method of Acceptance: CERT</td>
<td>Evidence of Inspection: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>Sample Size: FIELD INSPECTION</td>
<td>Updated: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>Container1: CONTAINER1</td>
<td>Container2: CONTAINER2</td>
<td></td>
</tr>
<tr>
<td>Measurement: DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specifications: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material: 20303</th>
<th>Lid, Type 5 Open Lid</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desc1: 9</td>
<td>Desc2:</td>
<td>Desc3:</td>
</tr>
<tr>
<td>Method of Acceptance: CERT</td>
<td>Evidence of Inspection: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>Sample Size: FIELD INSPECTION</td>
<td>Updated: 07/21/2020</td>
<td></td>
</tr>
<tr>
<td>Container1: CONTAINER1</td>
<td>Container2: CONTAINER2</td>
<td></td>
</tr>
<tr>
<td>Measurement: DIM., WT., APP., TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specifications: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material: 20304</th>
<th>Lid, Type 5 Closed Lid</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desc1: 9</td>
<td>Desc2:</td>
<td>Desc3:</td>
</tr>
<tr>
<td>Method of Acceptance: CERT</td>
<td>Evidence of Inspection: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>Sample Size: FIELD INSPECTION</td>
<td>Updated: 02/27/2008</td>
<td></td>
</tr>
<tr>
<td>Container1: CONTAINER1</td>
<td>Container2: CONTAINER2</td>
<td></td>
</tr>
<tr>
<td>Measurement: DIM., WT., APP., TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specifications: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 200 CASTINGS

--> MATERIAL: 20305  LID, TYPE 15  EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/21/2020
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WT., APP.; TENS. STRTH. OF TEST BAR (GRAY), YIELD
STRTH., TENS. STRTH., & ELONGATION OF BAR (DUCTILE)
REMARK-------- : RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT.
VISUAL INSPECTION AT DESTINATION.
SPECIFICATIONS: ART. 710.17 (GRAY), ART. 710.18 (DUCTILE), AASHTO M 105 (GRAY),
ASTM A 536 (DUCTILE), HWY. STD. 2222

--> MATERIAL: 20389  LID, SPECIAL  EA (EA )
DESC1: 9  DESC2: 43  DESC3: 95  SMALLQTY: 5
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT & APPEARANCE OF CASTING; TENSILE
STRENGTH OF TEST BAR
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV & CONTRACT PLANS

--> MATERIAL: 20401  FRAME & GRATE, TYPE 3  EA (EA )
DESC1: 9  DESC2:  DESC3:  SMALLQTY: 5
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT & APPEARANCE OF CASTING; TENSILE
STRENGTH OF TEST BAR
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 604.03
ART 1006.14, 1006.15, HWY STD

--> MATERIAL: 20402  FRAME & GRATE, TYPE 4  EA (EA )
DESC1: 9  DESC2:  DESC3:  SMALLQTY: 5
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT & APPEARANCE OF CASTING; TENSILE
STRENGTH OF TEST BAR
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 604.03
ART 1006.14, 1006.15, HWY STD

--> MATERIAL: 20403  FRAME & GRATE, TYPE 6  EA (EA )
DESC1: 9  DESC2:  DESC3:  SMALLQTY: 5
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, WEIGHT & APPEARANCE OF CASTING; TENSILE
STRENGTH OF TEST BAR
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 604.03
ART 1006.14, 1006.15, HWY STD
**MANUAL FOR MATERIALS INSPECTION - PART 2**

**MATERIAL GROUP: 200 CASTINGS**

<table>
<thead>
<tr>
<th>MATERIAL: 20404</th>
<th>FRAME &amp; GRATE, TYPE 9 EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>SMALLQTY: 5</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td>CONTAINER1: CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE</td>
</tr>
<tr>
<td>REMARK--------- :</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03, ART 1006.14, ART 1006.15, HWY STD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20405</th>
<th>FRAME &amp; GRATE, TYPE 10 EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>SMALLQTY: 5</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td>CONTAINER1: CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE</td>
</tr>
<tr>
<td>REMARK--------- :</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03, ART 1006.14, ART 1006.15, HWY STD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20406</th>
<th>FRAME &amp; GRATE, TYPE 11 EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>SMALLQTY: 5</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td>CONTAINER1: CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE</td>
</tr>
<tr>
<td>REMARK--------- :</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03, ART 1006.14, ART 1006.15, HWY STD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20407</th>
<th>FRAME &amp; GRATE, TYPE 12 EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>SMALLQTY: 5</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td>CONTAINER1: CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE</td>
</tr>
<tr>
<td>REMARK--------- :</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03, ART 1006.14, ART 1006.15, HWY STD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20414</th>
<th>FRAME &amp; GRATE, TYPE 20 EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>SMALLQTY: 5</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td>CONTAINER1: CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE</td>
</tr>
<tr>
<td>REMARK--------- :</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03, ART 1006.14, ART 1006.15, HWY STD</td>
</tr>
<tr>
<td>MATERIAL: 20415</td>
<td>FRAME &amp; GRATE TYPE 21</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20416</th>
<th>FRAME &amp; GRATE, TYPE 22</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20417</th>
<th>FRAME &amp; GRATE TYPE 23</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20418</th>
<th>FRAME &amp; GRATE TYPE 24</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20419</th>
<th>FRAME &amp; GRATE, TYPE 3V</th>
<th>EA ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 02/27/2008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., WT., APP.: TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 604.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>FRAME &amp; GRATE TYPE 11V</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>------------------------</td>
<td></td>
</tr>
<tr>
<td>DESC1</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>DESC2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3</td>
<td>SMALLQTY: .</td>
<td></td>
</tr>
<tr>
<td>METHOD</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE</td>
<td>CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE</td>
<td>FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED</td>
<td>02/27/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td></td>
</tr>
<tr>
<td>REMARK</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FRAME &amp; GRATE SPECIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>9</td>
</tr>
<tr>
<td>DESC2</td>
<td>43</td>
</tr>
<tr>
<td>DESC3</td>
<td>95</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>5</td>
</tr>
<tr>
<td>METHOD</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE</td>
<td>CERT LA15</td>
</tr>
<tr>
<td>SAMPLE</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED</td>
<td>03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
</tr>
<tr>
<td>REMARK</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV &amp; CONTRACT PLANS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FRAME &amp; GRATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>9</td>
</tr>
<tr>
<td>DESC2</td>
<td>6</td>
</tr>
<tr>
<td>DESC3</td>
<td>95</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>5</td>
</tr>
<tr>
<td>METHOD</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE</td>
<td>CERT LA15</td>
</tr>
<tr>
<td>SAMPLE</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED</td>
<td>03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
</tr>
<tr>
<td>REMARK</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.14, 1006.15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CASTING, GRAY IRON (TEST SAMPLE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td></td>
</tr>
<tr>
<td>DESC2</td>
<td></td>
</tr>
<tr>
<td>DESC3</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD</td>
<td>TEST</td>
</tr>
<tr>
<td>EVIDENCE</td>
<td></td>
</tr>
<tr>
<td>SAMPLE</td>
<td>WHEN REQUIRED BY CBM</td>
</tr>
<tr>
<td>UPDATED</td>
<td>03/27/2009</td>
</tr>
<tr>
<td>CONTAINER1</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>TENSILE STRENGTH OF TEST BAR</td>
</tr>
<tr>
<td>REMARK</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03</td>
</tr>
<tr>
<td></td>
<td>ART 1006.14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FRAME &amp; LID, TYPE 1 OPEN LID</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>9</td>
</tr>
<tr>
<td>DESC2</td>
<td></td>
</tr>
<tr>
<td>DESC3</td>
<td>SMALLQTY: 5</td>
</tr>
<tr>
<td>METHOD</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE</td>
<td>CERT LA15</td>
</tr>
<tr>
<td>SAMPLE</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED</td>
<td>03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
</tr>
<tr>
<td>REMARK</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03</td>
</tr>
<tr>
<td></td>
<td>ART 1006.14, 1006.15, HWY STD</td>
</tr>
<tr>
<td>MATERIAL: 20602</td>
<td>FRAME &amp; LID, TYPE 1 CLOSED LID</td>
</tr>
<tr>
<td>----------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03</td>
</tr>
<tr>
<td></td>
<td>ART 1006.14, 1006.15, HWY STD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20603</th>
<th>FRAME &amp; LID, TYPE 5 OPEN LID</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20604</th>
<th>FRAME &amp; LID, TYPE 5 CLOSED LID</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20605</th>
<th>FRAME &amp; LID, TYPE 15</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 604.03</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20689</th>
<th>FRAME &amp; LID, SPECIAL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, WEIGHT &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 200 CASTINGS

--> MATERIAL: 20701  GRATING, CAST IRON  SQFT (SQ M )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: CERT LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 05/15/2019
   CONTAINER1:  CONTAINER2:  
   MEASUREMENT---: DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., & ELONGATION OF BAR(DUCTILE)
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--> MATERIAL: 20801  GRATE & COVER TYPE 2A  EA (EA )
   DESC1: 9   DESC2: 6   DESC3:  
   SMALLQTY: .
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: CERT LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2008
   CONTAINER1:  CONTAINER2:  
   MEASUREMENT---: DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., & ELONGATION OF BAR(DUCTILE)
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 1006.03
                     ART 1006.14, 1006.15, HWY STD

--> MATERIAL: 20802  GRATE & COVER TYPE 2B  EA (EA )
   DESC1: 9   DESC2: 6   DESC3:  
   SMALLQTY: .
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: CERT LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 08/12/2020
   CONTAINER1:  CONTAINER2:  
   MEASUREMENT---: DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., & ELONGATION OF BAR(DUCTILE)
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 1006.03
                     ART 1006.14, 1006.15, HWY STD

--> MATERIAL: 20989  CURB BOX, SPECIAL  EA (EA )
   DESC1: 9   DESC2: 43   DESC3:  
   SMALLQTY: .
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: CERT LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2008
   CONTAINER1:  CONTAINER2:  
   MEASUREMENT---: DIMENSIONS, APPEARANCE, & MECHANICAL PROPERTIES PER APPROPRIATE SPECIFICATION
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: CONTRACT PLANS

--> MATERIAL: 21001  STEP, MANHOLE, CAST IRON  EA (EA )
   DESC1: 9   DESC2:  
   SMALLQTY: .
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: CERT LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2008
   CONTAINER1:  CONTAINER2:  
   MEASUREMENT---: DIM., WT., APPEARANCE OF CASTING
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 602.08, 1006.14, HWY STD
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 200 CASTINGS

---> MATERIAL: 21002  JUNCTION BOX, CAST IRON
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WT., APPEARANCE OF CASTING
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: CONTRACT PLANS OR ART 1088.04

---> MATERIAL: 21003  SCUPPERS, DRAINAGE, CAST IRON
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, APPEARANCE, & MECHANICAL PROPERTIES PER APPROPRIATE SPECIFICATION
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

---> MATERIAL: 21004  RING, ADJUSTING, CAST IRON
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, APPEARANCE, & MECHANICAL PROPERTIES PER APPROPRIATE SPECIFICATION
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.14

---> MATERIAL: 21010  HANDHOLE, FRAME & LID, REGULAR DUTY
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WT., APP. OF CASTING; TENS. STRTH. OF TEST BAR.
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: CONTRACT PLANS OR ART 1088.06

---> MATERIAL: 21011  HANDHOLE, FRAME & LID, HEAVY DUTY
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WT., APP. OF CASTING; TENS. STRTH. OF TEST BAR.
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: CONTRACT PLANS OR ART 1088.06
**MATERIAL: 21012**  
HANDHOLE, FRAME & LID, SPECIAL  
EA (EA )  
DESC1: 9  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION-: CERT LA15  
MATERIAL OWNER: MT  
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 04/02/2012  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: DIM., WT., APP. OF CASTING; TENS. STRTH. OF TEST BAR  
REMARK-------- : DOMESTIC STEEL ACT APPLIES  
SPECIFICATIONS: SPEC PROV & CONTRACT PLANS

**MATERIAL: 21014**  
TRAP, CATCH BASIN, CAST IRON  
EA (EA )  
DESC1: 14  
DESC2: 43  
DESC3: SMALLQTY: .  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION-: CERT LA15  
MATERIAL OWNER: MT  
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 04/10/2008  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: DIMENSIONS, APPEARANCE, & MECHANICAL PROPERTIES OF TEST BAR.  
REMARK-------- : DOMESTIC STEEL ACT APPLIES  
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 215 CONCRETE MIXTURES

---> MATERIAL: 21601 CONCRETE, PORTLAND CEMENT CUYD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---:  CONTAINER1: CONTAINER2:
MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
REMARK-------- : SPECIFICATIONS: SEC 1020, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

---> MATERIAL: 21602 GROUT, PORTLAND CEMENT-SAND CUYD (CU M )
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION: VIS
MATERIAL OWNER: CN
SAMPLE SIZE---:  CONTAINER1: CONTAINER2:
MEASUREMENT---:  REMARK-------- :
SPECIFICATIONS: ART 1024.01

---> MATERIAL: 21603 MORTAR, PORTLAND CEMENT FAIRING LINFT(METER )
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION: VIS
MATERIAL OWNER: CN
SAMPLE SIZE---:  CONTAINER1: CONTAINER2:
MEASUREMENT---:  REMARK-------- :
SPECIFICATIONS: ART 583.02

---> MATERIAL: 21604 GROUT, NONSHRINK CUYD (CU M )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---:  3-5 AS SOLD PACKAGES UPDATED: 10/07/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: FREEZE-THAW, COMPRESSIVE STRENGTH, FLOW, SET TIME, HEIGHT CHANGE OF HARDENED GROUT (1,3,14 & 28 DAYS)
REMARK-------- :
SPECIFICATIONS: ART 1024.02

---> MATERIAL: 21605 CONCRETE, PORTLAND CEMENT, FLYASH CUYD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---:  CONTAINER1: CONTAINER2:
MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
REMARK-------- :
SPECIFICATIONS: SEC 1020, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
### MATERIAL: 21606
**CONCRETE, PORTLAND CEMENT, LATEX**

**Desc1:** 21606  
**Desc2:**  
**Desc3:**  
**SmallQty:** .

**Method of Acceptance:** Test  
**Evidence of Inspection:** DPR and Tick and Test  
**Materiel Owner:** CN  
**Sample Size:**  
**Updated:** 03/30/2012  
**Container1:**  
**Container2:**  
**Measurement:** Mix Design, Slump, Air, Compressive Strength, Flexural Strength  
**Remark:** :  
**Specifications:** Guide Bridge Special for Bridge Deck Latex Concrete Overlay, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

### MATERIAL: 21607
**GROUT, SUB SEALING**

**Desc1:** 21607  
**Desc2:**  
**Desc3:**  
**SmallQty:** .

**Method of Acceptance:** Test  
**Evidence of Inspection:** Test  
**Materiel Owner:** CN  
**Sample Size:**  
**Updated:** 03/30/2012  
**Container1:**  
**Container2:**  
**Measurement:** Flow, Strength, and Initial Set Time  
**Remark:** :  
**Specifications:** Recurring Spec Prov Check Sheet #12

### MATERIAL: 21609
**CONCRETE, PORTLAND CEMENT, MICROSILICA**

**Desc1:** 21609  
**Desc2:** 10  
**Desc3:**  
**SmallQty:** .

**Method of Acceptance:** Test  
**Evidence of Inspection:** DPR and Tick and Test  
**Materiel Owner:** CN  
**Sample Size:**  
**Updated:** 07/25/2012  
**Container1:**  
**Container2:**  
**Measurement:** Mix Design, Slump, Air, Compressive or Flexural Strength  
SCC: Slump Flow, VSI, J-Ring or L-Box, HVSI  
**Remark:** :  
**Specifications:** Sec 1020, Guide Bridge Special for Bridge Deck Microsilica Overlay, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

### MATERIAL: 21611
**CONCRETE, PORTLAND CEMENT, GROUND GRANULATED BLAST FURN SLAG**

**Desc1:** 21611  
**Desc2:** 10  
**Desc3:**  
**SmallQty:** .

**Method of Acceptance:** Test  
**Evidence of Inspection:** DPR and Tick and Test  
**Materiel Owner:** CN  
**Sample Size:**  
**Updated:** 07/25/2012  
**Container1:**  
**Container2:**  
**Measurement:** Mix Design, Slump, Air, Compressive or Flexural Strength  
SCC: Slump Flow, VSI, J-Ring or L-Box, HVSI  
**Remark:** :  
**Specifications:** Sec 1020, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

### MATERIAL: 21613
**CONCRETE, PORTLAND CEMENT, METAKAOLIN**

**Desc1:** 21613  
**Desc2:** 10  
**Desc3:**  
**SmallQty:** .

**Method of Acceptance:** Test  
**Evidence of Inspection:** DPR and Tick and Test  
**Materiel Owner:** CN  
**Sample Size:**  
**Updated:** 07/25/2012  
**Container1:**  
**Container2:**  
**Measurement:** Mix Design, Slump, Air, Compressive or Flexural Strength  
SCC: Slump Flow, VSI, J-Ring or L-Box, HVSI  
**Remark:** :  
**Specifications:** Sec 1020, Guide Bridge Special for Bridge Deck HRM Concrete Overlay, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 215 CONCRETE MIXTURES

--- MATERIAL: 21614  CONCRETE, PORTLAND CEMENT, FLYASH, MONTAKAOLIN  CUYD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST  MATERIAL OWNER: CN
SAMPLE SIZE---:  UPDATED: 07/25/2012
CONTAINER1:  CONTAINER2:  MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
REMARK-------- : SPECIFICATIONS: SEC 1020, GUIDE BRIDGE SPEC FOR BRIDGE DECK HRM CONC OVERLAY
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 21615  GROUT, SOIL IMPROVEMENT COLUMNS  CUYD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST  MATERIAL OWNER: CN
SAMPLE SIZE---:  UPDATED: 08/26/2014
CONTAINER1:  CONTAINER2:  MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMPRESSIVE STRENGTH, FLOW, SET TIME
REMARK-------- : SPECIFICATIONS: CONTRACT SPEC PROV

--- MATERIAL: 21620  GROUT, FABRIC, FORMED CONCRETE REVETMENT MATS  CUYD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST  MATERIAL OWNER: CN
SAMPLE SIZE---:  UPDATED: 03/30/2012
CONTAINER1:  CONTAINER2:  MEASUREMENT---: MIX DESIGN, AIR, COMPRESSIVE STRENGTH
REMARK-------- : SPECIFICATIONS: ART 285.02

--- MATERIAL: 21621  GROUT, CONTROLLED LOW-STRENGTH MATERIAL  CUYD (CU M )
DESC1:  DESC2:  DESC3:  SMALLQTY: 50
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST  MATERIAL OWNER: CN
SAMPLE SIZE---:  UPDATED: 04/16/2019
CONTAINER1:  CONTAINER2:  MEASUREMENT---: FLOW, AIR, COMPRESSIVE STRENGTH
REMARK-------- : ART 1019.06 ALLOWS FOR PROPRIETARY MIX DESIGN BY CONTRACTORS THESE WILL BE ON AN APPROVED LIST.
SPECIFICATIONS: SEC 593, 1019

--- MATERIAL: 21622  CONCRETE, PORTLAND CEMENT, FLYASH, MICRO SILICA  CUYD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST  MATERIAL OWNER: CN
SAMPLE SIZE---:  UPDATED: 07/25/2012
CONTAINER1:  CONTAINER2:  MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
REMARK-------- : SPECIFICATIONS: SEC 1020, GUIDE BRIDGE SPEC FOR BRIDGE DECK MICRO SILICA CONC OVERLAY, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 215 CONCRETE MIXTURES

--> MATERIAL: 21623  CONCRETE, POLYMER  CUYD (CU M )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---:  1.5 CU. FT. OF MATERIAL
UPDATED: 11/07/2017
CONTAINER1:  12  CONTAINER2:
MEASUREMENT---:  COMP STRENGTH, FT, SALT SCALE, IMP RESIS, DIRECT SHEAR,
TRAFFIC BEARING TIME, POT LIFE, IR
REMARK-------:  MIXING & PLACEMENT PER MFGR INSTRUCTIONS
SPECIFICATIONS:  RECURRING SPEC PROV CHECK SHEET #16

--> MATERIAL: 21624  SHOTCRETE, HIGH PERFORMANCE  SQFT (SQ M )
METHOD OF ACCEPTANCE---: QUAL AND TEST
EVIDENCE OF INSPECTION: LIST AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---:  18"X18"X3.5" TEST PANEL
UPDATED: 11/07/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  COMPRESSIVE STRENGTH, AIR
REMARK-------:  JOBSITE SAMPLES REQUIRED PER PPG
SPECIFICATIONS:  GUIDE BRIDGE SPEC PROV FOR STRUCTURAL REPAIR OF CONCRETE

--> MATERIAL: 21625  MORTAR, PORTLAND CEMENT, POLYMER MODIFIED  SQFT (SQ M )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---:  1 50LB BAG
UPDATED: 11/07/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  COMPRESSIVE STRENGTH, BOND STRENGTH, VERTICAL AND OVERHEAD
ADHESION
REMARK-------:  
SPECIFICATIONS:  GUIDE BRIDGE SPEC PROV FOR POLYMER MODIFIED PORTLAND CEMENT MORTAR

--> MATERIAL: 21626  OVERLAY, THIN POLYMER  SQ M (SQ M )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---:  
UPDATED: 02/25/2008
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  
REMARK-------:  
SPECIFICATIONS:  GUIDE BRIDGE SPEC PROV FOR BRIDGE DECK THIN POLYMER OVERLAY

--> MATERIAL: 21627  CONCRETE, PORTLAND CEMENT, GGBF SLAG, MICROSILICA  CUYD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: DPR AND TICK AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---:  
UPDATED: 07/25/2012
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVS
REMARK-------:  
SPECIFICATIONS:  SEC 1020 CLASS PF-3, GUIDE BRIDGE SPECIAL FOR MICROSILICA
CONC. OVERLAY, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
-- MATERIAL: 21628 CONCRETE, PORTLAND CEMENT, FLYASH, GGBF SLAG, MICROSLICA CUYD (CU M )
  METHOD OF ACCEPTANCE--: TEST
  EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST MATERIAL OWNER: CN
  SAMPLE SIZE--:
  CONTAINER1: CONTAINER2:
  MEASUREMENT--: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
  SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
  REMARK--:
  SPECIFICATIONS: SEC 1020
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

-- MATERIAL: 21629 CONCRETE, PORTLAND CEMENT, GGBF SLAG, METAKASLIN CUYD (CU M )
  METHOD OF ACCEPTANCE--: TEST
  EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST MATERIAL OWNER: CN
  SAMPLE SIZE--:
  CONTAINER1: CONTAINER2:
  MEASUREMENT--: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
  SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
  REMARK--:
  SPECIFICATIONS: SEC 1020, GUIDE BRIDGE SPEC FOR BRIDGE DECK HRM CONC OVERLAY
  "MANUAL OF TEST PROCEDURES FOR MATERIALS"

-- MATERIAL: 21630 GROUT, SOIL NAIL WALL CUYD (CU M )
  METHOD OF ACCEPTANCE--: TEST
  EVIDENCE OF INSPECTION--: TEST MATERIAL OWNER: CN
  SAMPLE SIZE--: CUBE SPECIMENS UPDATED: 11/07/2017
  CONTAINER1: 14 CONTAINER2:
  MEASUREMENT--: COMPRESSIVE STRENGTH
  REMARK--:
  SPECIFICATIONS: CONTRACT SPEC PROV (BUREAU OF BRIDGES & STRUCTURES)

-- MATERIAL: 21631 GROUT, SOIL NAIL WALL FACING SQFT (SQ M )
  METHOD OF ACCEPTANCE--: TEST
  EVIDENCE OF INSPECTION--: TEST MATERIAL OWNER: CN
  SAMPLE SIZE--: TEST PANEL UPDATED: 03/30/2012
  CONTAINER1: CONTAINER2:
  MEASUREMENT--: COMPRESSIVE STRENGTH, AIR (IF SPECIFIED)
  REMARK--:
  SPECIFICATIONS: CONTRACT SPEC PROV (BUREAU OF BRIDGES & STRUCTURES)

-- MATERIAL: 21632 CONCRETE, PORTLAND BLAST-FURNACE SLAG CEMENT, FLY ASH CUYD (CU M )
  METHOD OF ACCEPTANCE--: TEST
  EVIDENCE OF INSPECTION--: DPR AND TICK AND TEST MATERIAL OWNER: CN
  SAMPLE SIZE--:
  CONTAINER1: CONTAINER2:
  MEASUREMENT--: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
  SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
  REMARK--:
  SPECIFICATIONS: SEC 1020, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
  BDE SPEC PROV - CONCRETE MIX DESIGNS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 215 CONCRETE MIXTURES

--> MATERIAL: 21633 GROUT, INSERTION LINING, PIPE CULVERTS CUYD (CU M )
DESC1:  
DESC2:  
DESC3:  
SMALLQTY:  
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK
MATERIAL OWNER: CN
SAMPLE SIZE---:
UPDATED: 11/07/2017
CONTAINER1:  14
CONTAINER2:
MEASUREMENT---: MIX DESIGN, AIR
REMARK-------:
SPECIFICATIONS: ART 543.02

--> MATERIAL: 21634 CONCRETE, PORTLAND CEMENT, PERVIOUS CUYD (CU M )
DESC1:  
DESC2:  
DESC3:  
SMALLQTY:  
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---:
UPDATED: 11/07/2017
CONTAINER1:  14
CONTAINER2:
MEASUREMENT---: MIX DESIGN, DENSITY, VOID CONTENT, COMPRESSIVE STRENGTH,
INfiltrATION RATE, AND FREEZE-THAW
REMARK-------:
SPECIFICATIONS: CONTRACT SPEC PROV

--> MATERIAL: 21635 CONCRETE, PORTLAND CEMENT, FLY ASH, PERVIOUS CUYD (CU M )
DESC1:  
DESC2:  
DESC3:  
SMALLQTY:  
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---:
UPDATED: 04/13/2011
CONTAINER1:  14
CONTAINER2:
MEASUREMENT---: MIX DESIGN, DENSITY, VOID CONTENT, COMPRESSIVE STRENGTH,
INfiltrATION RATE, AND FREEZE-THAW
REMARK-------:
SPECIFICATIONS: CONTRACT SPEC PROV

--> MATERIAL: 21636 CONCRETE, PORTLAND CEMENT, GGBF SLAG, PERVIOUS CUYD (CU M )
DESC1:  
DESC2:  
DESC3:  
SMALLQTY:  
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---:
UPDATED: 11/07/2017
CONTAINER1:  14
CONTAINER2:
MEASUREMENT---: MIX DESIGN, DENSITY, VOID CONTENT, COMPRESSIVE STRENGTH,
INfiltrATION RATE, AND FREEZE-THAW
REMARK-------:
SPECIFICATIONS: CONTRACT SPEC PROV

--> MATERIAL: 21637 CONCRETE, PORTLAND CEMENT, TYPE K CUYD (CU M )
DESC1:  
DESC2:  
DESC3:  
SMALLQTY:  
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---:
UPDATED: 12/30/2015
CONTAINER1:  
CONTAINER2:
MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH,
RESTAIN EXP;SCC:SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
REMARK-------:
SPECIFICATIONS: CONTRACT SPEC PROV
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 215 CONCRETE MIXTURES

--- MATERIAL: 21638  CONCRETE, PORTLAND CEMENT, FLYASH, TYPE K
DESC1:  CONCRETE, PORTLAND CEMENT, FLYASH, TYPE K
DESC2:  SAMPLE
DESC3:  CUYD (CU M )
SMALLQTY: .

METHOD OF ACCEPTANCE--=: TEST
EVIDENCE OF INSPECTION=: DPR AND TICK AND TEST
MATERIAL OWNER: CN
UPDATED: 12/30/2015

SAMPLE SIZE--:
CONTAINER1:  CONTAINER2:
MEASUREMENT--=: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH,
REMAIN EXP;SCC:SLUMP FLOW, VSI, J-RING OR L-BOX, HSVI
REMARK------- :
SPECIFICATIONS: CONTRACT SPEC PROV
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 21639  SURFACE TREATMENT, HIGH-FRICTION
DESC1:  SURFACE TREATMENT, HIGH-FRICTION
DESC2:  SPEC
DESC3:  SQYD (SQ M )
SMALLQTY: .

METHOD OF ACCEPTANCE--=: QUAL
EVIDENCE OF INSPECTION=: LIST
MATERIAL OWNER: CN
UPDATED: 11/07/2017

SAMPLE SIZE--:
CONTAINER1:  05
CONTAINER2:  10
MEASUREMENT--=: RESIN: IR
AGG: GRADATION
REMARK------- :
SPECIFICATIONS: SPEC PROV FOR HIGH-FRICTION SURFACE TREATMENT

--- MATERIAL: 21640  CONCRETE, PORTLAND CEMENT, ROLLER COMPACTED
DESC1:  CONCRETE, PORTLAND CEMENT, ROLLER COMPACTED
DESC2:  SPEC
DESC3:  CUYD (CU M )
SMALLQTY: .

METHOD OF ACCEPTANCE--=: TEST
EVIDENCE OF INSPECTION=: DPR AND TICK AND TEST
MATERIAL OWNER: CN
UPDATED: 02/27/2017

SAMPLE SIZE--:
CONTAINER1:  CONTAINER2:
MEASUREMENT--=: MIX DESIGN, COMPRESSIVE STRENGTH, DENSITY
REMARK------- :
SPECIFICATIONS: CBM SPEC PROV FOR ROLLER COMPACTED CONCRETE,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 21641  CONCRETE, PORTLAND CEMENT, FLYASH, ROLLER COMPACTED
DESC1:  CONCRETE, PORTLAND CEMENT, FLYASH, ROLLER COMPACTED
DESC2:  SPEC
DESC3:  CUYD (CU M )
SMALLQTY: .

METHOD OF ACCEPTANCE--=: TEST
EVIDENCE OF INSPECTION=: DPR AND TICK AND TEST
MATERIAL OWNER: CN
UPDATED: 02/27/2017

SAMPLE SIZE--:
CONTAINER1:  CONTAINER2:
MEASUREMENT--=: MIX DESIGN, COMPRESSIVE STRENGTH, DENSITY
REMARK------- :
SPECIFICATIONS: CBM SPEC PROV FOR ROLLER COMPACTED CONCRETE,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 21642  CONCRETE, PORTLAND CEMENT, GGBF SLAG, ROLLER COMPACTED
DESC1:  CONCRETE, PORTLAND CEMENT, GGBF SLAG, ROLLER COMPACTED
DESC2:  SPEC
DESC3:  CUYD (CU M )
SMALLQTY: .

METHOD OF ACCEPTANCE--=: TEST
EVIDENCE OF INSPECTION=: DPR AND TICK AND TEST
MATERIAL OWNER: CN
UPDATED: 02/27/2017

SAMPLE SIZE--:
CONTAINER1:  CONTAINER2:
MEASUREMENT--=: MIX DESIGN, COMPRESSIVE STRENGTH, DENSITY
REMARK------- :
SPECIFICATIONS: CBM SPEC PROV FOR ROLLER COMPACTED CONCRETE,
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>CU YD (CU M)</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL OWNER</th>
<th>SAMPLE SIZE</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>21643</td>
<td>CONCRETE, PORTLAND CEMENT, GGBF, FLY ASH</td>
<td></td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>CN</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Manual of Test Procedures for Materials</td>
</tr>
<tr>
<td>21643</td>
<td>CONCRETE, PORTLAND CEMENT, GGBF, FLY ASH</td>
<td>EA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>CN</td>
<td>10 GRAM</td>
<td>04</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21701</td>
<td>DUST, PC CONCRETE CORES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>CN</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21801</td>
<td>CAM 2, ECONOCRETE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>CN</td>
<td>14</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td>ART 312.07</td>
</tr>
<tr>
<td>21802</td>
<td>CONCRETE, CELLULAR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TEST</td>
<td>TEST</td>
<td>CN</td>
<td>14</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td>ART 1029, GBSP 87</td>
</tr>
<tr>
<td>21803</td>
<td>CAM 2, FLYASH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TEST</td>
<td>TEST</td>
<td>CN</td>
<td>14</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td>ART 312.07</td>
</tr>
</tbody>
</table>
MATERIAL GROUP: 215 CONCRETE MIXTURES

---> MATERIAL: 22100  PACKAGED PATCHING MORTAR MATERIALS, R1  CWT (KG )
METHOD OF ACCEPTANCE--->: QUAL TEST
EVIDENCE OF INSPECTION--->: LIST TEST
MATERIAL OWNER: CN
SAMPLE SIZE--->: UPDATED: 02/27/2017
CONTAINER1: 12 CONTAINER2:
MEASUREMENT--->: COMPRESSION STRENGTH
REMARK--------: TEST FOR PRECAST & PRECAST PRESTRESS REPAIRS
SPECIFICATIONS: SEC 1018, CBM POLICY MEMO 19, PRESTRESS FABRICATION MANUAL

---> MATERIAL: 22101  PACKAGED PATCHING MORTAR MATERIALS, R2  CWT (KG )
METHOD OF ACCEPTANCE--->: QUAL TEST
EVIDENCE OF INSPECTION--->: LIST TEST
MATERIAL OWNER: CN
SAMPLE SIZE--->: UPDATED: 10/10/2017
CONTAINER1: 12 CONTAINER2:
MEASUREMENT--->: COMPRESSION STRENGTH
REMARK--------: TEST FOR PRECAST & PRECAST PRESTRESS REPAIRS
SPECIFICATIONS: SEC 1018, CBM POLICY MEMO 19, PRESTRESS FABRICATION MANUAL

---> MATERIAL: 22102  PATCHING MIXTURE, CONCRETE, R1  CUYD (CU M )
METHOD OF ACCEPTANCE--->: QUAL TEST
EVIDENCE OF INSPECTION--->: LIST TEST
MATERIAL OWNER: CN
SAMPLE SIZE--->: UPDATED: 02/27/2017
CONTAINER1: 12 CONTAINER2:
MEASUREMENT--->: SLUMP, AIR, COMPRESSION STRENGTH, FLEXURAL STRENGTH
REMARK--------: TEST FOR CAST-IN-PLACE, PRECAST & PRECAST PRESTRESS REPAIRS
SPECIFICATIONS: SEC 1018, CBM POLICY MEMO 19, PRESTRESS FABRICATION MANUAL, GBSP 53

---> MATERIAL: 22103  PACKAGED PATCHING MORTAR MATERIALS, R3  CWT (KG )
METHOD OF ACCEPTANCE--->: QUAL TEST
EVIDENCE OF INSPECTION--->: LIST TEST
MATERIAL OWNER: CN
SAMPLE SIZE--->: UPDATED: 02/27/2017
CONTAINER1: 12 CONTAINER2:
MEASUREMENT--->: COMPRESSION STRENGTH
REMARK--------: TEST FOR PRECAST & PRECAST PRESTRESS REPAIRS
SPECIFICATIONS: SEC 1018, CBM POLICY MEMO 19, PRESTRESS FABRICATION MANUAL

---> MATERIAL: 22104  PATCHING MIXTURE, CONCRETE, R2  CUYD (CU M )
METHOD OF ACCEPTANCE--->: QUAL TEST
EVIDENCE OF INSPECTION--->: LIST TEST
MATERIAL OWNER: CN
SAMPLE SIZE--->: UPDATED: 02/27/2017
CONTAINER1: 12 CONTAINER2:
MEASUREMENT--->: SLUMP, AIR, COMPRESSION STRENGTH, FLEXURAL STRENGTH
REMARK--------: TEST FOR CAST-IN-PLACE, PRECAST & PRECAST PRESTRESS REPAIRS
SPECIFICATIONS: SEC 1018, CBM POLICY MEMO 19, PRESTRESS FABRICATION MANUAL, GBSP 53
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 215 CONCRETE MIXTURES

--> MATERIAL: 22105  PATCHING MIXTURE, CONCRETE, R3  CU YD (CU M )
METHOD OF ACCEPTANCE---: QUAL  TEST
EVIDENCE OF INSPECTION---: LIST  TEST  MATERIAL OWNER: CN
SAMPLE SIZE---:  UPDATED: 02/27/2017
CONTAINER1:  12  CONTAINER2:  
MEASUREMENT---:  SLUMP, AIR, COMpressive STRENGTH, FLEXURAL STRENGTH
REMARK------- :  TEST FOR CAST-IN-PLACE, PRECAST & PRECAST PRESTRESS REPAIRS
SPECIFICATIONS:  SEC 1018, CBM POLICY MEMO 19, PRESTRESS FABRICATION MANUAL

--> MATERIAL: 22106  PATCHING MIXTURE, RAPID HARDENING CEMENT  CU YD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST  MATERIAL OWNER: CN
SAMPLE SIZE---:  UPDATED: 11/07/2017
CONTAINER1:  12  CONTAINER2:  04
MEASUREMENT---:  MIX DESIGN, SLUMP, AIR, COMpressive STRENGTH, FLEXURAL STRENGTH
REMARK------- :  
SPECIFICATIONS:  SEC 1001, 1020 (CLASS PP-4 CONCRETE)

--> MATERIAL: 22107  PATCHING MIXTURE, CALCIUM ALUMINATE CEMENT  CU YD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR AND TICK AND TEST  MATERIAL OWNER: CN
SAMPLE SIZE---:  UPDATED: 11/07/2017
CONTAINER1:  12  CONTAINER2:  04
MEASUREMENT---:  MIX DESIGN, SLUMP, AIR, COMpressive STRENGTH, FLEXURAL STRENGTH
REMARK------- :  
SPECIFICATIONS:  SEC 1001, 1020 (CLASS PP-5 CONCRETE)

--> MATERIAL: 22108  PACKAGED FORMED CONCRETE REPAIR MIXTURE, DRY  CWT (KG )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST  MATERIAL OWNER: CN
SAMPLE SIZE---:  1.0 CU. FT. OF MATERIAL  UPDATED: 11/07/2017
CONTAINER1:  14  CONTAINER2:  
MEASUREMENT---:  SLUMP, AIR, COMP STRENGTH, HVSI, J-RING OR L-BOX, VSI
REMARK------- :  
SPECIFICATIONS:  GUIDE BRIDGE SPEC PROV FOR STRUCTURAL REPAIR OF CONCRETE

--> MATERIAL: 22109  PACKAGED MORTAR, DRY  CWT (KG )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST  MATERIAL OWNER: CN
SAMPLE SIZE---:  3 AS SOLD PACKAGES  UPDATED: 11/07/2017
CONTAINER1:  12  CONTAINER2:  
MEASUREMENT---:  COMPRESSIVE STRENGTH, F/T
REMARK------- :  
SPECIFICATIONS:  REFER TO SUBMITTAL DOCUMENT ATTACHED TO QPL
"PACKAGED, DRY, COMBINED MATERIALS FOR MORTAR"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

---> MATERIAL: 25101 BLOCKS, SOLID SEGMENTAL BARREL EA (EA )
    METHOD OF ACCEPTANCE---: QUAL
    EVIDENCE OF INSPECTION:- LIST MATERIAL OWNER: PC
    SAMPLE SIZE---: 6 EACH UPDATED: 05/15/2019
    CONTAINER1: CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMRESSIVE STRENGTH, ABSORPTION
    REMARK-------- :
    SPECIFICATIONS: ART 1042.15 (C), ASTM C 139, HWY STD 602001,006,011,016,101, 602106,401,402,406,411,416,421,426 CBM POLICY MEMO 19

---> MATERIAL: 25104 BLOCKS, SOLID MASONRY BUILDING, EA EA (EA )
    METHOD OF ACCEPTANCE---: QUAL
    EVIDENCE OF INSPECTION:- LIST MATERIAL OWNER: PC
    SAMPLE SIZE---: 6 EACH UPDATED: 02/27/2017
    CONTAINER1: CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMRESSIVE STRENGTH, ABSORPTION
    REMARK-------- :
    SPECIFICATIONS: ART 1042.15 (C), ASTM C 139 CBM POLICY MEMO 19

---> MATERIAL: 25105 BRICK, SOLID BUILDING EA (EA )
    METHOD OF ACCEPTANCE---: QUAL
    EVIDENCE OF INSPECTION:- LIST MATERIAL OWNER: PC
    SAMPLE SIZE---: 6 EACH UPDATED: 04/16/2019
    CONTAINER1: CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMRESSIVE STRENGTH, ABSORPTION, LINEAR DRYING SHRINKAGE
    REMARK-------- :
    SPECIFICATIONS: ART 1042.15 (B) CBM POLICY MEMO 19

---> MATERIAL: 25106 BLOCKS, HOLLOW LOAD BEARING (C-90) EA (EA )
    METHOD OF ACCEPTANCE---: QUAL
    EVIDENCE OF INSPECTION:- LIST MATERIAL OWNER: PC
    SAMPLE SIZE---: 6 EACH UPDATED: 02/27/2017
    CONTAINER1: CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMRESSIVE STRENGTH, ABSORPTION, DENSITY, LINEAR DRYING SHRINKAGE
    REMARK-------- :
    SPECIFICATIONS: ART 1042.15 (C), ASTM C 90 CBM POLICY MEMO 19

---> MATERIAL: 25113 PAVER, CONCRETE EA (EA )
    METHOD OF ACCEPTANCE---: QUAL
    EVIDENCE OF INSPECTION:- LIST MATERIAL OWNER: PC
    SAMPLE SIZE---: 6 EACH UPDATED: 10/10/2017
    CONTAINER1: CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMRESSIVE STRENGTH, ABSORPTION
    FREEZE-THAW DURABILITY BY MANUFACT., ABRASION RESISTANCE
    REMARK-------- :
    SPECIFICATIONS: ART 1042.15 (D) CBM POLICY MEMO 19
**MANUAL FOR MATERIALS INSPECTION - PART 2**

**MATERIAL GROUP: 250 CONCRETE MASONRY UNITS**

--- MATERIAL: 25114  BLOCKS, REVETMENT MAT, PRECAST  EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST  MATERIAL OWNER: PC
  SAMPLE SIZE---: 6 EACH  UPDATED: 02/27/2017
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, ABSORPTION, DENSITY, FREEZE-THAW DURABILITY BY MANUFACTURER
  REMARK-------:
  SPECIFICATIONS:  ART 285.06, 1042.15 (A)  CBM POLICY MEMO 19

--- MATERIAL: 25115  BLOCKS, REVETMENT MAT, PRECAST, ARTICULATED  SQ YD(SQ M )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST  MATERIAL OWNER: PC
  SAMPLE SIZE---: 6 EACH  UPDATED: 04/16/2019
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIMENSIONS, COMP STRENGTH, ABSORP, DENSITY, SLUMP, AIR CONTENT FREEZE-THAW DURABILITY BY MANUFACTURER
  REMARK-------:
  SPECIFICATIONS:  ART 285.07, 1042.15 (A)  CBM POLICY MEMO 19

--- MATERIAL: 25201  RISERS & GRADE RINGS  EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST  MATERIAL OWNER: PC
  SAMPLE SIZE---:  UPDATED: 02/27/2017
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIMENSIONS, COMP STRENGTH, ABSORP, STEEL SIZE & PLACEMENT AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
  REMARK-------:
  SPECIFICATIONS:  ART 1042.10  CBM POLICY MEMO 19

--- MATERIAL: 25202  RISERS, CONCENTRIC CONE (STRAIGHT)  EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST  MATERIAL OWNER: PC
  SAMPLE SIZE---:  UPDATED: 04/16/2019
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIMENSIONS, COMP STRENGTH, ABSORP, STEEL SIZE & PLACEMENT AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
  REMARK-------:
  SPECIFICATIONS:  ART 1042.10, HWY STD 602401,402,406,411,416,421,426  CBM POLICY MEMO 19

--- MATERIAL: 25203  RISERS, ECCENTRIC CONE (OFFSET)  EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST  MATERIAL OWNER: PC
  SAMPLE SIZE---:  UPDATED: 04/16/2019
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIMENSIONS, COMP STRENGTH, ABSORP, STEEL SIZE & PLACEMENT AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
  REMARK-------:
  SPECIFICATIONS:  ART 1042.10, HWY STD 602401,402,406,411,416,421,426  CBM POLICY MEMO 19
---> MATERIAL: 25204  FLAT TOP SLAB, CONCRETE  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK------ : SPECIFICATIONS: ART 1042.10, HWY STD 602401,402,406,411,416,421,426
CBM POLICY MEMO 19

---> MATERIAL: 25205  BOTTOMS, PRECAST  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK------ : SPECIFICATIONS: ART 1042.10, HWY STD 602401,402,406,411,416,421,426
CBM POLICY MEMO 19

---> MATERIAL: 25206  INLET, COMPLETE  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK------ : CBM POLICY MEMO 19
SPECIFICATIONS: ART 1042.08.A104.12 HWY STD 542501,506,511,516,521,526,
531,536,541,546,602301,306

---> MATERIAL: 25208  INLET, PRECAST CONCRETE, SPECIAL  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK------ : SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
CBM POLICY MEMO 19
### Material: 25209 VAULT, VALVE EA (EA )

**Desc1:** 6  
**Desc2:**  
**Desc3:** SMALLQTY: .

**Method of Acceptance---**: QUAL  
**Evidence of Inspection---**: LIST  
**Sample Size---**:  
**Container1:** CONTAINER2:  
**Measurement---**: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

**Remark----**: THE VALVE VAULT BASE IS ATTACHED  
**Specifications**: ART 1042.10, HWY STD 602501, 602601  
**CBM Policy Memo 19**

### Material: 25210 HANDHOLE, CONCRETE EA (EA )

**Desc1:** 6  
**Desc2:**  
**Desc3:** SMALLQTY: .

**Method of Acceptance---**: QUAL  
**Evidence of Inspection---**: LIST  
**Sample Size---**:  
**Container1:** CONTAINER2:  
**Measurement---**: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

**Remark----**:  
**Specifications**: ART 1042.17, HWY STD 814001, 006  
**CBM Policy Memo 19**

### Material: 25211 HANDHOLE, COMPOSITE CONCRETE EA (EA )

**Desc1:** 12  
**Desc2:** 13  
**Desc3:** 15  
SMALLQTY: .

**Method of Acceptance---**: CERT  
**Evidence of Inspection---**: CERT  
**Sample Size---**:  
**Container1:** CONTAINER2:  
**Measurement---**: DIMENSIONS  
**Remark----**:  
**Specifications**: ART 1088.05, HWY STD 814001, 814006  
**CBM Policy Memo 19**

### Material: 25212 PLUG, END, CONCRETE EA (EA )

**Desc1:**  
**Desc2:**  
**Desc3:** SMALLQTY: .

**Method of Acceptance---**: QUAL  
**Evidence of Inspection---**: LIST  
**Sample Size---**:  
**Container1:** CONTAINER2:  
**Measurement---**: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

**Remark----**:  
**Specifications**: CONTRACT PLANS & SPEC PROV  
**CBM Policy Memo 19**

### Material: 25213 END SECTION, PIPE, CONCRETE, RECTANGULAR EA (EA )

**Desc1:** 6  
**Desc2:** 26  
**Desc3:** 12  
SMALLQTY: .

**Method of Acceptance---**: QUAL  
**Evidence of Inspection---**: LIST  
**Sample Size---**:  
**Container1:** CONTAINER2:  
**Measurement---**: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

**Remark----**:  
**Specifications**: BDE SPEC PROV FOR CONCRETE END SEC FOR PIPE CULVERTS, HWY STD 542001, 542011, CBM POLICY MEMO 19  
**CBM Policy Memo 19**
-- MATERIAL: 25214 RISERS, RECTANGULAR EA (EA )
METHOD OF ACCEPTANCE---: QUAL 
EVIDENCE OF INSPECTION-: LIST 
MATERIAL OWNER: PC 
SAMPLE SIZE---: CONTAINER1: CONTAINER2: 
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT 

AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI) 
REMARK--------: 
SPECIFICATIONS: ART 1042.10, HWY STD 602101,602106 
CBM POLICY MEMO 19

--- MATERIAL: 25215 BOTTOMS, PRECAST RECTANGULAR EA (EA )
METHOD OF ACCEPTANCE---: QUAL 
EVIDENCE OF INSPECTION-: LIST 
MATERIAL OWNER: PC 
SAMPLE SIZE---: CONTAINER1: CONTAINER2: 
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT 

AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI) 
REMARK--------: 
SPECIFICATIONS: ART 1042.10, HWY STD 602101,602106 
CBM POLICY MEMO 19

--- MATERIAL: 25216 FLAT TOP SLAB, RECTANGULAR EA (EA )
METHOD OF ACCEPTANCE---: QUAL 
EVIDENCE OF INSPECTION-: LIST 
MATERIAL OWNER: PC 
SAMPLE SIZE---: CONTAINER1: CONTAINER2: 
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT 

AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI) 
REMARK--------: 
SPECIFICATIONS: ART 1042.10, HWY STD 602101,602106 
CBM POLICY MEMO 19

--- MATERIAL: 25217 RISERS, SPECIAL EA (EA )
METHOD OF ACCEPTANCE---: QUAL 
EVIDENCE OF INSPECTION-: LIST 
MATERIAL OWNER: PC 
SAMPLE SIZE---: CONTAINER1: CONTAINER2: 
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, STEEL SIZE & PLACEMENT 

AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI) 
REMARK--------: 
SPECIFICATIONS: CONTRACT PLANS & SPEC PROV 
CBM POLICY MEMO 19

--- MATERIAL: 25301 BEAMS, BRIDGE PRECAST SQFT (SQ M )
METHOD OF ACCEPTANCE---: QUAL AND VIS 
EVIDENCE OF INSPECTION-: LIST AND ILOK 
MATERIAL OWNER: PC 
SAMPLE SIZE---: CONTAINER1: CONTAINER2: 
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, 

AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI) 
REMARK--------: 
SPECIFICATIONS: ART 1042.03 
CBM POLICY MEMO 19
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

---> MATERIAL: 25401  CAPS, PRECAST BRIDGE PIER  EA (EA )
    METHOD OF ACCEPTANCE: QUAL AND VIS
    EVIDENCE OF INSPECTION: LIST AND ILOK
    MATERIAL OWNER: PC
    SAMPLE SIZE: CONTAINER1: CONTAINER2:
    MEASUREMENT: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE AND PLACEMENT,
    AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
    REMARK: SPECIFICATIONS: ART 1042.03
    CBM POLICY MEMO 19

---> MATERIAL: 25501  PLANK, PRECAST CONCRETE  SQFT (SQ M )
    METHOD OF ACCEPTANCE: QUAL AND VIS
    EVIDENCE OF INSPECTION: LIST AND ILOK
    MATERIAL OWNER: PC
    SAMPLE SIZE: CONTAINER1: CONTAINER2:
    MEASUREMENT: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
    AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
    REMARK: SPECIFICATIONS: ART 1042.03
    CBM POLICY MEMO 19

---> MATERIAL: 25504  BARRIER, PRECAST CONCRETE MEDIAN  LINFT(METER )
    METHOD OF ACCEPTANCE: QUAL
    EVIDENCE OF INSPECTION: LIST
    MATERIAL OWNER: PC
    SAMPLE SIZE: CONTAINER1: CONTAINER2:
    MEASUREMENT: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
    AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
    REMARK: SPECIFICATIONS: ART 1042.02, 1042.14, HWY STD 704001
    CBM POLICY MEMO 19

---> MATERIAL: 25507  WINGWALL, PRECAST CONCRETE  SQFT (SQ M )
    METHOD OF ACCEPTANCE: QUAL AND VIS
    EVIDENCE OF INSPECTION: LIST AND ILOK
    MATERIAL OWNER: PC
    SAMPLE SIZE: CONTAINER1: CONTAINER2:
    MEASUREMENT: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
    AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
    REMARK: SPECIFICATIONS: GUIDE BRIDGE SPEC Prov FOR THREE SIDED PRECAST CONCRETE STRUCTURES
    CBM POLICY MEMO 19
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

--- MATERIAL: 25508  SLAB, APPROACH, PRECAST CONCRETE  SQFT (SQ M )
METHOD OF ACCEPTANCE---: QUAL AND VIS
EVIDENCE OF INSPECTION-: LIST AND ILOK
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK--------:
SPECIFICATIONS: ART 1042.03
CBM POLICY MEMO 19

--- MATERIAL: 25512  WHEEL STOPS, PRECAST CONCRETE  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK--------:
SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
CBM POLICY MEMO 19

--- MATERIAL: 25513  RETAINING WALL, SPECIAL, PRECAST CONCRETE  SQFT (SQ M )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK--------: PROD MUST BE ON BBS LIST FOR PREQUAL PRECAST MODULAR RETAIN WALL SYSTEMS
SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
CBM POLICY MEMO 19

--- MATERIAL: 25514  GLARE SHIELD, PRECAST CONCRETE  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK--------:
SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
CBM POLICY MEMO 19
Material: 25515 Footing, Precast

Specs: art 1042.03

ECB Policy Memo 19

Material: 25517 End Section, Precast Concrete Median Barrier

Specs: art 1042.02, 1042.14, HWY STD 704001

ECB Policy Memo 19

Material: 25518 Retaining Wall Block

Specs: art 522.12, 1042.21

ECB Policy Memo 19

Material: 25519 Retaining Wall Cap

Specs: art 522.12, 1042.21

ECB Policy Memo 19

Material: 25520 Wall Panel, Reflective Noise Wall, Precast Concrete

Specs: art 1042.03, Contract Plans & Spec Prov
-- MATERIAL: 25521  PANEL, PRECAST CONCRETE PARAPET   LINFT(METER)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE--:  CONTAINER:
MEASUREMENT---:  DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
                AIR, SLUMP,  (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK--------:  SPECIFICATIONS: ART 1042.03, CONTRACT PLANS & SPEC PROV
CBM POLICY MEMO 19

-- MATERIAL: 25522  WALL, PRECAST MODULAR RETAINING   EA (  )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE--:  CONTAINER:
MEASUREMENT---:  DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
                AIR, SLUMP,  (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK--------:  SPECIFICATIONS: ART 522.10, 1042.18
CBM POLICY MEMO 19

-- MATERIAL: 25523  PANEL, MECHANICALLY STAB EARTH RETAIN WALL, PRECAST CONCRETE SQFT (SQ M )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE--:  CONTAINER:
MEASUREMENT---:  DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
                AIR, SLUMP,  (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK--------:  SPECIFICATIONS: ART 522.09, 1042.19
                PROD MUST BE ON BBS LIST FOR PREQUAL MECHANICALLY STABILIZED
                EARTH RETAINING WALL SYSTEMS
                QC PLAN REQUIRES INDEPENDENT LAB TEST RESULTS PER SPEC
CBM POLICY MEMO 19

-- MATERIAL: 25524  WALL PANEL, ABSORPTIVE NOISE WALL, PRECAST CONCRETE SQFT (SQ M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: TEST
MATERIAL OWNER: PC
SAMPLE SIZE--:  CONTAINER:
MEASUREMENT---:  DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
                AIR, SLUMP,  (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX,HVSI)
REMARK--------:  SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
                USE THIS CODE IF SIDE FACING ROADWAY IS ABSORPTIVE
                QC PLAN REQUIRES INDEPENDENT LAB TEST RESULTS PER SPEC
--- MATERIAL: 25701  FLARED END SECTION, REINFORCED CONCRETE, CIRCULAR  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE--:  CONTAINER1:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK-------:  SPECIFICATIONS:  ART 1042.07, HWY STD 542301
CBM POLICY MEMO 19

--- MATERIAL: 25702  TOE WALL, FLARED END SECTION  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE--:  CONTAINER1:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK-------:  SPECIFICATIONS:  ART 1042.07, HWY STD 542301,542306
CBM POLICY MEMO 19

--- MATERIAL: 25703  HEADWALL, CONCRETE  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE--:  CONTAINER1:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK-------:  SPECIFICATIONS:  ART 1042.02, 1042.09, HWY STD 601101
CBM POLICY MEMO 19

--- MATERIAL: 25704  FLARED END SECTION, REINFORCED CONCRETE, ELLIPTICAL  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE--:  CONTAINER1:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK-------:  SPECIFICATIONS:  ART 1042.07, HWY STD 542306
CBM POLICY MEMO 19

--- MATERIAL: 25803  SPLASH BLOCK  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE--:  CONTAINER1:
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, SLUMP, AIR,
(SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK-------:  SPECIFICATIONS:  CONTRACT PLANS & SPEC PROV
CBM POLICY MEMO 19
MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

--> MATERIAL: 25901    TABLES, PICNIC, CONCRETE                        EA (EA )
     METHOD OF ACCEPTANCE--=: QUAL
     EVIDENCE OF INSPECTION--=: LIST
     MATERIAL OWNER: PC
     SAMPLE SIZE--=:        CONTAINER1 :
     CONTAINER2 :
     MEASUREMENT--=: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
     REMARK--------:
     SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
     CBM POLICY MEMO 19

--> MATERIAL: 25902    TRASH RECEPTACLE, PRECAST CONCRETE            EA (EA )
     METHOD OF ACCEPTANCE--=: QUAL
     EVIDENCE OF INSPECTION--=: LIST
     MATERIAL OWNER: PC
     SAMPLE SIZE--=:        CONTAINER1 :
     CONTAINER2 :
     MEASUREMENT--=: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
     REMARK--------:
     SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
     CBM POLICY MEMO 19

--> MATERIAL: 25903    PLANTER, PRECAST CONCRETE                     EA (EA )
     METHOD OF ACCEPTANCE--=: QUAL
     EVIDENCE OF INSPECTION--=: LIST
     MATERIAL OWNER: PC
     SAMPLE SIZE--=:        CONTAINER1 :
     CONTAINER2 :
     MEASUREMENT--=: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
     REMARK--------:
     SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
     CBM POLICY MEMO 19

--> MATERIAL: 25904    BOLLARD/PILASTER, PRECAST CONCRETE            EA (EA )
     METHOD OF ACCEPTANCE--=: QUAL
     EVIDENCE OF INSPECTION--=: LIST
     MATERIAL OWNER: PC
     SAMPLE SIZE--=:        CONTAINER1 :
     CONTAINER2 :
     MEASUREMENT--=: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
     REMARK--------:
     SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
     CBM POLICY MEMO 19

--> MATERIAL: 26001    MARKER ROW                                     EA (EA )
     METHOD OF ACCEPTANCE--=: QUAL
     EVIDENCE OF INSPECTION--=: LIST
     MATERIAL OWNER: PC
     SAMPLE SIZE--=:        CONTAINER1 :
     CONTAINER2 :
     MEASUREMENT--=: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
     REMARK--------:
     SPECIFICATIONS: ART 1042.02, 1042.13, HWY STD 666001
     CBM POLICY MEMO 19
<table>
<thead>
<tr>
<th>MATERIAL ID</th>
<th>MATERIAL DESCRIPTION</th>
<th>EA (EA )</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>LOCATION</th>
<th>UPDATED</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
<th>CBM POLICY MEMO</th>
</tr>
</thead>
<tbody>
<tr>
<td>26002</td>
<td>MARKER, SECTION</td>
<td></td>
<td>12</td>
<td></td>
<td></td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26003</td>
<td>MARKER, DRAINAGE</td>
<td></td>
<td>12</td>
<td></td>
<td></td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26004</td>
<td>MARKER, COMBINATION (SECTION &amp; ROW)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26005</td>
<td>MARKER, SURVEY CONCRETE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26006</td>
<td>MARKER, REFERENCE, CONCRETE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**MANUAL FOR MATERIALS INSPECTION - PART 2**

**MATERIAL GROUP: 250 CONCRETE MASONRY UNITS**

-- MATERIAL: 26101  MANHOLES, COMPLETE EA (EA )

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>6</td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION-: LIST  
MATERIAL OWNER: PC  
SAMPLE SIZE---: UPDATED: 04/16/2019  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)  
REMARK-------- : THE MANHOLE BASE IS ATTACHED  
SPECIFICATIONS: ART 1042.10, HWY STD 602401,402,406,411,416,421,426  
CBM POLICY MEMO 19

-- MATERIAL: 26102  CATCH BASINS, COMPLETE EA (EA )

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>6</td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION-: LIST  
MATERIAL OWNER: PC  
SAMPLE SIZE---: UPDATED: 02/27/2017  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)  
REMARK-------- : THE CATCH BASIN BASE IS ATTACHED  
SPECIFICATIONS: ART 1042.10, HWY STD 602001,602006,602011,602016  
CBM POLICY MEMO 19

-- MATERIAL: 26103  TEE, MANHOLE EA (EA )

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>14</td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION-: LIST  
MATERIAL OWNER: PC  
SAMPLE SIZE---: UPDATED: 02/27/2017  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)  
REMARK-------- :  
SPECIFICATIONS: ART 1042.10  
CBM POLICY MEMO 19

-- MATERIAL: 26104  CATCH BASINS, SQUARE, COMPLETE EA (EA )

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>27</td>
<td>18</td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION-: LIST  
MATERIAL OWNER: PC  
SAMPLE SIZE---: UPDATED: 02/27/2017  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)  
REMARK-------- : THE CATCH BASIN BASE IS ATTACHED  
SPECIFICATIONS: ART 1042.10, HWY STD 602101,602106  
CBM POLICY MEMO 19
MATERIAL: 26109  GULFBOX JUNCTION, COMPOSITE CONCRETE EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 03/30/2012
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS
REMARK--------:
SPECIFICATIONS: ART 1088.07 (B)
-- MATERIAL: 27601 BEAMS, I, BRIDGE, PRECAST PRESTRESSED CONCRETE
METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: ILOK MATERIAL OWNER: PC
SAMPLE SIZE: UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, SLUMP,AIR,STRENGTH;SCC:SLUMP FLOW,VS1,J-RING/L-BOX,HVSI
REMARK: QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS-FINAL REPORT AT CBM-SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS SPECIFICATIONS: ART 504.06, MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONCRETE PRODUCTS

-- MATERIAL: 27602 BEAMS, BULB T, BRIDGE, PRECAST PRESTRESSED
METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: ILOK MATERIAL OWNER: PC
SAMPLE SIZE: UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, SLUMP,AIR,STRENGTH;SCC:SLUMP FLOW,VS1,J-RING/L-BOX,HVSI
REMARK: QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS-FINAL REPORT AT CBM-SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS SPECIFICATIONS: ART 504.06, MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONCRETE PRODUCTS

-- MATERIAL: 27603 BEAMS, IL N, BRIDGE, PRECAST PRESTRESSED CONCRETE
METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: ILOK MATERIAL OWNER: PC
SAMPLE SIZE: UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, SLUMP,AIR,STRENGTH;SCC:SLUMP FLOW,VS1,J-RING/L-BOX,HVSI
REMARK: QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS-FINAL REPORT AT CBM-SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS SPECIFICATIONS: ART 504.06, MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONCRETE PRODUCTS

-- MATERIAL: 27604 BEAMS, IL W, BRIDGE, PRECAST PRESTRESSED CONCRETE
METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: ILOK MATERIAL OWNER: PC
SAMPLE SIZE: UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, SLUMP,AIR,STRENGTH;SCC:SLUMP FLOW,VS1,J-RING/L-BOX,HVSI
REMARK: QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS-FINAL REPORT AT CBM-SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS SPECIFICATIONS: ART 504.06, MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONCRETE PRODUCTS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 275 PRESTRESSED & POSTTENSIONED CONCRETE PRODUCTS

--> MATERIAL: 27701 BEAMS, DECK, BRIDGE, PRECAST PRESTRESSED CONCRETE SQFT (SQM )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: ILOK
SAMPLE SIZE---: UPDATED: 02/27/2017
MATERIAL OWNER: PC
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION,
SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VSI, J-RING/L-BOX, HVSI
REMARK-------- : QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS~FINAL REPORT
AT CBM~SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS
SPECIFICATIONS: ART 504.06, MANUAL FOR FABRICATION OF PRECAST PRESTRESSED
CONCRETE PRODUCTS

--> MATERIAL: 27702 BEAMS, DECK, BRIDGE, SOLID PROFILE, PRECAST PRESTRESSED CONCRETE LINFT (METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: ILOK
SAMPLE SIZE---: UPDATED: 02/27/2017
MATERIAL OWNER: PC
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION,
SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VSI, J-RING/L-BOX, HVSI
REMARK-------- : QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS~FINAL REPORT
AT CBM~SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS
SPECIFICATIONS: ART 504.06, MANUAL FOR FABRICATION OF PRECAST PRESTRESSED
CONCRETE PRODUCTS

--> MATERIAL: 27805 POST, PRECAST PRESTRESSED CONCRETE NOISE ABATEMENT EA (EA )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: ILOK
SAMPLE SIZE---: UPDATED: 02/27/2017
MATERIAL OWNER: PC
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION,
SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VSI, J-RING/L-BOX, HVSI
REMARK-------- : QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS~FINAL REPORT
AT CBM~SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS
SPECIFICATIONS: ART 504.06, MANUAL FOR FABRICATION OF PRECAST PRESTRESSED
CONCRETE PRODUCTS.

--> MATERIAL: 27806 PANEL, PRECAST PRESTRESSED CONCRETE (SIGHT SCREEN) SQFT (SQM )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: ILOK
SAMPLE SIZE---: UPDATED: 02/27/2017
MATERIAL OWNER: PC
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION,
SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VSI, J-RING/L-BOX, HVSI
REMARK-------- : QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS~FINAL REPORT
AT CBM~SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS
SPECIFICATIONS: SEC 639, HWY STD 639001, MANUAL FOR FABRICATION
OF PRECAST PRESTRESSED CONCRETE PRODUCTS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

--> MATERIAL: 30101 CABLE, ELECTRICAL 1/C COPPER LINFT(METER )
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION---: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK------- : VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER
SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS

--> MATERIAL: 30102 CABLE, ELECTRICAL 2/C COPPER LINFT(METER )
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION---: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK------- : VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARKS. CHECK SIZE & NUM. OF CONDUCTORS & AGE(YRS) RECORD MANUFACTURER
SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS

--> MATERIAL: 30103 CABLE, ELECTRICAL 3/C COPPER LINFT(METER )
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION---: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK------- : VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER
SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS

--> MATERIAL: 30104 CABLE, ELECTRICAL 4/C COPPER LINFT(METER )
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION---: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK------- : VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER
SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS

--> MATERIAL: 30105 CABLE, ELECTRICAL 5/C COPPER LINFT(METER )
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION---: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK------- : VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER
SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS
--- MATERIAL: 30106  CABLE, ELECTRICAL 6/C COPPER LINF(METER )
MENTS: 30106
DESC1:  20  DESC2:  21  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION-: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 02/27/2008
CONTAINER1:  CONTAINER2:
MEASUREMENT----:
REM-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK
SIZE & NUM. OF CONDUCTORS & AGE(5YRS)RECORD MANUFACTURER
SPECIFICATIONS:  ART 1076.04 OR CONTRACT PLANS

--- MATERIAL: 30107  CABLE, ELECTRICAL 7/C COPPER LINF(METER )
MENTS: 30107
DESC1:  20  DESC2:  21  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION-: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 02/27/2008
CONTAINER1:  CONTAINER2:
MEASUREMENT----:
REM-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK
SIZE & NUM. OF CONDUCTORS & AGE(5YRS)RECORD MANUFACTURER
SPECIFICATIONS:  ART 1076.04 OR CONTRACT PLANS

--- MATERIAL: 30108  CABLE, ELECTRICAL 8/C COPPER LINF(METER )
MENTS: 30108
DESC1:  20  DESC2:  21  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION-: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 03/12/2014
CONTAINER1:  CONTAINER2:
MEASUREMENT----:
REM-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK
SIZE & NUM. OF CONDUCTORS & AGE(5YRS)RECORD MANUFACTURER
SPECIFICATIONS:  ART 1076.04 OR CONTRACT PLANS

--- MATERIAL: 30109  CABLE, ELECTRICAL 9/C COPPER LINF(METER )
MENTS: 30109
DESC1:  20  DESC2:  21  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION-: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 02/27/2008
CONTAINER1:  CONTAINER2:
MEASUREMENT----:
REM-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK
SIZE & NUM. OF CONDUCTORS & AGE(5YRS)RECORD MANUFACTURER
SPECIFICATIONS:  ART 1076.04 OR CONTRACT PLANS

--- MATERIAL: 30110  CABLE, ELECTRICAL 10/C COPPER LINF(METER )
MENTS: 30110
DESC1:  20  DESC2:  21  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION-: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 03/11/2013
CONTAINER1:  CONTAINER2:
MEASUREMENT----:
REM-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK
SIZE & NUM. OF CONDUCTORS & AGE(5YRS)RECORD MANUFACTURER
SPECIFICATIONS:  ART 1076.04 OR CONTRACT PLANS
| MATERIAL: | 30112 | CABLE, ELECTRICAL 12/C COPPER | LINFT(METER) |
| Desc1: 20 | Desc2: 21 | Desc3: SMALLQTY: |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 02/27/2008 |
| CONTAINER1: CONTAINER2: |
| MEASUREMENT: |
| REMARK: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER |
| SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS |

| MATERIAL: | 30115 | CABLE, ELECTRICAL COPPER (PAIRS) | LINFT(METER) |
| Desc1: 20 | Desc2: 21 | Desc3: 57 | SMALLQTY: |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 02/27/2008 |
| CONTAINER1: CONTAINER2: |
| MEASUREMENT: |
| REMARK: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER |
| SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS |

| MATERIAL: | 30118 | CABLE, ELECTRICAL 18/C COPPER | LINFT(METER) |
| Desc1: 20 | Desc2: 21 | Desc3: SMALLQTY: |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 07/19/2016 |
| CONTAINER1: CONTAINER2: |
| MEASUREMENT: |
| REMARK: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER |
| SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS |

| MATERIAL: | 30119 | CABLE, ELECTRICAL 19/C COPPER | LINFT(METER) |
| Desc1: 20 | Desc2: 21 | Desc3: SMALLQTY: |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 02/27/2008 |
| CONTAINER1: CONTAINER2: |
| MEASUREMENT: |
| REMARK: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER |
| SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS |

<p>| MATERIAL: | 30125 | CABLE, ELECTRICAL 16/C COPPER | LINFT(METER) |
| Desc1: 20 | Desc2: 21 | Desc3: SMALLQTY: |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 03/03/2016 |
| CONTAINER1: CONTAINER2: |
| MEASUREMENT: |
| REMARK: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER |
| SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS |</p>
<table>
<thead>
<tr>
<th>MATERIAL: 30155</th>
<th>CABLE, ELECTRICAL TWISTED SHIELD COPPER</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 20</td>
<td>DESC2: 21</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: VIS</td>
<td>EVIDENCE OF INSPECTION: MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1076.04 OR CONTACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 30201</th>
<th>CABLE, ELECTRICAL 1/C ALUMINUM</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 20</td>
<td>DESC2: 21</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: VIS</td>
<td>EVIDENCE OF INSPECTION: MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 30202</th>
<th>CABLE, ELECTRICAL 2/C ALUMINUM</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 20</td>
<td>DESC2: 21</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: VIS</td>
<td>EVIDENCE OF INSPECTION: MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 30203</th>
<th>CABLE, ELECTRICAL 3/C ALUMINUM</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 20</td>
<td>DESC2: 21</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: VIS</td>
<td>EVIDENCE OF INSPECTION: MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 30204</th>
<th>CABLE, ELECTRICAL 4/C ALUMINUM</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 20</td>
<td>DESC2: 21</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: VIS</td>
<td>EVIDENCE OF INSPECTION: MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

--> MATERIAL: 30518  UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 40 LINFT(METER )
    DESC1: 14  DESC2: 38  DESC3: 54  SMALLQTY: .
    METHOD OF ACCEPTANCE---: VIS
    EVIDENCE OF INSPECTION-: MARK
    MATERIAL OWNER: MT
    SAMPLE SIZE---: 1 @ 4'
    UPDATED: 04/27/2016
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMPRESSION, RECOVERY
    REMARK---------: UNIT DUCT WITH CONDUCTORS
    SPECIFICATIONS: ART 1066.01, NEMA TC-7

--> MATERIAL: 30519  UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 40 LINFT(METER )
    METHOD OF ACCEPTANCE---: VIS
    EVIDENCE OF INSPECTION-: MARK
    MATERIAL OWNER: MT
    SAMPLE SIZE---: 1 @ 4'
    UPDATED: 04/27/2016
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMPRESSION, RECOVERY
    REMARK---------: "SPECIAL=UNIT DUCT WITH NO CONDUCTORS"
    SPECIFICATIONS: ART 1088.01

--> MATERIAL: 30520  UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 80 LINFT(METER )
    DESC1: 14  DESC2: 38  DESC3: 54  SMALLQTY: .
    METHOD OF ACCEPTANCE---: VIS
    EVIDENCE OF INSPECTION-: MARK
    MATERIAL OWNER: MT
    SAMPLE SIZE---: 1 @ 4'
    UPDATED: 02/09/2015
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMPRESSION, RECOVERY
    REMARK---------:
    SPECIFICATIONS: ART 1066.01, NEMA TC-7

--> MATERIAL: 30521  UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 80 LINFT(METER )
    DESC1: 14  DESC2: 38  DESC3: 54  SMALLQTY: .
    METHOD OF ACCEPTANCE---: VIS
    EVIDENCE OF INSPECTION-: MARK
    MATERIAL OWNER: MT
    SAMPLE SIZE---: 1 @ 4'
    UPDATED: 04/27/2016
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: DIMENSIONS, COMPRESSION, RECOVERY
    REMARK---------: "SPECIAL=UNIT DUCT WITH NO CONDUCTORS"
    SPECIFICATIONS: ART 1088.01

--> MATERIAL: 30601  WIRE, SPAN WITH CONDUCTOR LINFT(METER )
    DESC1: 14  DESC2: 38  DESC3: 54  SMALLQTY: .
    METHOD OF ACCEPTANCE---: TEST
    EVIDENCE OF INSPECTION-: LA15 TEST
    MATERIAL OWNER: MT
    SAMPLE SIZE---: 2 @ 4FT LONG
    UPDATED: 01/06/2011
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: DIAMETER, TENS. STRTH., WEIGHT OF COATING
    REMARK---------: DOMESTIC STEEL ACT APPLIES
    SPECIFICATIONS: ART 1076.03, HWY STD, CONTRACT PLANS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

--- MATERIAL: 30602 WIRE, SPAN WITHOUT CONDUCTOR LINFT(METER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: LA15 TEST MATERIAL OWNER: MT
  SAMPLE SIZE---: 2 @ 4FT LONG UPDATED: 01/06/2011
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIAMETER, TENS. STRTH., WEIGHT OF COATING
  REMARK---------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1076.03, HWY STD, CONTRACT PLANS

--- MATERIAL: 30603 WIRE, BARE GROUND, COPPER LINFT(METER )
  METHOD OF ACCEPTANCE---: VIS
  EVIDENCE OF INSPECTION: VIS LA15 ILOK MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 @ 36" UPDATED: 02/27/2008
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIAMETER
  REMARK---------: SPECIFICATIONS: ART 1087.01 HWY STD, CONTRACT PLANS

--- MATERIAL: 30604 WIRE, TETHER LINFT(METER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: LA15 TEST MATERIAL OWNER: MT
  SAMPLE SIZE---: 2 @ 4FT LONG UPDATED: 01/06/2011
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIAMETER, TENS. STRTH., WEIGHT OF COATING
  REMARK---------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1076.03, HWY STD

--- MATERIAL: 30605 WIRE, SPAN WITH CONDUCTOR, ALUMINUM LINFT(METER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: LA15 TEST MATERIAL OWNER: MT
  SAMPLE SIZE---: 2 @ 4FT LONG UPDATED: 01/06/2011
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIAMETER, BREAKING STRTH., WEIGHT OF COATING
  REMARK---------: SPECIFICATIONS: SPEC PROV & CONTRACT PLANS

--- MATERIAL: 30801 CONDUIT, RIGID STEEL, ZINC COATED ANSI 80.1 LINFT(METER )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: LA15 CERT AND MARK MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 @ 18" UPDATED: 01/06/2011
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIMENSIONS, WEIGHT OF COATING
  REMARK---------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
                  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1088.01, ANSI C80.1
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

---> MATERIAL: 30802  FITTING, CONDUIT RIGID STEEL, ZINC COATED ANSI 80.1  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: LA15 CERT AND MARK  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2008
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIMENSIONS, WEIGHT OF COATING
REMARK--------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1088.01, ANSI C80.1

---> MATERIAL: 30803  CONDUIT, RIGID STEEL, PVC COATED  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: LA15 CERT AND MARK  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 18"  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: WALL THICKNESS, WEIGHT OF ZINC COATING, THICKNESS OF PLASTIC COATING
REMARK--------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1088.01, SPEC PROV, CONTRACT PLANS

---> MATERIAL: 30804  CONDUIT, INTERMEDIATE METAL, UL 1242  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: LA15 CERT AND MARK  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 18"  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: WALL THICKNESS, WEIGHT PER FOOT
REMARK--------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1088.01

---> MATERIAL: 30805  CONDUIT, RIGID STEEL, POLYMER COATED  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: LA15 CERT AND MARK  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 18"  UPDATED: 02/27/2012
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: WALL THICKNESS, WEIGHT OF ZINC COATING, THICKNESS OF PLASTIC COATING
REMARK--------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1088.01, SPEC PROV, CONTRACT PLANS

---> MATERIAL: 30806  CONDUIT, STAINLESS STEEL. TYPE 304 OR 316  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: LA15 CERT AND MARK  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 05/17/2017
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIMENSIONS
REMARK--------: UL MARKING MUST BE PRESENT
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1088.01(A)6
--- MATERIAL: 30807  Fitting, Conduit, Stainless Steel. Type 304 or 316   EA (EA )  
DESC1: 14   DESC2: 27   DESC3:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: LA15 CERT AND MARK  
MATERIAL OWNER: MT  
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 05/17/2017  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: DIMENSIONS  
REMARK-------: UL MARKING MUST BE PRESENT  
DOMESTIC STEEL ACT APPLIES  
SPECIFICATIONS: ART 1088.01(A)6

--- MATERIAL: 31101  Conduit, Rigid Plastic, PVC, Nema TC-2 (Schedule 40)  
LINFT(METER )  
DESC1: 14   DESC2:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: LA15 CERT AND MARK  
MATERIAL OWNER: MT  
SAMPLE SIZE---: 1 0 3 FT.  
UPDATED: 04/07/2015  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: STIFFNESS, WALL THICKNESS  
REMARK-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK  
CATALOG CUT MAY BE USED AS CERT  
SPECIFICATIONS: ART 1088.01, NEMA TC-2 (Schedule 40)

--- MATERIAL: 31102  Fitting, Conduit Rigid Plastic  
LINFT( )  
DESC1: 14   DESC2:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: LA15 CERT AND MARK  
MATERIAL OWNER: MT  
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 04/07/2015  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: SIZE  
REMARK-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK  
CATALOG CUT MAY BE USED AS CERT  
SPECIFICATIONS: ART 1088.01, NEMA TC-3

--- MATERIAL: 31104  Conduit, Rigid Plastic, PVC, Split Repair  
LINFT( )  
DESC1: 14   DESC2:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: LA15 CERT AND MARK  
MATERIAL OWNER: MT  
SAMPLE SIZE---: 1 0 3 FT.  
UPDATED: 04/07/2015  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: STIFFNESS, WALL THICKNESS  
REMARK-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK  
CATALOG CUT MAY BE USED AS CERT  
SPECIFICATIONS: ART 1088.01, NEMA TC-2

--- MATERIAL: 31106  Conduit, Rigid Plastic, PVC, Nema TC-2 (Schedule 80)  
LINFT(METER )  
DESC1: 14   DESC2:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: LA15 CERT AND MARK  
MATERIAL OWNER: MT  
SAMPLE SIZE---: 1 0 3 FT.  
UPDATED: 01/31/2017  
CONTAINER1: CONTAINER2:  
MEASUREMENT---: STIFFNESS, WALL THICKNESS  
REMARK-------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK  
CATALOG CUT MAY BE USED AS CERT  
SPECIFICATIONS: ART 1088.01, NEMA TC-2 (Schedule 80)
### MATERIAL: 31201  CONDUIT, RIGID ALUMINUM

**Descrip:** 14  
**Desc2:**  
**Desc3:**  
**Small Qty:** .  
**Evidence of Inspection:** CERT  
**Cert and Mark:** MATERIAL OWNER: MT  
**Sample Size:** 1 @ 18"  
**Updated:** 04/07/2015  
**Measurement:** DIMENSIONS, WEIGHT  
**Remark:** VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK  
**Specifications:** ART 1088.01, CONTRACT PLANS, ANSI C80.5

### MATERIAL: 31301  CONDUIT, FLEXIBLE STEEL

**Descrip:** 14  
**Desc2:**  
**Desc3:**  
**Small Qty:** .  
**Evidence of Inspection:** CERT  
**Cert and Mark:** MATERIAL OWNER: MT  
**Sample Size:** 1 @ 18"  
**Updated:** 12/30/2015  
**Measurement:** THICKNESS OF STRIP, THICKNESS OF ZINC COATING  
**Remark:** VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK  
**Specifications:** SPEC PROV OR CONTRACT PLANS

### MATERIAL: 31302  CONDUIT, FLEXIBLE STEEL, VINYL COATED

**Descrip:** 14  
**Desc2:**  
**Desc3:**  
**Small Qty:** .  
**Evidence of Inspection:** CERT  
**Cert and Mark:** MATERIAL OWNER: MT  
**Sample Size:** 1 @ 18"  
**Updated:** 12/30/2015  
**Measurement:** THICKNESS OF STEP, THICKNESS OF COATING  
**Remark:** VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK  
**Specifications:** SPEC PROV OR CONTRACT PLANS

### MATERIAL: 31504  CABLE, FIBER OPTIC

**Descrip:**  
**Desc2:**  
**Desc3:**  
**Small Qty:** .  
**Evidence of Inspection:** CERT  
**Cert and Mark:** MATERIAL OWNER: MT  
**Sample Size:** FIELD INSPECTION  
**Updated:** 04/07/2015  
**Measurement:** MFGR PROOF LOAD & ATTENUATION CERTIFICATION, REEL LABEL & CABLE MARKING  
**Remark:** VERIFY MARK INCLUDE SPECIFIED ANSI OR OTHER MARK  
**Specifications:** ART 1076.02

### MATERIAL: 31505  CABLE, COAXIAL

**Descrip:**  
**Desc2:**  
**Desc3:**  
**Small Qty:** .  
**Evidence of Inspection:** CERT  
**Cert and Mark:** MATERIAL OWNER: MT  
**Sample Size:** FIELD INSPECTION  
**Updated:** 04/07/2015  
**Measurement:** DOCUMENTATION THAT VERIFIES CONTRACT RQMTS (MARKINGS, CERTIFICATIONS, CATALOG CUTS, ETC)  
**Remark:** CATALOG CUT MAY BE USED AS CERT  
**Specifications:** CONTRACT SPEC PROV/PLAN DETAILS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

--- MATERIAL: 31506 TAPE, UNDERGROUND CABLE MARKING
DESC1: TAPE
DESC2: UNDERGROUND CABLE MARKING
DESC3: LINFT(METER )
SMALLQTY: .
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: LA15 CERT AND MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 04/07/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: COLOR AND MARKINGS
REMARK--------: CATALOG CUT MAY BE USED AS CERT
SPECIFICATIONS: ART 1066.05

--- MATERIAL: 31507 CABLE, ETHERNET, CATEGORY 5
DESC1: CABLE
DESC2: ETHERNET
DESC3: CATEGORY 5
SMALLQTY: .
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION: MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 08/15/2014
CONTAINER1: CONTAINER2:
MEASUREMENT---: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE & NUM. OF CONDUCTORS & AGE(5YRS) RECORD MANUFACTURER
SPECIFICATIONS: SPEC PROV & CONTRACT PLANS

--- MATERIAL: 31601 GROUND ROD
DESC1: 14
DESC2: GROUND ROD
DESC3: LINFT(METER )
SMALLQTY: .
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 06/15/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, TYPE OF COATING
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1087.01, HWY STD

--- MATERIAL: 31602 PLASTIC TUBE (LOOP DETECTOR)
DESC1: 14
DESC2: PLASTIC TUBE
DESC3: LOOP DETECTOR
SMALLQTY: .
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 CERT AND MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 04/07/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS
REMARK--------: CATALOG CUT MAY BE USED AS CERT
SPECIFICATIONS: ART 1079.02

--- MATERIAL: 31603 WIRE & TUBING, DETECTOR LOOP
DESC1: 20
DESC2: WIRE & TUBING
DESC3: DETECTOR LOOP
SMALLQTY: .
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 CERT AND MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 04/07/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS
REMARK--------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
CATALOG CUT MAY BE USED AS CERT
SPECIFICATIONS: ART 1079.02, CONTRACT PLANS
MATERIAL: 31604  WIRE, GUY LINFT (METER )
METHOD OF ACCEPTANCE---: TEST 
EVIDENCE OF INSPECTION---: LA15 TEST  
MATERIAL OWNER: MT
SAMPLE SIZE---:  2 @ 4FT LONG  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2: 
MEASUREMENT---: BREAKING STRTH., WEIGHT OF COATING
REMARK------- :  DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1077.04, HWY STD

MATERIAL: 31605  VIDEO, DETECTION SYSTEM COMPLETE  EA (EA )
METHOD OF ACCEPTANCE---: VIS 
EVIDENCE OF INSPECTION---: VIS  
MATERIAL OWNER: MT
SAMPLE SIZE---:  
CONTAINER1:  CONTAINER2: 
MEASUREMENT---:  
REMARK------- :  
SPECIFICATIONS:  CONTRACT SPEC PROV/PLAN NOTES

MATERIAL: 31606  VIDEO SURVEILLANCE SYSTEM COMPLETE  EA (EA )
METHOD OF ACCEPTANCE---: VIS 
EVIDENCE OF INSPECTION---: VIS  
MATERIAL OWNER: MT
SAMPLE SIZE---:  
CONTAINER1:  CONTAINER2: 
MEASUREMENT---:  
REMARK------- :  
SPECIFICATIONS:  CONTRACT SPEC PROV/PLAN NOTES
MATERIAL GROUP: 330 LIGHT & SIGNAL STANDARD

--- MATERIAL: 33001 LIGHT & SIGNAL STANDARD UNITS COMPLETE
EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: VIS AND CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 03/18/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, WORKMANSHIP
REMARK--------: APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: ART 1077.03, SPEC PROV

--- MATERIAL: 33002 LIGHT & SIGNAL STANDARD, ALUMINUM, UNITS COMPLETE
EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: VIS AND CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 07/02/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, WORKMANSHIP
REMARK--------: APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING
CERT IS TO VERIFY AL MEETS GRADE REQUIRED
SPECIFICATIONS: SPEC PROV, CONTRACT PLANS

--- MATERIAL: 33101 POLE, ALUMINUM
PC (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT I Lok MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, WORKMANSHIP
REMARK--------: APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING
SPECIFICATIONS: ART 1069.02 SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 33111 POLE, FIBERGLASS
PC (PC )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 03/22/2010
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, WORKMANSHIP
REMARK--------: APPROVED BY CONFORMANCE TO CONTRACT PLANS OR APPROVED DRAWINGS
SPECIFICATIONS: ART 1069.05

--- MATERIAL: 33201 POLE, RUST RESISTANT STEEL
PC (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT I Lok MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, WORKMANSHIP
REMARK--------: APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1069.03, SPEC PROV OR CONTRACT PLANS
### MATERIAL: 33403 POLE, WOOD CLASS 3

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>23</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** VIS

**EVIDENCE OF INSPECTION:** MARK

**SAMPLE SIZE:** FIELD INSPECTION

**CONTAINER1:** CONTAINER2:

**MEASUREMENT:** DIMENSIONS

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING

**SPECIFICATIONS:** ART 1069.04, ANSI 5.1 & AWPA C4, SPEC PROV OR CONTRACT PLANS

### MATERIAL: 33404 POLE, WOOD CLASS 4

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>23</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** VIS

**EVIDENCE OF INSPECTION:** MARK

**SAMPLE SIZE:** FIELD INSPECTION

**CONTAINER1:** CONTAINER2:

**MEASUREMENT:** DIMENSIONS

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING

**SPECIFICATIONS:** ART 1069.04, ANSI 5.1 & AWPA T1, SPEC PROV OR CONTRACT PLANS

### MATERIAL: 33405 POLE, WOOD CLASS 5

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>23</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** VIS

**EVIDENCE OF INSPECTION:** MARK

**SAMPLE SIZE:** FIELD INSPECTION

**CONTAINER1:** CONTAINER2:

**MEASUREMENT:** DIMENSIONS

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING

**SPECIFICATIONS:** ART 1069.04, ANSI 5.1 & AWPA T1, SPEC PROV OR CONTRACT PLANS

### MATERIAL: 33501 TRAFFIC SIGNAL COMPONENTS

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** VIS AND CERT

**SAMPLE SIZE:** FIELD INSPECTION

**CONTAINER1:** CONTAINER2:

**MEASUREMENT:** DIMENSIONS, WORKMANSHIP

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING

**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS

SEC 1074

### MATERIAL: 33502 BASE, TRAFFIC CONTROL SIGNAL POST

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** VIS AND CERT

**SAMPLE SIZE:** FIELD INSPECTION

**CONTAINER1:** CONTAINER2:

**MEASUREMENT:** DIMENSIONS, WORKMANSHIP

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING

**SPECIFICATIONS:** ART 1077.01
<table>
<thead>
<tr>
<th>MATERIAL: 33503</th>
<th>BREAKAWAY SUPPORTS, LIGHT POLES</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>VIS AND CERT</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1070.04, SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 33504</th>
<th>FOUNDATION, POLE, STEEL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1070.01, SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 33601</th>
<th>LIGHTING COMPONENTS</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>VIS AND CERT</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 12/30/2015</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>APPR BY CONFORMANCE TO CONTRACT PLANS OR APPR DRAWING</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SEC 1067, 1078</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 33701</th>
<th>POLE, LIGHT,PRECAST PRESTRESSED CONCRETE</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>ILOK</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>PC</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 10/10/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, CONCRETE: AIR/SLUMP/TEMP/COMP STRENGTH, AGGREGATE GRAD</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>QC/QA PER MANUAL FOR FABRICATION OF PPC PRODUCTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 504.06,SPEC PROV OR CONTRACT PLAN,MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONCRETE PRODUCTS</td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 350 LUMBER & TIMBER PRODUCT

--> MATERIAL: 35101  LUMBER OR TIMBER, UNTREATED  FBM (CU M )
   METHOD OF ACCEPTANCE---: CERT VIS
   EVIDENCE OF INSPECTION--: CERT MARK LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 05/15/2019
   CONTAINER1:  CONTAINER2: 
   MEASUREMENT----: DIMENSIONS
   REMARK--------: IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.
   SPECIFICATIONS: ART 1007.03

--> MATERIAL: 35108  LUMBER OR TIMBER, TREATED  FBM (CU M )
   METHOD OF ACCEPTANCE---: CERT VIS
   EVIDENCE OF INSPECTION--: CERT MARK LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 05/15/2019
   CONTAINER1:  CONTAINER2: 
   MEASUREMENT----: DIMENSIONS
   REMARK--------: IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.
   SPECIFICATIONS: ART 1007.03

--> MATERIAL: 35302  TIES, SWITCH, TREATED  FBM (CU M )
   METHOD OF ACCEPTANCE---: CERT VIS
   EVIDENCE OF INSPECTION--: CERT MARK LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 05/15/2019
   CONTAINER1:  CONTAINER2: 
   MEASUREMENT----: DIMENSIONS, AMOUNT OF PRESERVATIVE RETAINED
   REMARK--------: IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.
   SPECIFICATIONS: SPEC PROV

--> MATERIAL: 35401  PLYWOOD  SQFT (SQ M )
   METHOD OF ACCEPTANCE---: CERT VIS
   EVIDENCE OF INSPECTION--: CERT MARK LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 05/15/2019
   CONTAINER1:  CONTAINER2: 
   MEASUREMENT----: DIMENSIONS, DEFECTS, MARKINGS, OVERLAY FOR SIGNS
   REMARK--------: IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.
   SPECIFICATIONS: ART 1090.04
   SPEC PROV OR CONTRACT PLANS PS 1-66

--> MATERIAL: 35511  WALL, TIMBER RETAINING  SQFT (SQ M )
   METHOD OF ACCEPTANCE---: CERT VIS
   EVIDENCE OF INSPECTION--: CERT MARK LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 02/27/2017
   CONTAINER1:  CONTAINER2: 
   MEASUREMENT----: DIMENSIONS, AMOUNT OF PRESERVATIVE RETAINED
   REMARK--------: IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.
   SPECIFICATIONS: ART 1007.03, SPEC PROV & CONTRACT PLANS CBM POLICY MEMO (LUMBER & TIMBER INSPECTION)
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 365 PILING

---> MATERIAL: 36601  PILING, PRECAST CONCRETE  LINFT(METER)
  DESCI: 13  DESC2: 19  DESC3: SMALLQTY:
  METHOD OF ACCEPTANCE---: QUAL AND VIS
  EVIDENCE OF INSPECTION:-: LIST AND ILOK
  SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
  MEASUREMENT---:  DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT,
  SLUMP, AIR, (SCC:SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
  REMARK--------:  SPECIFICATIONS: ART 512.03, 1042.04
  CBM POLICY MEMO 19
  MATERIAL GROUP: 365 PILING
  MATERIAL OWNER: PC
  UPDATED: 10/18/2017

---> MATERIAL: 36602  PILING, PRESTRESSED PRECAST CONCRETE  LINFT(METER)
  DESCI: 13  DESC2: 19  DESC3: SMALLQTY:
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION:-: ILOK
  SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
  MEASUREMENT---:  DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION,
  SLUMP, AIR, STRENGTH; SCC:SLUMP FLOW, VSI, J-RING/L-BOX, HVSI
  REMARK--------:  QC/QA PER MANUAL FOR FABRICATION OF PPC PRODUCTS
  FINAL REPORT RETAINED AT CBM-DATA NOT ENTERED IN MISTIC
  SPECIFICATIONS: ART 504.06, 512.03, MANUAL FOR FABRICATION
  OF PRECAST PRESTRESSED CONCRETE PRODUCTS
  MATERIAL GROUP: 365 PILING
  MATERIAL OWNER: PC
  UPDATED: 02/27/2017

---> MATERIAL: 36705  PILING, STEEL H, PAINTED  LINFT(METER)
  DESCI: 15  DESC2: 24  DESC3: 19  SMALLQTY:
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION:-: CERT LA15 ILOK
  SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
  MEASUREMENT---:  DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION
  REMARK--------:  M270 AND A709 ARE EQUIVALENT
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.05
  MATERIAL GROUP: 365 PILING
  MATERIAL OWNER: MT
  UPDATED: 12/17/2019

---> MATERIAL: 36706  PILING, STEEL H  LINFT(METER)
  DESCI: 15  DESC2: 24  DESC3: 19  SMALLQTY:
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION:-: CERT LA15 ILOK
  SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
  MEASUREMENT---:  DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION
  REMARK--------:  RECORD HT. #, PROD # & GRADE, M270 AND A709 ARE EQUIVALENT
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.05
  MATERIAL GROUP: 365 PILING
  MATERIAL OWNER: MT
  UPDATED: 12/17/2019

---> MATERIAL: 36754  PILING, STEEL SOLDIER (BEAM), ASTM A572-50, PAINTED  LINFT(METER)
  DESCI: 22  DESC2:  DESC3: SMALLQTY:
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION:-: CERT LA15 ILOK
  SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
  MEASUREMENT---:  DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION
  REMARK--------:  RECORD HT. # AND PROD #
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.05
  MATERIAL GROUP: 365 PILING
  MATERIAL OWNER: MT
  UPDATED: 02/19/2009
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 365 PILING

-- MATERIAL: 36755 PILING, STEEL SOLDIER (BEAM), GRADE 36 LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15 ILOK MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 24"
UPDATED: 04/02/2012
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION
REMARK-------: RECORD HT.# & PROD #
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.05, SPEC PROV & CONTRACT PLANS

-- MATERIAL: 36756 PILING, STEEL SOLDIER (BEAM), GRADE 50 LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15 ILOK MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 24"
UPDATED: 04/02/2012
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION
REMARK-------: RECORD HT.# & PROD #
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.05, SPEC PROV & CONTRACT PLANS

-- MATERIAL: 36801 PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15 ILOK MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 24"
UPDATED: 02/19/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION,
MARKINGS
REMARK-------: RECORD HT.# & PROD #
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.05

-- MATERIAL: 36802 PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15 ILOK MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 24"
UPDATED: 02/19/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION,
MARKINGS
REMARK-------: RECORD HT.# & PROD #
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.05

-- MATERIAL: 36901 PILING, STEEL SHEET, ASTM A328 SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15 ILOK MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 24"
UPDATED: 02/19/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION,
MARKINGS
REMARK-------: RECORD PROD #
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.05
<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Material Group</th>
<th>Small Qty</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>36906</td>
<td>Piling, Steel Sheet, ASTM A572, Grade 50</td>
<td>SQFT (SQ M)</td>
<td>.</td>
<td>CERT</td>
<td>LA15 ILOK</td>
<td>1 @ 24&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37002</td>
<td>Piling, Timber, Treated</td>
<td>LINFT (METER)</td>
<td>.</td>
<td>CERT VIS</td>
<td>MARK LA15</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37101</td>
<td>Splices, Pile, Steel</td>
<td>EA (EA)</td>
<td>.</td>
<td>CERT</td>
<td>IA15 ILOK</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37102</td>
<td>Splices, Pile, Steel H</td>
<td>EA (EA)</td>
<td>.</td>
<td>CERT</td>
<td>IA15 ILOK</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37151</td>
<td>Weld, Piling Slices</td>
<td>N/A (N/A)</td>
<td>.</td>
<td>TEST</td>
<td></td>
<td>4 IN X 8 IN X 1/2 IN STEEL PLATE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Specifications:**
- Domestic Steel Act Applies
- Spec Prov or Contract Plans, ASTM A572

---
MATERIAL GROUP: 365 PILING

---> MATERIAL: 37152 MICROPILE, SYSTEM, GREATER THAN 2"
DESC1: 14 DESC2: 30 DESC3: SMALLQTY: .
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15
MATERIAL OWNER: MT
SAMPLE SIZE---: UPDATED: 10/10/2017
CONTAINER1: 09 CONTAINER2: 11
MEASUREMENT---:
REMARK--------: SYSTEM INCLUDES: NUTS, WASHERS, THREADED ROD
DOMESTIC STEEL ACT APPLIES, <2" WILL STILL USE COMPONENT
SPECIFICATIONS: GBSP FOR MICROPILES
CONTACT MARK SHAFFER FOR COPY OF THE SPEC

---
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 375 CEMENTITIOUS MATERIALS

--- MATERIAL: 37601 PORTLAND CEMENT, TYPE I CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST EVIDENCE OF INSPECTION---: LIST TEST AND BOL MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS. UPDATED: 02/26/2020
CONTAINER1: 05 CONTAINER2: 11
MEASUREMENT---: AUTOCLAVE EXPANSION, AIR, STRENGTH, FINENESS, TIME OF SETTING, CHEMICAL ANALYSIS
REMARK------- : SPECIFICATIONS: SEC 1001, CBM POLICY MEMO 17

--- MATERIAL: 37603 PORTLAND CEMENT, TYPE II CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST EVIDENCE OF INSPECTION---: LIST TEST AND BOL MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS. UPDATED: 02/26/2020
CONTAINER1: 05 CONTAINER2: 11
MEASUREMENT---: AUTOCLAVE EXPANSION, AIR, STRENGTH, FINENESS, TIME OF SETTING, CHEMICAL ANALYSIS
REMARK------- : SPECIFICATIONS: SEC 1001, CBM POLICY MEMO 17

--- MATERIAL: 37605 PORTLAND CEMENT, TYPE III CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST EVIDENCE OF INSPECTION---: LIST TEST AND BOL MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS. UPDATED: 02/26/2020
CONTAINER1: 05 CONTAINER2: 11
MEASUREMENT---: AUTOCLAVE EXPANSION, AIR, STRENGTH, FINENESS, TIME OF SETTING, CHEMICAL ANALYSIS
REMARK------- : SPECIFICATIONS: SEC 1001, CBM POLICY MEMO 17

--- MATERIAL: 37609 PORTLAND CEMENT, TYPE II (MH) CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST EVIDENCE OF INSPECTION---: LIST TEST AND BOL MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS. UPDATED: 02/26/2020
CONTAINER1: 05 CONTAINER2: 11
MEASUREMENT---: AUTOCLAVE EXPANSION, AIR, STRENGTH, FINENESS, TIME OF SETTING, CHEMICAL ANALYSIS
REMARK------- : SPECIFICATIONS: SEC 1001, CBM POLICY MEMO 17

--- MATERIAL: 37701 PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE IS CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST EVIDENCE OF INSPECTION---: LIST TEST AND BOL MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS. UPDATED: 02/27/2017
CONTAINER1: 05 CONTAINER2: 11
MEASUREMENT---: AUTOCLAVE EXPANSION, AIR, STRENGTH, FINENESS, TIME OF SETTING, CHEMICAL ANALYSIS
REMARK------- : SPECIFICATIONS: SEC 1001, CBM POLICY MEMO 17
--- MATERIAL: 37703  PORTLAND CEMENT, POZZOLAN, TYPE IP  CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST AND BOL
MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS.  UPDATED: 02/27/2017
CONTAINER1: 05  CONTAINER2:  11
MEASUREMENT---: AUToclave EXPANSION, AIR, STRENGTH, FINENESS, TIME OF
SETTING, CHEMICAL ANALYSIS
REMARK-------- : 
SPECIFICATIONS: SEC 1001, CBM POLICY MEMO 17

--- MATERIAL: 37708  PORTLAND CEMENT, LIMESTONE, TYPE IL  CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST AND BOL
MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LB  UPDATED: 02/26/2020
CONTAINER1: 05  CONTAINER2:  11
MEASUREMENT---: AUToclave EXPANSION, AIR, STRENGTH, FINENESS, TIME OF
SETTING, CHEMICAL ANALYSIS
REMARK-------- : 
SPECIFICATIONS: SUPP SPEC SEC 1001, CBM POLICY MEMO 17

--- MATERIAL: 37801  FLYASH CLASS C  CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST
MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS.  UPDATED: 02/27/2017
CONTAINER1: 05  CONTAINER2:  11
MEASUREMENT---: SPECIFIC GRAVITY, FINENESS, SOUNDNESS, STRENGTH ACTIVITY
INDEX, CHEMICAL ANALYSIS
REMARK-------- : 
SPECIFICATIONS: SEC 1010, CBM POLICY MEMO 18

--- MATERIAL: 37802  FLYASH CLASS F  CWT (M TON )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST
MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS.  UPDATED: 02/27/2017
CONTAINER1: 05  CONTAINER2:  11
MEASUREMENT---: SPECIFIC GRAVITY, FINENESS, SOUNDNESS, STRENGTH ACTIVITY
INDEX, CHEMICAL ANALYSIS
REMARK-------- : 
SPECIFICATIONS: SEC 1010, CBM POLICY MEMO

--- MATERIAL: 37803  HIGH REACTIVITY METAKAOLIN (HRM)  LB (KG )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST
MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS  UPDATED: 02/27/2017
CONTAINER1: 05  CONTAINER2:  11
MEASUREMENT---: STRENGTH, FINENESS, CHEMICAL ANALYSIS
REMARK-------- : 
SPECIFICATIONS: SEC 1010, CBM POLICY MEMO 18
-- MATERIAL: 37805  FLYASH, BLENDED, CLASS F
  DESC1:  DESC2:  DESC3: SMALLQTY: 
  METHOD OF ACCEPTANCE:: QUAL  TEST
  EVIDENCE OF INSPECTION: LIST  TEST
  MATERIAL OWNER: CM
  SAMPLE SIZE:: 6 LBS.
  UPDATED: 10/26/2020
  CONTAINER1: 05  CONTAINER2: 11
  MEASUREMENT:: SPECIFIC GRAVITY, FINENESS, SOUNDESS, STRENGTH ACTIVITY INDEX, CHEMICAL ANALYSIS
  REMARK:: :
  SPECIFICATIONS: BDE SPEC PROV FOR BLENDED FINELY DIVIDED MINERALS, CBM POLICY MEMO 18

-- MATERIAL: 37810  EXPANSIVE COMPONENT, TYPE K
  DESC1:  DESC2:  DESC3: SMALLQTY: 
  METHOD OF ACCEPTANCE:: QUAL
  EVIDENCE OF INSPECTION: LIST
  MATERIAL OWNER: CM
  SAMPLE SIZE:: 6 LBS
  UPDATED: 02/27/2017
  CONTAINER1: 05  CONTAINER2: 11
  MEASUREMENT:: STRENGTH, RESTRANDED EXPANSION, CHEMICAL ANALYSIS, TIME OF SETTING, AIR
  REMARK:: :
  SPECIFICATIONS: SPEC PROV, ASTM C845, CBM POLICY MEMO 18

-- MATERIAL: 37821  SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 100
  DESC1:  DESC2:  DESC3: SMALLQTY: 
  METHOD OF ACCEPTANCE:: QUAL  TEST
  EVIDENCE OF INSPECTION: LIST  TEST
  MATERIAL OWNER: CM
  SAMPLE SIZE:: 6 LBS
  UPDATED: 02/27/2017
  CONTAINER1: 05  CONTAINER2: 11
  MEASUREMENT:: ACTIVITY INDEX, DENSITY, FINENESS, AIR CONTENT, CHEMICAL ANALYSIS
  REMARK:: :
  SPECIFICATIONS: SEC 1010, CBM POLICY MEMO 18

-- MATERIAL: 37822  SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 120
  DESC1:  DESC2:  DESC3: SMALLQTY: 
  METHOD OF ACCEPTANCE:: QUAL  TEST
  EVIDENCE OF INSPECTION: LIST  TEST
  MATERIAL OWNER: CM
  SAMPLE SIZE:: 6 LBS
  UPDATED: 02/27/2017
  CONTAINER1: 05  CONTAINER2: 11
  MEASUREMENT:: ACTIVITY INDEX, DENSITY, FINENESS, AIR CONTENT, CHEMICAL ANALYSIS
  REMARK:: :
  SPECIFICATIONS: SEC 1010, CBM POLICY MEMO 18

-- MATERIAL: 37852  MICROSilica
  DESC1:  DESC2:  DESC3: SMALLQTY: 
  METHOD OF ACCEPTANCE:: QUAL  TEST
  EVIDENCE OF INSPECTION: LIST  TEST
  MATERIAL OWNER: CM
  SAMPLE SIZE:: 6 LBS
  UPDATED: 02/27/2017
  CONTAINER1: 05  CONTAINER2: 11
  MEASUREMENT:: DENSITY, ACCELERATED POZZOLANIZ INDEX, CHEM ANALYSIS
  REMARK:: :
  SPECIFICATIONS: SEC 1010, CBM POLICY MEMO 18
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 375 CEMENTITIOUS MATERIALS

--> MATERIAL: 37901 CEMENT, RAPID HARDENING CWT (KG)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: CM
SAMPLE SIZE---: 3-5 AS SOLD PACKAGES
CONTAINER1: 12 CONTAINER2: 04
MEASUREMENT---: COMPRESSIVE STRENGTH, FREEZE-THAW, SET TIME, EXPANSION, DRYING SHRINKAGE
REMARK-------- : SPECIFICATIONS: SEC 1001

--> MATERIAL: 37902 CEMENT, CALCIUM ALUMINATE CWT (KG)
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: TEST
MATERIAL OWNER: CM
SAMPLE SIZE---: 6 LBS
CONTAINER1: 05 CONTAINER2: 11
MEASUREMENT---: AUTOCLAVE EXPANSION, AIR, STRENGTH, FINENESS, CHEMICAL ANALYSIS
REMARK-------- : SPECIFICATIONS: SEC 1001
<table>
<thead>
<tr>
<th>MATERIAL: 38102</th>
<th>EMULSIFIED ASPHALT (ANIONIC) AWP EMULSION</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL TEST</td>
<td>SMALLQTY: 55</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>REMARK</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>MEASUREMENT: CONTAINER1: SAMPLE SPECIFICAT</td>
<td>REMARK:</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>REMARK:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>METHOD OF ACCEPTANCE: QUAL TEST</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>UPDATED: 01/22/2020</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>380 WATERPROOFING</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 38203</th>
<th>COAL-TAR PITCH, EMULSION-SYSTEM I (CTPE)</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>SMALLQTY: 56</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>REMARK</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>MEASUREMENT: CONTAINER1: SAMPLE SPECIFICAT</td>
<td>REMARK:</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>REMARK:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>UPDATED: 04/17/2019</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>380 WATERPROOFING</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 38505</th>
<th>FABRIC, RESIN, GLASS</th>
<th>SQFT (SQ M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>REMARK</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>MEASUREMENT: CONTAINER1: SAMPLE SPECIFICAT</td>
<td>REMARK:</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>REMARK:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>UPDATED: 02/27/2017</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>380 WATERPROOFING</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 38508</th>
<th>BITUMINOUS ADHESIVE, FIBERGLASS FABRIC REPAIR SYSTEM</th>
<th>LB (KG )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>REMARK</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>MEASUREMENT: CONTAINER1: SAMPLE SPECIFICAT</td>
<td>REMARK:</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>REMARK:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>UPDATED: 02/27/2017</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>380 WATERPROOFING</td>
<td>UPDATED: 02/27/2017</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 38602</th>
<th>PENETRATING PRIMER - SYSTEM I</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>SMALLQTY: 56</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>REMARK</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>MEASUREMENT: CONTAINER1: SAMPLE SPECIFICAT</td>
<td>REMARK:</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>REMARK:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>UPDATED: 04/17/2019</td>
<td>SPECIFICATIONS:</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>380 WATERPROOFING</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 04/17/2019</td>
<td>CONTAINER:</td>
</tr>
<tr>
<td>----------</td>
<td>UPDATED: 01/22/2020</td>
<td>CONTAINER:</td>
</tr>
</tbody>
</table>

---
-- MATERIAL: 38704  MEMBRANE-BUTYL RUBBER  SQYD (SQ M )  |
METHOD OF ACCEPTANCE---: TEST  |
EVIDENCE OF INSPECTION--: ILOK LA15 TEST  |
MATERIAL OWNER: MT  |
SAMPLE SIZE---:  36" X 36" PER LOT  UPDATED: 04/10/2008  |
CONTAINER1:   CONTAINER2:  |
MEASUREMENT---: THICKNESS, TENSILE STRENGTH, ELONGATION, HARDNESS  |
REMARK--------: ACCEPTANCE SAMPLE TESTED BY CBM  |
SPECIFICATIONS: ART 1060.09  |

-- MATERIAL: 38706  MEMBRANE-BITUTHENE RUBBERIZED ASPHALT  SQYD (SQ M )  |
METHOD OF ACCEPTANCE---: TEST  |
EVIDENCE OF INSPECTION--: ILOK LA15 TEST  |
MATERIAL OWNER: MT  |
SAMPLE SIZE---:  36" X WIDTH OF ROLL PER LOT  UPDATED: 02/27/2017  |
CONTAINER1:   CONTAINER2:  |
MEASUREMENT---: THICKNESS, TENSILE STRENGTH  |
REMARK--------: ACCEPTANCE SAMPLE TESTED BY CBM  |
USED FOR REFLECTIVE CRACK CONTROL SYSTEM B  |
SPECIFICATIONS: ART 1062.02  |

-- MATERIAL: 38711  MEMBRANE-GEOTEXTILE VISCOELASTIC COMPOSITE, SYSTEM D  SQYD (SQ M )  |
METHOD OF ACCEPTANCE---: CERT  |
EVIDENCE OF INSPECTION--: CERT LA15  |
MATERIAL OWNER: NP  |
SAMPLE SIZE---:  |
UPDATED: 03/08/2012  |
CONTAINER1:   CONTAINER2:  |
MEASUREMENT---:  |
REMARK--------: ISAC  |
SPECIFICATIONS: ART 1062.04  |

-- MATERIAL: 38712  MEMBRANE, WATERPROOFING SYSTEM  SQYD ( )  |
METHOD OF ACCEPTANCE---: QUAL  |
EVIDENCE OF INSPECTION--: LIST  |
MATERIAL OWNER: MT  |
SAMPLE SIZE---:  AS SPECIFIED ON QPL  UPDATED: 09/27/2018  |
CONTAINER1:   CONTAINER2:  |
MEASUREMENT---: TENSILE STRENGTH, ELONGATION, HARDNESS, WATER ABSORPTION, FLEXIBILITY  |
REMARK--------:  |
SPECIFICATIONS: GBSP 81, ART 540.06, SEC 1061  |

-- MATERIAL: 38801  ASPHALT, GRADE AWP, TYPE I  TONS (M TON )  |
METHOD OF ACCEPTANCE---: TEST  |
EVIDENCE OF INSPECTION--: LA15 TEST  |
MATERIAL OWNER: BC  |
SAMPLE SIZE---:  1 QUART PER BATCH  UPDATED: 02/27/2017  |
CONTAINER1:   CONTAINER2:  |
MEASUREMENT---: FLASH & SOFTENING PTS., DUCT., SOL., SPG, PEN @ 32 F., @ 77 F. & @ 115 F  |
REMARK--------:  |
SPECIFICATIONS: ART 1060.07, ASTM D449
### MATERIAL: 38802 ASPHALT, GRADE AWP, TYPE II

- **TONS (M TON):**
- **METHOD OF ACCEPTANCE:** TEST
- **EVIDENCE OF INSPECTION:** LA15 TEST
- **SAMPLE SIZE:** 1 QUART PER BATCH
- **CONTAINER1:** 05
- **CONTAINER2:**
- **MEASUREMENT:** FLASH & SOFTENING PTS., DUCT., SOL., SPG, PEN @ 32 F., @ 77 F. & @ 115 F
- **REMARK:**
- **SPECIFICATIONS:** ART 1060.07, ASTM D449

MATERIAL OWNER: BC
UPDATED: 02/27/2017

---

### MATERIAL: 38906 CEMENT, SPLICING, MEM-BUT-RUBBER

- **GAL (LITER):**
- **METHOD OF ACCEPTANCE:** CERT
- **EVIDENCE OF INSPECTION:** CERT LA15
- **SAMPLE SIZE:**
- **CONTAINER1:**
- **CONTAINER2:**
- **MEASUREMENT:**
- **REMARK:**
- **SPECIFICATIONS:** ART 1060.09

MATERIAL OWNER: MT
UPDATED: 04/10/2008
### MATERIAL: 40431  
**PAINT, PAVEMENT MARKING, EPOXY, WHITE**  
**GAL (LITER)**

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: LA15 CBM  
**MATERIAL OWNER**: AC  
**SAMPLE SIZE**: 2 PINT PART A, 1 PINT PART B  
**UPDATED**: 02/22/2019  
**CONTAINER1**: 04  
**CONTAINER2**: 13  
**MEASUREMENT**: TOTAL SOLIDS, DRY TIME, PIGMENT CONTENT, COLOR  
**REMARK**: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
**SPECIFICATIONS**: ART 1095.04

### MATERIAL: 40444  
**PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, WHITE**  
**GAL (LITER)**

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: LA15 CBM  
**MATERIAL OWNER**: AC  
**SAMPLE SIZE**: 1 PINT PER LOT  
**UPDATED**: 02/22/2019  
**CONTAINER1**: 13  
**CONTAINER2**:  
**MEASUREMENT**: DENSITY, VISCOSITY, DRY TIME, GRIND, COLOR, PIGMENT CONTENT, TOTAL SOLIDS, NON VOL VEHICLE, VEHICLE SOLIDS  
**REMARK**: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
**SPECIFICATIONS**: ART 1095.02

### MATERIAL: 40445  
**PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, YELLOW**  
**GAL (LITER)**

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: LA15 CBM  
**MATERIAL OWNER**: AC  
**SAMPLE SIZE**: 1 PINT PER LOT  
**UPDATED**: 02/22/2019  
**CONTAINER1**: 13  
**CONTAINER2**:  
**MEASUREMENT**: DENSITY, VISCOSITY, DRY TIME, GRIND, COLOR, PIGMENT CONTENT, TOTAL SOLIDS, NON VOL VEHICLE, VEHICLE SOLIDS  
**REMARK**: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
**SPECIFICATIONS**: ART 1095.02

### MATERIAL: 40450  
**PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, BLACK**  
**GAL (LITER)**

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: LA15 CBM  
**MATERIAL OWNER**: AC  
**SAMPLE SIZE**: 1 PINT PER LOT  
**UPDATED**: 02/22/2019  
**CONTAINER1**: 13  
**CONTAINER2**:  
**MEASUREMENT**: DENSITY, VISCOSITY, DRY TIME, GRIND, COLOR, PIGMENT CONTENT, TOTAL SOLIDS, NON VOL VEHICLE, VEHICLE SOLIDS  
**REMARK**: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
**SPECIFICATIONS**: M135

### MATERIAL: 40451  
**PAINT, PAVEMENT MARKING, EPOXY, BLACK**  
**GAL (LITER)**

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: LA15 CBM  
**MATERIAL OWNER**: AC  
**SAMPLE SIZE**: 1 PINT PART A, 1 PINT PART B  
**UPDATED**: 02/04/2020  
**CONTAINER1**: 04  
**CONTAINER2**: 13  
**MEASUREMENT**: TOTAL SOLIDS, DRY TIME, PIGMENT CONTENT, COLOR  
**REMARK**: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
**SPECIFICATIONS**: ART 1095.04
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 400 PAINTS & PAINT MATERIALS

--> MATERIAL: 40452 PAINT, PAVEMENT MARKING, EPOXY, POLYUREA WHITE  GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION: LA15  CBM  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 PINT PART A  UPDATED: 02/22/2019
CONTAINER1:  04  CONTAINER2:  13
MEASUREMENT---:  PIGMENT CONTENT
REMARK--------:  CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS:  ART 1095.08

--> MATERIAL: 40453 PAINT, PAVEMENT MARKING, EPOXY, POLYUREA YELLOW  GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION: LA15  CBM  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 PINT PART A  UPDATED: 02/22/2019
CONTAINER1:  04  CONTAINER2:  13
MEASUREMENT---:  PIGMENT CONTENT
REMARK--------:  CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS:  ART 1095.08

--> MATERIAL: 40454 PAINT, PAVEMENT MARKING, BLACK A-A-2886  GAL ( )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION: LA15  CBM  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 PINT PER LOT  UPDATED: 02/23/2021
CONTAINER1:  13  CONTAINER2:  
MEASUREMENT---:  DENSITY, VISC, DRY NO PICK UP, COLOR, TOTAL SOLIDS
REMARK--------:  CONTACT DIST.BUR.MATLS TO VERIFY APPROVE LOTS.
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS:  FEDERAL SPEC A-A-2886

--> MATERIAL: 40457 PAINT, PAVEMENT MARKING, EPOXY, YELLOW, PB FREE  GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION: LA15  CBM  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 PINT PART A, 1 PINT PART B  UPDATED: 02/22/2019
CONTAINER1:  04  CONTAINER2:  13
MEASUREMENT---:  COLOR, DRY TIME, TOTAL SOLIDS, PIGMENT, QUV
REMARK--------:  CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS:  ART 1095.04

--> MATERIAL: 40458 PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, WHITE  GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION: LA15  CBM  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 PINT PART A, 1 PINT PART B  UPDATED: 02/22/2019
CONTAINER1:  04  CONTAINER2:  13
MEASUREMENT---:  COLOR, TOTAL SOLIDS, DRY NO PICK UP, PIGMENT
REMARK--------:  CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS:  ART 1095.09
**MANUAL FOR MATERIALS INSPECTION - PART 2**

**MATERIAL GROUP: 400 PAINTS & PAINT MATERIALS**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>SAMPLE SIZE</th>
<th>CONTAINER</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>40459</td>
<td>PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, YELLOW</td>
<td>GAL</td>
<td>TEST</td>
<td>LA15 CBM</td>
<td>1 PINT PART A, 1 PINT PART B</td>
<td>04, 13</td>
<td>COLOR, TOTAL SOLIDS, DRY NO PICK UP, PIGMENT</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td>ART 1095.09</td>
</tr>
<tr>
<td>40460</td>
<td>PAINT, PAVEMENT MARKING, WHITE</td>
<td>GAL</td>
<td>TEST</td>
<td>LA15 CBM</td>
<td>1 PINT PER LOT</td>
<td>13</td>
<td>DENSITY, COLOR, TOTAL SOLIDS, DRY NO PICK UP, VISC</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td>FED SPEC A-A-2886</td>
</tr>
<tr>
<td>40461</td>
<td>PAINT, PAVEMENT MARKING, YELLOW</td>
<td>GAL</td>
<td>TEST</td>
<td>LA15 CBM</td>
<td>1 PINT PER LOT</td>
<td>13</td>
<td>DENSITY, COLOR, TOTAL SOLIDS, DRY NO PICK UP, VISC</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td>FED SPEC A-A-2886</td>
</tr>
<tr>
<td>40462</td>
<td>PAINT, PAVEMENT MARKING, RED</td>
<td>GAL</td>
<td>TEST</td>
<td>LA15 CBM</td>
<td>1 PINT PER LOT</td>
<td>13</td>
<td>DENSITY, COLOR, TOTAL SOLIDS, DRY NO PICK UP, VISC</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td>FED SPEC A-A-2886</td>
</tr>
<tr>
<td>40701</td>
<td>SOLVENT, PETROLEUM SPIRITS (ASTM D235)</td>
<td>GAL</td>
<td>TEST</td>
<td></td>
<td>1 PINT PER LOT</td>
<td></td>
<td>APPEARANCE, COLOR, FLASH, NON VOL MATTER POINT, SPG</td>
<td>LAB USE ONLY</td>
<td>ART 1023.01</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 400 PAINTS & PAINT MATERIALS

---> MATERIAL: 41003  OIL, BOILED LINSEED (ASTM D260 TYPE I)  GAL (LITER )  SMALLQTY: 55
DESCI1:  DESC2:  DESC3:  METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT PER LOT  UPDATED: 02/04/2020
CONTAINER1:  CONTAINER2: MEASUREMENT---: SPG, ACID VALUE, LOSS ON HEATING
APPEARANCE, DRYING TIME, ASH
REMARK-------: LAB USE ONLY
SPECIFICATIONS: ART 1023.01

---> MATERIAL: 41105  WHITENASHING, CONCRETE PAVEMENT  GAL (LITER )  SMALLQTY: .
DESCI1:  DESC2:  DESC3:  METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART PER BATCH  UPDATED: 11/07/2017
CONTAINER1: 04  CONTAINER2: 13 MEASUREMENT---: PER CONTRACT SPEC PROV
REMARK-------:  SPECIFICATIONS: CONTRACT SPEC PROV

---> MATERIAL: 41407  PRIMER, ALUMINUM EPOXY MASTIC  GAL (LITER )  SMALLQTY: 20
DESCI1:  DESC2:  DESC3:  METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: TEST CBM  MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT EACH COMPONENT  UPDATED: 04/17/2019
CONTAINER1: 13  CONTAINER2: MEASUREMENT---: DENSITY, VISCOSITY, DRYING TIME, TOT SOLIDS, POT LIFE
REMARK-------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: ART 1008.03

---> MATERIAL: 41409  PRIMER, INORGANIC ZINC HIGH SOLIDS (AASHTO M300-92I)  GAL (LITER )  SMALLQTY: 20
DESCI1:  DESC2:  DESC3:  METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: TEST CBM  MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT EACH COMPONENT  UPDATED: 04/17/2019
CONTAINER1: 13  CONTAINER2: MEASUREMENT---: DENSITY, TOTAL SOLIDS, DRYING TIME, POT LIFE
REMARK-------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: ART 1008.02

---> MATERIAL: 41410  PRIMER, ORGANIC ZINC-RICH EPOXY  GAL ( )  SMALLQTY: 20
DESCI1:  DESC2:  DESC3:  METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: TEST CBM  MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT EACH COMPONENT  UPDATED: 04/17/2019
CONTAINER1: 13  CONTAINER2: MEASUREMENT---: DENSITY, TOTAL SOLIDS, DRYING TIME, POT LIFE, VIS
REMARK-------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: ART 1008.05
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 400 PAINTS & PAINT MATERIALS

--- MATERIAL: 41411 PRIMER, MOISTURE CURED URETHANE ZINC-RICH

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TEST</td>
</tr>
<tr>
<td>CONTAINER1: 13</td>
</tr>
<tr>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41560 PRIMER, BRIDGE, WATERBORNE ACRYLIC, MODERATE YELLOW (5Y 8-4)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TEST</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41561 PAINT, BRIDGE, WATERBORNE ACRYLIC, INTST GREEN (7.5G 4-8)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41562 PAINT, BRIDGE, WATERBORNE ACRYLIC, REDISH BROWN (2.5YR 3-4)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41563 PAINT, BRIDGE, WATERBORNE ACRYLIC, BLUE (10B 3-6)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41411 PRIMER, MOISTURE CURED URETHANE ZINC-RICH

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TEST</td>
</tr>
<tr>
<td>CONTAINER1: 13</td>
</tr>
<tr>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41560 PRIMER, BRIDGE, WATERBORNE ACRYLIC, MODERATE YELLOW (5Y 8-4)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TEST</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41561 PAINT, BRIDGE, WATERBORNE ACRYLIC, INTST GREEN (7.5G 4-8)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41562 PAINT, BRIDGE, WATERBORNE ACRYLIC, REDISH BROWN (2.5YR 3-4)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41563 PAINT, BRIDGE, WATERBORNE ACRYLIC, BLUE (10B 3-6)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41411 PRIMER, MOISTURE CURED URETHANE ZINC-RICH

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TEST</td>
</tr>
<tr>
<td>CONTAINER1: 13</td>
</tr>
<tr>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41560 PRIMER, BRIDGE, WATERBORNE ACRYLIC, MODERATE YELLOW (5Y 8-4)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TEST</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41561 PAINT, BRIDGE, WATERBORNE ACRYLIC, INTST GREEN (7.5G 4-8)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41562 PAINT, BRIDGE, WATERBORNE ACRYLIC, REDISH BROWN (2.5YR 3-4)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
</tbody>
</table>

--- MATERIAL: 41563 PAINT, BRIDGE, WATERBORNE ACRYLIC, BLUE (10B 3-6)

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE= TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION= TESTCBM</td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
</tr>
<tr>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
</tr>
<tr>
<td>MATERIAL</td>
</tr>
<tr>
<td>--------------</td>
</tr>
<tr>
<td>41564</td>
</tr>
<tr>
<td>PAINT, BRIDGE, WATERBORNE ACRYLIC, LIGHT GRAY (5B 7-1)</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE</td>
</tr>
<tr>
<td>MEASUREMENT</td>
</tr>
<tr>
<td>REMARK</td>
</tr>
<tr>
<td>SAMPLE SIZE</td>
</tr>
<tr>
<td>CONTAINER 1</td>
</tr>
</tbody>
</table>

| MATERIAL     | 41570 | PRIMER, BRIDGE, EPOXY INTERMEDIATE, WHITE | GAL ( ) | 20 |
| METHOD OF ACCEPTANCE | TEST | CBM | MATERIAL OWNER: AC |
| MEASUREMENT | Density, Viscosity, Dry Time, Total Solids |
| REMARK | CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS |
| SAMPLE SIZE | 1 PINT OF EACH COMPONENT | UPDATED: 04/17/2019 |
| CONTAINER 1 | 05 | CONTAINER 2: |

| MATERIAL     | 41571 | PAINT, BRIDGE, ALIPHATIC URETHANE, INTST GREEN (7.5G 4-8) | GAL ( ) | 20 |
| METHOD OF ACCEPTANCE | TEST | CBM | MATERIAL OWNER: AC |
| MEASUREMENT | Drying Time, Contrast Ratio, Color, Gloss |
| REMARK | CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS |
| SAMPLE SIZE | 1 PINT OF EACH COMPONENT | UPDATED: 04/17/2019 |
| CONTAINER 1 | 13 | CONTAINER 2: |

| MATERIAL     | 41572 | PAINT, BRIDGE, ALIPHATIC URETHANE, REDDISH BROWN (2.5YR 3-4) | GAL ( ) | 20 |
| METHOD OF ACCEPTANCE | TEST | CBM | MATERIAL OWNER: AC |
| MEASUREMENT | Drying Time, Contrast Ratio, Color, Gloss |
| REMARK | CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS |
| SAMPLE SIZE | 1 PINT OF EACH COMPONENT | UPDATED: 04/17/2019 |
| CONTAINER 1 | 13 | CONTAINER 2: |

| MATERIAL     | 41573 | PAINT, BRIDGE, ALIPHATIC URETHANE, BLUE (10B 3-6) | GAL ( ) | 20 |
| METHOD OF ACCEPTANCE | TEST | CBM | MATERIAL OWNER: AC |
| MEASUREMENT | Drying Time, Contrast Ratio, Color, Gloss |
| REMARK | CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS |
| SAMPLE SIZE | 1 PINT OF EACH COMPONENT | UPDATED: 04/17/2019 |
| CONTAINER 1 | 13 | CONTAINER 2: |
## Manual for Materials Inspection - Part 2

### Material Group: 400 Paints & Paint Materials

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Size</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Container</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>41574</td>
<td>Paint, Bridge, Aliphatic Urethane, Light Gray (5B 7-1)</td>
<td>GAL ( )</td>
<td>TEST</td>
<td>TEST</td>
<td>CBM</td>
<td>Material Owner: AC</td>
<td>Contact District Materials Office to Verify Approve Lots</td>
<td>ART 1008.05</td>
</tr>
<tr>
<td>41575</td>
<td>Paint, Bridge, Aliphatic Urethane, Warm Gray (2.5Y 5-1)</td>
<td>GAL (LITER)</td>
<td>TEST</td>
<td>TEST</td>
<td>CBM</td>
<td>Material Owner: AC</td>
<td>Contact District Materials Office to Verify Approve Lots</td>
<td>ART 1008.05</td>
</tr>
<tr>
<td>41576</td>
<td>Paint, Bridge, Aliphatic Urethane, Black (N1)</td>
<td>GAL (LITER)</td>
<td>TEST</td>
<td>TEST</td>
<td>CBM</td>
<td>Material Owner: AC</td>
<td>Contact District Materials Office to Verify Approve Lots</td>
<td>ART 1008.05</td>
</tr>
<tr>
<td>41580</td>
<td>Primer, Bridge, Moisture Cured Urethane Intermediate</td>
<td>GAL ( )</td>
<td>TEST</td>
<td>TEST</td>
<td>CBM</td>
<td>Material Owner: AC</td>
<td>Caution Should Be Taken as Samples Will React with Air and Water to Harden-Contact Dist. Matls to Verify Approval</td>
<td>BDE Spec Prov for Moisture Cure Zinc Rich System</td>
</tr>
<tr>
<td>41581</td>
<td>Paint, Bridge, Moisture Cured Urethane, Intst Green (7.5G 4-8)</td>
<td>GAL ( )</td>
<td>TEST</td>
<td>TEST</td>
<td>CBM</td>
<td>Material Owner: AC</td>
<td>Caution Should Be Taken as Samples Will React with Air and Water to Harden-Contact Dist. Matls to Verify Approval</td>
<td>BDE Spec Prov for Moisture Cure Zinc Rich System</td>
</tr>
<tr>
<td>MATERIAL: 41582</td>
<td>PAINT, BRIDGE, MOISTURE CURED URETHANE, REDDISH BROWN 7.5YR 3-4 GAL</td>
<td>DESC1:</td>
<td></td>
<td>DESC2:</td>
<td></td>
<td>DESC3:</td>
<td>SMALLQTY: 20</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>---------------------------------------------------------------</td>
<td>-------</td>
<td>---</td>
<td>-------</td>
<td>---</td>
<td>-------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION: TEST</td>
<td>CBM</td>
<td>MATERIAL OWNER: AC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART SAMPLE</td>
<td>UPDATED: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>13</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DRYING TIME, CONTRAST RATIO, COLOR, GLOSS</td>
<td>REMARK:</td>
<td>CAUTION SHOULD BE TAKEN AS SAMPLES WILL REACT WITH AIR AND WATER TO HARDEN-CONTACT DIST. MATLS TO VERIFY APPROVAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>BDE SPEC PROV FOR MOISTURE CURE ZINC RICH SYSTEM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 41583</th>
<th>PAINT, BRIDGE, MOISTURE CURED URETHANE, BLUE (10B 3-6) 5-6 GAL</th>
<th>DESC1:</th>
<th></th>
<th>DESC2:</th>
<th></th>
<th>DESC3:</th>
<th>SMALLQTY: 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION: TEST</td>
<td>CBM</td>
<td>MATERIAL OWNER: AC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART SAMPLE</td>
<td>UPDATED: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>13</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DRYING TIME, CONTRAST RATIO, COLOR, GLOSS</td>
<td>REMARK:</td>
<td>CAUTION SHOULD BE TAKEN AS SAMPLES WILL REACT WITH AIR AND WATER TO HARDEN-CONTACT DIST. MATLS TO VERIFY APPROVAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>BDE SPEC PROV FOR MOISTURE CURE ZINC RICH SYSTEM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 41584</th>
<th>PAINT, BRIDGE, MOISTURE CURED URETHANE, LIGHT GRAY (5B 7-1) 5-6 GAL</th>
<th>DESC1:</th>
<th></th>
<th>DESC2:</th>
<th></th>
<th>DESC3:</th>
<th>SMALLQTY: 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION: TEST</td>
<td>CBM</td>
<td>MATERIAL OWNER: AC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART SAMPLE</td>
<td>UPDATED: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>13</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DRYING TIME, CONTRAST RATIO, COLOR, GLOSS</td>
<td>REMARK:</td>
<td>CAUTION SHOULD BE TAKEN AS SAMPLES WILL REACT WITH AIR AND WATER TO HARDEN-CONTACT DIST. MATLS TO VERIFY APPROVAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>BDE SPEC PROV FOR MOISTURE CURE ZINC RICH SYSTEM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>AIR-ENTRAINING ADMIXTURES, MASTERAIR VR 10</td>
<td>GAL (LITER)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>------------------------------------------</td>
<td>-------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART
UPDATED: 11/07/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK: 
SPECIFICATIONS: ART 1021.02

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 200</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART
UPDATED: 11/07/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK: 
SPECIFICATIONS: ART 1021.02

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>AIR-ENTRAINING ADMIXTURES, DAREX II</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART
UPDATED: 11/07/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK: 
SPECIFICATIONS: ART 1021.02

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 90</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART
UPDATED: 11/07/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK: 
SPECIFICATIONS: ART 1021.02

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>AIR-ENTRAINING ADMIXTURES, RSA-10</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART
UPDATED: 11/07/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: SLUMP, AIR, SET TIME, COMP ST, FLEX ST, FT, PH, IR, SPG, NVC, CL CONT FLOW, AIR, COMP ST, DCP
REMARK: THE SECOND LINE OF MEAS & SPEC ARE FOR ADMIX
SPECIFICATIONS: ART 1021.02 SEC 1019
### Material: 42145 Air-Entraining Admixtures, Darafill
- **Description:**
  - 42145: Air-Entraining Admixtures, Darafill
- **Chemical Group:** 420 Chemical
- **Material Group:** 420 Chemical
- **Material Owner:** CN
- **Sample Size:** 1 Quart
- **Updated:** 11/07/2017
- **Remark:**
- **Specifications:** Sec 1019

<table>
<thead>
<tr>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Updated</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qual</td>
<td>List</td>
<td>CN</td>
<td>1 Quart</td>
<td>11/07/2017</td>
<td></td>
<td>Art 1021.02</td>
</tr>
</tbody>
</table>

### Material: 42147 Air-Entraining Admixtures, Daravar 1400
- **Description:**
  - 42147: Air-Entraining Admixtures, Daravar 1400
- **Material Group:** 420 Chemical
- **Material Owner:** CN
- **Sample Size:** 1 Quart
- **Updated:** 11/07/2017
- **Remark:**
- **Specifications:** Art 1021.02

<table>
<thead>
<tr>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Updated</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qual</td>
<td>List</td>
<td>CN</td>
<td>1 Quart</td>
<td>11/07/2017</td>
<td></td>
<td>Art 1021.02</td>
</tr>
</tbody>
</table>

### Material: 42151 Air-Entraining Admixtures, Polychem AE
- **Description:**
  - 42151: Air-Entraining Admixtures, Polychem AE
- **Material Group:** 420 Chemical
- **Material Owner:** CN
- **Sample Size:** 1 Quart
- **Updated:** 11/07/2017
- **Remark:**
- **Specifications:** Art 1021.02

<table>
<thead>
<tr>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Updated</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qual</td>
<td>List</td>
<td>CN</td>
<td>1 Quart</td>
<td>11/07/2017</td>
<td></td>
<td>Art 1021.02</td>
</tr>
</tbody>
</table>

### Material: 42153 Air-Entraining Admixtures, Euccon AEA 92
- **Description:**
  - 42153: Air-Entraining Admixtures, Euccon AEA 92
- **Material Group:** 420 Chemical
- **Material Owner:** CN
- **Sample Size:** 1 Quart
- **Updated:** 11/07/2017
- **Remark:**
- **Specifications:** Art 1021.02

<table>
<thead>
<tr>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Updated</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qual</td>
<td>List</td>
<td>CN</td>
<td>1 Quart</td>
<td>11/07/2017</td>
<td></td>
<td>Art 1021.02</td>
</tr>
</tbody>
</table>

### Material: 42156 Air-Entraining Admixtures, Polychem VRC
- **Description:**
  - 42156: Air-Entraining Admixtures, Polychem VRC
- **Material Group:** 420 Chemical
- **Material Owner:** CN
- **Sample Size:** 1 Quart
- **Updated:** 11/07/2017
- **Remark:**
- **Specifications:** Art 1021.02

<table>
<thead>
<tr>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Updated</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qual</td>
<td>List</td>
<td>CN</td>
<td>1 Quart</td>
<td>11/07/2017</td>
<td></td>
<td>Art 1021.02</td>
</tr>
<tr>
<td>MATERIAL: 42164</td>
<td>AIR-ENTRAINING ADМИXTURES, SIKA AEA 14</td>
<td>GAL (LITER)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>----------------------------------------</td>
<td>-------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 11/07/2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td>SPECIFICATIONS: ART 1021.02</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 42165</th>
<th>AIR-ENTRAINING ADМИXTURES, POLYCHEM SA</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 11/07/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td>SPECIFICATIONS: ART 1021.02</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 42169</th>
<th>AIR-ENTRAINING ADМИXTURES, TERAPAVE AEA</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 11/08/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td>SPECIFICATIONS: ART 1021.02</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 42172</th>
<th>AIR-ENTRAINING ADМИXTURES, CONAIR</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 11/08/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td>SPECIFICATIONS: ART 1021.02</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 42173</th>
<th>AIR-ENTRAINING ADМИXTURES, CONAIR 260</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 07/08/2020</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td>SPECIFICATIONS: ART 1021.02</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL: 42177</td>
<td>AIR-ENTRAINING ADMIXTURES, CHRYSO AIR 260</td>
<td>GAL (LITER)</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>DESC1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1021.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 42180</th>
<th>AIR-ENTRAINING ADMIXTURES, SIKI MULTI AIR 25</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1021.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 42181</th>
<th>AIR-ENTRAINING ADMIXTURES, POLYCHEM SA-50</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1021.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 42182</th>
<th>AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 400</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1021.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 42184</th>
<th>AIR-ENTRAINING ADMIXTURES, SIKI AIR 260</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1021.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL GROUP: 420 CHEMICAL

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>AIR-ENTRAINING ADMIXTURES, SIKA AIR 360</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION--: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 QUART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 11/08/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1021.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>AIR-ENTRAINING ADMIXTURES, EUCLID EUCON EASY FILL, CLSM ONLY</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION--: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 QUART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 11/08/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: FLOW, AIR, COMP ST, DCP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1019</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>AIR-ENTRAINING ADMIXTURES, DARAVAIR AT30</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION--: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 QUART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 11/08/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1021.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY</th>
<th>LB (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION--: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 BAG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 11/08/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 12</td>
<td>CONTAINER2: 11</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: FLOW, AIR, COMP ST, DCP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1019</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>AIR-ENTRAINING ADMIXTURES, RUSS-FLO</th>
<th>LB (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION--: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 BAG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 11/08/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: FLOW, AIR, COMP ST, DCP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1019</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
--- MATERIAL: 42192  AIR-ENTRAINING ADMIXTURES, MASTERCELL 25, CLSM ONLY  LB (KG )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST
  MATERIAL GROUP: 420 CHEMICAL
  MATERIAL OWNER: CN
  UPDATED: 11/08/2017
  SAMPLE SIZE---: 1 BAG
  CONTAINER1:  04  CONTAINER2:  13
  MEASUREMENT---: FLOW, AIR, COMP ST, DCP
  REMARK--------:
  SPECIFICATIONS:  SEC 1019

--- MATERIAL: 42193  AIR-ENTRAINING ADMIXTURES, EUCON AEA 92S  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST
  MATERIAL GROUP: 420 CHEMICAL
  MATERIAL OWNER: CN
  UPDATED: 11/08/2017
  SAMPLE SIZE---: 1 QUART
  CONTAINER1:  04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                  FLEX ST, FT, CL CONT
  REMARK--------:
  SPECIFICATIONS:  SEC 1021

--- MATERIAL: 42194  AIR-ENTRAINING ADMIXTURES, AIRALON 3000  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST
  MATERIAL GROUP: 420 CHEMICAL
  MATERIAL OWNER: CN
  UPDATED: 01/30/2018
  SAMPLE SIZE---: 1 QUART
  CONTAINER1:  04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                  FLEX ST, FT, CL CONT
  REMARK--------:
  SPECIFICATIONS:  SEC 1021

--- MATERIAL: 42195  AIR-ENTRAINING ADMIXTURES, AIRALON 7000  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST
  MATERIAL GROUP: 420 CHEMICAL
  MATERIAL OWNER: CN
  UPDATED: 10/18/2019
  SAMPLE SIZE---: 1 QUART
  CONTAINER1:  04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                  FLEX ST, FT, CL CONT
  REMARK--------:
  SPECIFICATIONS:  SEC 1021

--- MATERIAL: 42196  AIR-ENTRAINING ADMIXTURES, SIKACONTROL AIR 160  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST
  MATERIAL GROUP: 420 CHEMICAL
  MATERIAL OWNER: CN
  UPDATED: 10/21/2019
  SAMPLE SIZE---: 1 QUART
  CONTAINER1:  04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                  FLEX ST, FT, CL CONT
  REMARK--------:
  SPECIFICATIONS:  SEC 1021
--- MATERIAL: 42197  AIR-ENTRAINING ADMIXTURES, DSA 110  GAL ( )
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART  UPDATED: 07/07/2020
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT
REMARK: 
SPECIFICATIONS: SEC 1021

--- MATERIAL: 42198  AIR-ENTRAINING ADMIXTURES, AIR MIX 250  GAL ( )
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART  UPDATED: 07/07/2020
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT
REMARK: 
SPECIFICATIONS: SEC 1021

--- MATERIAL: 42199  AIR-ENTRAINING ADMIXTURES, CONAIR X  GAL ( )
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART  UPDATED: 07/09/2020
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT
REMARK: 
SPECIFICATIONS: SEC 1021

--- MATERIAL: 42501  WATER  GAL (LITER )
METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: TEST
MATERIAL OWNER: AC
SAMPLE SIZE: 1 QUART  UPDATED: 11/15/2017
CONTAINER1: 04  CONTAINER2: 2
MEASUREMENT: PH, ODOR, SEDIMENT, ORGANIC SOLIDS, INORGANIC SOLIDS, CHLORIDE, SULFATES, UNSOUND, INT & FIN SET TIME, STRENGTH
REMARK: WATER ACCEPTABLE FOR DRINKING NEED NOT BE TESTED
SPECIFICATIONS: SEC 1002

--- MATERIAL: 42601  PROTECTIVE COAT  GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY:  55
METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST CBM
MATERIAL OWNER: AC
SAMPLE SIZE: 1 QUART PER BATCH  UPDATED: 04/17/2019
CONTAINER1: 01  CONTAINER2: 13
MEASUREMENT: SPG, COLOR, ACID VALUE, NON-VOLATILE, DRYING TIME, FLASH POINT
REMARK: 
SPECIFICATIONS: ART 1023.01
--- MATERIAL: 42702  EPOXY RESIN, BONDING ADHESIVE  GAL (LITER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT  MARK  MATERIAL OWNER: CN
SAMPLE SIZE----:  CONTAINER1:  05  CONTAINER2:  12
MEASUREMENT----:
REMARK-------- :  SPECIFICATIONS:  ART 1025.01

--- MATERIAL: 42725  CONCRETE SEALER, PENETRATING  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST  MATERIAL OWNER: CN
SAMPLE SIZE----:  1 QUART OR 1 KIT  UPDATED: 11/08/2017
CONTAINER1:  04  CONTAINER2:  01
MEASUREMENT----:  SPG, IR, SALT SCALING
REMARK-------- :  SPECIFICATIONS:  SEC 1026

--- MATERIAL: 42726  CONCRETE SEALER, FILM FORMING  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST  MATERIAL OWNER: CN
SAMPLE SIZE----:  1 QUART OR 1 KIT  UPDATED: 11/08/2017
CONTAINER1:  01  CONTAINER2:  04
MEASUREMENT----:  SPG, IR, SALT SCALING
REMARK-------- :  SPECIFICATIONS:  SEC 1026

--- MATERIAL: 42728  POLYMERIC RESIN, CRACK FILLER, HIGH FRICTION SURF TREATMENT  GAL (LITER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT  MATERIAL OWNER: MT
SAMPLE SIZE----:  NONE  UPDATED: 06/25/2014
CONTAINER1:  CONTAINER2:
MEASUREMENT----:  NONE  REMARK-------- :  CRACK FILLING MATERIALS FOR HIGH FRICTION SURFACE TREATMENT CERT IS COMPATABILITY APPROVAL LETTER FROM RESIN MANF
SPECIFICATIONS:  SPEC PROV FOR HIGH FRICTION SURFACE TREATMENT

--- MATERIAL: 42751  CHEMICAL ADHESIVE, CARTRIDGE  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST  MATERIAL OWNER: MT
SAMPLE SIZE----:  3 CARTRIDGE & APPLICATORS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT----:  PULL-OUT STRENGTH, COMPRESSIVE STRENGTH, HORIZONTAL INSTALLATION WITHOUT RUNOUT  REMARK-------- :  RANDOM SAMPLES WHEN DIRECTED
SPECIFICATIONS:  ART 1027.01
-- MATERIAL: 42752 CHEMICAL ADHESIVE, CAPSULE

| DESC1: | 14 | DESC2: | 61 | DESC3: | SMALLQTY: | EA (EA ) |
| MEASUREMENT | CONTAINER1: | SAMPLE SIZE---: 6 CAPSULES 5/8" DIA |
| REMARK | MATERIAL OWNER: MT |
| SPECIFICATIONS: ART 1027.01 |

-- MATERIAL: 43018 MEMBRANE CURING COMPOUND, TYPE I, WATER

| DESC1: | DESC2: | DESC3: | SMALLQTY: | GAL (LITER ) |
| MEASUREMENT | CONTAINER1: | SAMPLE SIZE---: 1 QUART |
| REMARK | MATERIAL OWNER: CN |
| SPECIFICATIONS: ART 1022.01 |

-- MATERIAL: 43020 MEMBRANE CURING COMPOUND, TYPE I, LINSEED OIL EMULSION

| DESC1: | DESC2: | DESC3: | SMALLQTY: | GAL (LITER ) |
| MEASUREMENT | CONTAINER1: | SAMPLE SIZE---: 1 QUART |
| REMARK | MATERIAL OWNER: CN |
| SPECIFICATIONS: ART 1022.01 |

-- MATERIAL: 43119 MEMBRANE CURING COMPOUND, TYPE II, WATER

| DESC1: | DESC2: | DESC3: | SMALLQTY: | GAL (LITER ) |
| MEASUREMENT | CONTAINER1: | SAMPLE SIZE---: 1 QUART |
| REMARK | MATERIAL OWNER: CN |
| SPECIFICATIONS: ART 1022.01 |

-- MATERIAL: 43230 MEMBRANE CURING COMPOUND, TYPE III, WATER

| DESC1: | DESC2: | DESC3: | SMALLQTY: | GAL (LITER ) |
| MEASUREMENT | CONTAINER1: | SAMPLE SIZE---: 1 QUART |
| REMARK | MATERIAL OWNER: CN |
| SPECIFICATIONS: ART 1022.01 |
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--> MATERIAL: 43403  ADDITIVE, PAVE 192  GAL (LITER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 1 PINT
  CONTAINER1: 01  CONTAINER2: 
  MEASUREMENT---: STRIPPING/COATING
  TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--> MATERIAL: 43405  ADDITIVE, DRIFT CONTROL  GAL ( )
  METHOD OF ACCEPTANCE---: VIS
  EVIDENCE OF INSPECTION---: MARK VIS
  MATERIAL OWNER: AC
  SAMPLE SIZE---: 1 PINT
  UPDATED: 03/16/2021
  CONTAINER1: CONTAINER2: 
  MEASUREMENT---: STRIPPING/COATING
  REMARK--------: 
  SPECIFICATIONS: CONTRACT SPEC PROV

--> MATERIAL: 43410  ADDITIVE, ACRA 500  GAL (LITER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 1 PINT
  UPDATED: 11/14/2017
  CONTAINER1: 01  CONTAINER2: 
  MEASUREMENT---: STRIPPING/COATING
  TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--> MATERIAL: 43413  ADDITIVE, REDICOTE 82-S  GAL (LITER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 1 PINT
  UPDATED: 11/14/2017
  CONTAINER1: 01  CONTAINER2: 
  MEASUREMENT---: STRIPPING/COATING
  TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--> MATERIAL: 43428  ADDITIVE, SUPER CONCENTRATE 901  GAL (LITER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE---: 1 PINT
  UPDATED: 11/14/2017
  CONTAINER1: 01  CONTAINER2: 
  MEASUREMENT---: STRIPPING/COATING
  TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C
--- MATERIAL: 43444  ADDITIVE, AD-HERE CB  GAL (LITER )
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION--:  DPR  TEST  MATERIAL OWNER: BM
SAMPLE SIZE---:  1 PINT  UPDATED: 11/14/2017
CONTAINER1:  01  CONTAINER2:
MEASUREMENT---:  STRIPPING/COATING
TSR - IL MOD AASHTO T283
REMARK--------:  PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS:  ART 1030.04 (C), 1030.05 (D) 2 C

--- MATERIAL: 43446  ADDITIVE, REDICOTE 90-S  GAL (LITER )
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION--:  DPR  TEST  MATERIAL OWNER: BM
SAMPLE SIZE---:  1 PINT  UPDATED: 11/14/2017
CONTAINER1:  01  CONTAINER2:
MEASUREMENT---:  STRIPPING/COATING
TSR - IL MOD AASHTO T283
REMARK--------:  PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS:  ART 1030.04 (C), 1030.05 (D) 2 C

--- MATERIAL: 43451  ADDITIVE, PAVE BOND LITE  GAL (LITER )
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION--:  DPR  TEST  MATERIAL OWNER: BM
SAMPLE SIZE---:  1 PINT  UPDATED: 11/15/2017
CONTAINER1:  01  CONTAINER2:
MEASUREMENT---:  STRIPPING/COATING
TSR - IL MOD AASHTO T283
REMARK--------:  PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS:  ART 1030.04 (C), 1030.05 (D) 2 C

--- MATERIAL: 43452  ADDITIVE, AD-HERE HP PLUS  GAL (LITER )
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION--:  DPR  TEST  MATERIAL OWNER: BM
SAMPLE SIZE---:  1 PINT  UPDATED: 11/15/2017
CONTAINER1:  01  CONTAINER2:
MEASUREMENT---:  STRIPPING/COATING
TSR - IL MOD AASHTO T283
REMARK--------:  PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS:  ART 1030.04 (C), 1030.05 (D) 2 C

--- MATERIAL: 43457  ADDITIVE, UNICHEM 8162  GAL (LITER )
METHOD OF ACCEPTANCE---:  TEST
EVIDENCE OF INSPECTION--:  DPR  TEST  MATERIAL OWNER: BM
SAMPLE SIZE---:  1 PINT  UPDATED: 11/15/2017
CONTAINER1:  01  CONTAINER2:
MEASUREMENT---:  STRIPPING/COATING
TSR - IL MOD AASHTO T283
REMARK--------:  PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS:  ART 1030.04 (C), 1030.05 (D) 2 C
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>ADDITIVE</th>
<th>SPECIFIC</th>
<th>REMARK</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>43466</td>
<td>ADDITIVE, KLINGBETA 2700</td>
<td>GAL (GAL )</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: DPR TEST</td>
<td>MATERIAL OWNER: BM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: 1 PINT</td>
<td>CONTAINER1: 01 CONTAINER2:</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STRIPPING/COATING</td>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>43468</td>
<td>ADDITIVE, AD-HERE LOF 65-00 LS</td>
<td>GAL (LITER )</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: DPR TEST</td>
<td>MATERIAL OWNER: BM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: 1 PINT</td>
<td>CONTAINER1: 01 CONTAINER2:</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STRIPPING/COATING</td>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>43469</td>
<td>ADDITIVE, AD-HERE LOF 65-00</td>
<td>GAL (LITER )</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: DPR TEST</td>
<td>MATERIAL OWNER: BM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: 1 PINT</td>
<td>CONTAINER1: 01 CONTAINER2:</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STRIPPING/COATING</td>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>43477</td>
<td>ADDITIVE, MORLIFE 3300</td>
<td>GAL (LITER )</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: DPR TEST</td>
<td>MATERIAL OWNER: BM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: 1 PINT</td>
<td>CONTAINER1: 01 CONTAINER2:</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STRIPPING/COATING</td>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>43478</td>
<td>ADDITIVE, AD-HERE 66-01 LS</td>
<td>GAL (LITER )</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: DPR TEST</td>
<td>MATERIAL OWNER: BM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: 1 PINT</td>
<td>CONTAINER1: 01 CONTAINER2:</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STRIPPING/COATING</td>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
-- MATERIAL: 43479 ADDITIVE, PERMA-TAC PLUS GAL (LITER)
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE: 1 PINT UPDATED: 11/15/2017
  CONTAINER1: 01 CONTAINER2:
  MEASUREMENT---: STRIPPING/COATING
    TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
    TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

-- MATERIAL: 43485 ADDITIVE, KLING BETA 2912 GAL (LITER)
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE: 1 PINT UPDATED: 11/15/2017
  CONTAINER1: 01 CONTAINER2:
  MEASUREMENT---: STRIPPING/COATING
    TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
    TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

-- MATERIAL: 43487 ADDITIVE, VISURF 129-A GAL (LITER)
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE: 1 PINT UPDATED: 11/15/2017
  CONTAINER1: 01 CONTAINER2:
  MEASUREMENT---: STRIPPING/COATING
    TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
    TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

-- MATERIAL: 43488 ADDITIVE, AD-HERE 77-00 GAL (LITER)
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE: 1 PINT UPDATED: 11/15/2017
  CONTAINER1: 01 CONTAINER2:
  MEASUREMENT---: STRIPPING/COATING
    TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
    TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

-- MATERIAL: 43491 ADDITIVE, CORSABOND 300 GAL (LITER)
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: DPR TEST
  MATERIAL OWNER: BM
  SAMPLE SIZE: 1 PINT UPDATED: 11/15/2017
  CONTAINER1: 01 CONTAINER2:
  MEASUREMENT---: STRIPPING/COATING
    TSR - IL MOD AASHTO T283
  REMARK--------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
    TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
  SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>ADDITIVE</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL OWNER</th>
<th>SAMPLE SIZE</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATERIAL: 43493</td>
<td>ADDITIVE, AD-HERE 250</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>TEST</td>
<td>DPR TEST</td>
<td>BM</td>
<td>1 PINT</td>
<td>01</td>
<td></td>
<td>STRIPPING/COATING</td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td>TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT</td>
</tr>
<tr>
<td>MATERIAL: 43494</td>
<td>ADDITIVE, HYPER 129-A</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>TEST</td>
<td>DPR TEST</td>
<td>BM</td>
<td>1 PINT</td>
<td>01</td>
<td></td>
<td>STRIPPING/COATING</td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td>TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT</td>
</tr>
<tr>
<td>MATERIAL: 43495</td>
<td>ADDITIVE, CELLULOSE FIBERS</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>CERT</td>
<td>BM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SEC 1030, &quot;MANUAL OF TEST PROCEDURES FOR MATERIALS&quot;</td>
</tr>
<tr>
<td>MATERIAL: 43496</td>
<td>ADDITIVE, MINERAL FIBERS</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>CERT</td>
<td>BM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SEC 1030, &quot;MANUAL OF TEST PROCEDURES FOR MATERIALS&quot;</td>
</tr>
<tr>
<td>MATERIAL: 43497</td>
<td>ADDITIVE, RUBBER, POUNDS</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>CERT</td>
<td>BM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CBM DRAFT SPEC FOR HMA MIX, GROUND TIRE RUBBER-MODIFIED</td>
</tr>
</tbody>
</table>
--> MATERIAL: 43498 ADDITIVE, RUBBER, TONS TONS (M TON )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT MATERIAL OWNER: BM
SAMPLE SIZE---:
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK-------:
SPECIFICATIONS: CBM DRAFT SPEC FOR HMA MIX, GROUND TIRE RUBBER-MODIFIED

--> MATERIAL: 43501 REJUVENATING AGENT GAL (LITER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART UPDATED: 02/27/2017
CONTAINER1: 13 CONTAINER2:
MEASUREMENT---: PENETRATION ON ASPHALT BLEND, ORIGIANL, AGED
REMARK-------:
SPECIFICATIONS: LR 400-3

--> MATERIAL: 43502 ADDITIVE, AD-HERE 65-50 GAL (LITER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 1 PINT UPDATED: 11/15/2017
CONTAINER1: 01 CONTAINER2:
MEASUREMENT---: STRIPPING/COATING
TSR - IL MOD AASHTO T283
REMARK-------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--> MATERIAL: 43503 ADDITIVE, UNICHEM 8163 GAL (LITER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 1 PINT UPDATED: 11/15/2017
CONTAINER1: 01 CONTAINER2:
MEASUREMENT---: STRIPPING/COATING
TSR - IL MOD AASHTO T283
REMARK-------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--> MATERIAL: 43504 ADDITIVE, AD-HERE 240 GAL ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 1 PINT UPDATED: 11/15/2017
CONTAINER1: 01 CONTAINER2:
MEASUREMENT---: STRIPPING/COATING
TSR - IL MOD AASHTO T283
REMARK-------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C
--- MATERIAL: 43509  ADDITIVE, KLING BETA 2914  GAL ( )
          METHOD OF ACCEPTANCE--: TEST
          EVIDENCE OF INSPECTION--: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE--: 1 PINT UPDATED: 11/15/2017
CONTAINER1: 01 CONTAINER2: MEASUREMENT---: STRIPPING/COATING
                  TSR - IL MOD AASHTO T283
REMARK------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
                  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--- MATERIAL: 43510  ADDITIVE, WETFIX 312  GAL ( )
          METHOD OF ACCEPTANCE--: TEST
          EVIDENCE OF INSPECTION--: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE--: 1 PINT UPDATED: 11/15/2017
CONTAINER1: 01 CONTAINER2: MEASUREMENT---: STRIPPING/COATING
                  TSR - IL MOD AASHTO T283
REMARK------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
                  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--- MATERIAL: 43511  ADDITIVE, PAVEGRIP 250  GAL ( )
          METHOD OF ACCEPTANCE--: TEST
          EVIDENCE OF INSPECTION--: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE--: 1 PINT UPDATED: 11/15/2017
CONTAINER1: 01 CONTAINER2: MEASUREMENT---: STRIPPING/COATING
                  TSR - IL MOD AASHTO T283
REMARK------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
                  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--- MATERIAL: 43513  ADDITIVE, HPM  GAL ( )
          METHOD OF ACCEPTANCE--: TEST
          EVIDENCE OF INSPECTION--: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE--: 1 PINT UPDATED: 11/15/2017
CONTAINER1: 01 CONTAINER2: MEASUREMENT---: STRIPPING/COATING
                  TSR - IL MOD AASHTO T283
REMARK------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
                  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C

--- MATERIAL: 43514  ADDITIVE, HPM PLUS  GAL ( )
          METHOD OF ACCEPTANCE--: TEST
          EVIDENCE OF INSPECTION--: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE--: 1 PINT UPDATED: 11/15/2017
CONTAINER1: 01 CONTAINER2: MEASUREMENT---: STRIPPING/COATING
                  TSR - IL MOD AASHTO T283
REMARK------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE
                  TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C
---> MATERIAL: 43515  ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, STRUCTURAL  |  LB (KG )  
DESC1:  |  DESC2:  |  DESC3:  |  SMALLQTY:  |
  METHOD OF ACCEPTANCE---: QUAL  |  EVIDENCE OF INSPECTION: LIST  |  MATERIAL OWNER: CN  
SAMPLE SIZE---:  |  CONTAINER1: 12  |  CONTAINER2: 11  
MEASUREMENT---:  |  REMARK-------:  
SPECIFICATIONS:  RECURRING SPEC PROV  

---> MATERIAL: 43516  ADDITIVE, PAVEGRIP 550  |  GAL ( )  
DESC1:  |  DESC2:  |  DESC3:  |  SMALLQTY:  |
  METHOD OF ACCEPTANCE---: TEST  |  EVIDENCE OF INSPECTION: DPR TEST  |  MATERIAL OWNER: BM  
SAMPLE SIZE---: 1 PINT  |  CONTAINER1: 01  |  CONTAINER2:  
MEASUREMENT---: STRIPPING/COATING  
TSR - IL MOD AASHTO T283  
REMARK-------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE  
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT  
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C  

---> MATERIAL: 43517  ADDITIVE, EVOTHERM A1  |  GAL (LITER)  
DESC1:  |  DESC2:  |  DESC3:  |  SMALLQTY:  |
  METHOD OF ACCEPTANCE---: TEST  |  EVIDENCE OF INSPECTION: DPR TEST  |  MATERIAL OWNER: BM  
SAMPLE SIZE---: 1 PINT  |  CONTAINER1: 01  |  CONTAINER2:  
MEASUREMENT---: STRIPPING/COATING  
TSR - IL MOD AASHTO T283  
REMARK-------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE  
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT  
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C  

---> MATERIAL: 43518  ADDITIVE, EVOTHERM J1  |  GAL (LITER)  
DESC1:  |  DESC2:  |  DESC3:  |  SMALLQTY:  |
  METHOD OF ACCEPTANCE---: TEST  |  EVIDENCE OF INSPECTION: DPR TEST  |  MATERIAL OWNER: BM  
SAMPLE SIZE---: 1 PINT  |  CONTAINER1: 01  |  CONTAINER2:  
MEASUREMENT---: STRIPPING/COATING  
TSR - IL MOD AASHTO T283  
REMARK-------: PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE  
TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT  
SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C  

---> MATERIAL: 43519  ADDITIVE, POLYPROPYLENE FIBERS  |  LB (KG )  
DESC1:  |  DESC2:  |  DESC3:  |  SMALLQTY:  |
  METHOD OF ACCEPTANCE---: CERT  |  EVIDENCE OF INSPECTION: CERT  |  MATERIAL OWNER: BC  
SAMPLE SIZE---:  |  CONTAINER1: 08  |  CONTAINER2:  
MEASUREMENT---:  
REMARK-------: USED AS SUBSTITUTE FOR MATERIAL CODE 62006  
SPECIFICATIONS: CHECK SHEET 29, 30, 31 OR LR451
<table>
<thead>
<tr>
<th>MATERIAL: 43520</th>
<th>ADDITIVE, MORLIFE 5000</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>DESC2</td>
<td>DESC3</td>
</tr>
<tr>
<td>SAMPLE SIZE----: 1 PINT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT----: STRIPPING/COATING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43521</th>
<th>ADDITIVE, PAVEGRIP 519</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>DESC2</td>
<td>DESC3</td>
</tr>
<tr>
<td>SAMPLE SIZE----: 1 PINT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT----: STRIPPING/COATING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43522</th>
<th>ADDITIVE, EVOTHERM M1</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>DESC2</td>
<td>DESC3</td>
</tr>
<tr>
<td>SAMPLE SIZE----: 1 PINT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT----: STRIPPING/COATING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43523</th>
<th>ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, NON-STRUCTURAL</th>
<th>LB (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>DESC2</td>
<td>DESC3</td>
</tr>
<tr>
<td>SAMPLE SIZE----:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2: 11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT----:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------- :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 606</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43524</th>
<th>ADDITIVE, PAVEGRIP 529</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>DESC2</td>
<td>DESC3</td>
</tr>
<tr>
<td>SAMPLE SIZE----: 1 PINT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT----: STRIPPING/COATING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TSR - IL MOD AASHTO T283</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1030.04 (C), 1030.05 (D) 2 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL: 43525</td>
<td>ADDITIVE, POLYESTER FIBERS</td>
<td>LB ( )</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT</td>
<td>MATERIAL OWNER: BC</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 12/06/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>REMARK:</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1050.05 FIBER MODIFIED JOINT SEALER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SUPPLEMENTAL SPECIFICATIONS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43526</th>
<th>ADDITIVE, SURFACTANT, NON-IONIC</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td>61</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: VIS</td>
<td>EVIDENCE OF INSPECTION: MARK VIS</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 03/16/2021</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>REMARK:</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>CONTRACT SPEC PROV</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43602</th>
<th>ADDITIVE, FOAMING AGENT FOR CELLULAR CONC, CEMENTOF OXCMX</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 02/06/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>IR</td>
<td>REMARK:</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 543</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43603</th>
<th>ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, AERLITE</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 02/06/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>IR</td>
<td>REMARK:</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 543</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43604</th>
<th>ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, ELASTIZEL JLE</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 06/28/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>IR</td>
<td>REMARK:</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 543</td>
<td></td>
</tr>
</tbody>
</table>
MATERIAL: 43700 CHEM ADMIXTURE, LATEX EMULSION

METHOD OF ACCEPTANCE: CERT
EVIDENCE OF INSPECTION: CERT
MATERIAL GROUP: 420 CHEMICAL
MATERIAL OWNER: CN

SAMPLE SIZE: 1 QUART
UPDATED: 03/04/2021

MEASUREMENT: SPG, CHLORIDE ION, SOLIDS, PH
REMARK: TO BE USED IN LATEX MODIFIED CONCRETE
SPECIFICATIONS: GUIDE BRIDGE SPEC PROV FOR BRIDGE DECK LATEX CONC. OVERLAY

MATERIAL: 43709 CHEM ADMIXTURE, AASHTO M194, TY A, WRDA-82

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN

SAMPLE SIZE: 1 QUART
UPDATED: 11/08/2017

CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.

SPECIFICATIONS: SEC 1021

MATERIAL: 43711 CHEM ADMIXTURE, AASHTO M194, TY A, MASTERPOZZOLITH 80

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN

SAMPLE SIZE: 1 QUART
UPDATED: 11/08/2017

CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.

SPECIFICATIONS: SEC 1021

MATERIAL: 43714 CHEM ADMIXTURE, AASHTO M194, TY A, PLASTOCRETE 161

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN

SAMPLE SIZE: 1 QUART
UPDATED: 11/08/2017

CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.

SPECIFICATIONS: SEC 1021

MATERIAL: 43719 CHEM ADMIXTURE, AASHTO M194, TY B, D, MASTERSET R 100

METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN

SAMPLE SIZE: 1 QUART
UPDATED: 11/08/2017

CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.

SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--> MATERIAL: 43720  CHEM ADMIXTURE, AASHTO M194, TY B, D, PLASTIMENT
GAL (LITER )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NV, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43724  CHEM ADMIXTURE, AASHTO M194, TY C, E, ACCELGARD 80
GAL (LITER )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 2 GAL
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NV, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43725  CHEM ADMIXTURE, AASHTO M194, TY C, CI DAREX CORR INHIB
GAL (LITER )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NV, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43740  CHEM ADMIXTURE, AASHTO M194, TY F, EUCON 37
GAL (LITER )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NV, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43743  CHEM ADMIXTURE, AASHTO M194, TY F, WRDA-19
GAL (LITER )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NV, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021
### MATERIAL: 43746 CHEM ADMIXTURE, AASHTO M194, TY F, MASTERRHEOBUILD 1000 GAL (LITER)

- **Method of Acceptance:** QUAL
- **Evidence of Inspection:** LIST
- **Sample Size:** 1 QUART
- **Container 1:** 04
- **Container 2:** 13
- **Measurement:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
- **Remark:**
- **Specifications:** SEC 1021

### MATERIAL: 43753 CHEM ADMIXTURE, AASHTO M194, TY A, MASTERPOZZOLITH 322 GAL (LITER)

- **Method of Acceptance:** QUAL
- **Evidence of Inspection:** LIST
- **Sample Size:** 1 QUART
- **Container 1:** 04
- **Container 2:** 13
- **Measurement:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
- **Remark:**
- **Specifications:** SEC 1021

### MATERIAL: 43755 CHEM ADMIXTURE, AASHTO M194, TY A, MASTERPOLYHEED 997 GAL (LITER)

- **Method of Acceptance:** QUAL
- **Evidence of Inspection:** LIST
- **Sample Size:** 1 QUART
- **Container 1:** 04
- **Container 2:** 13
- **Measurement:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
- **Remark:**
- **Specifications:** SEC 1021

### MATERIAL: 43757 CHEM ADMIXTURE, AASHTO M194, TY B, D, MASTERSET DELVO GAL (LITER)

- **Method of Acceptance:** QUAL
- **Evidence of Inspection:** LIST
- **Sample Size:** 1 QUART
- **Container 1:** 04
- **Container 2:** 13
- **Measurement:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
- **Remark:**
- **Specifications:** SEC 1021

### MATERIAL: 43758 CHEM ADMIXTURE, AASHTO M194, TY B,D, RECOVER GAL (LITER)

- **Method of Acceptance:** QUAL
- **Evidence of Inspection:** LIST
- **Sample Size:** 1 QUART
- **Container 1:** 04
- **Container 2:** 13
- **Measurement:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
- **Remark:**
- **Specifications:** SEC 1021
MATERIAL GROUP: 420 CHEMICAL

---> MATERIAL: 43761 CHEM ADMIXTURE, AASHTO M194, TY C, E, LCNC-166 GAL (LITER )  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION: LIST  
MATERIAL OWNER: CN  
SAMPLE SIZE---: 2 GAL  
UPDATED: 07/07/2020  
CONTAINER1: 04  CONTAINER2: 13  
MEASUREMENT---: NV, SP, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK------- :  
SPECIFICATIONS: SEC 1021

---> MATERIAL: 43762 CHEM ADMIXTURE, AASHTO M194, TY B, D, LC-400R GAL (LITER )  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION: LIST  
MATERIAL OWNER: CN  
SAMPLE SIZE---: 1 QUART  
UPDATED: 11/08/2017  
CONTAINER1: 04  CONTAINER2: 13  
MEASUREMENT---: NV, SP, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK------- :  
SPECIFICATIONS: SEC 1021

---> MATERIAL: 43764 CHEM ADMIXTURE, AASHTO M194, TY C, POLARSET GAL (LITER )  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION: LIST  
MATERIAL OWNER: CN  
SAMPLE SIZE---: 1 QUART  
UPDATED: 11/08/2017  
CONTAINER1: 04  CONTAINER2: 13  
MEASUREMENT---: NV, SP, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK------- :  
SPECIFICATIONS: SEC 1021

---> MATERIAL: 43769 CHEM ADMIXTURE, AASHTO M194M, TY A, POLYCHEM 400NC GAL (LITER )  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION: LIST  
MATERIAL OWNER: CN  
SAMPLE SIZE---: 1 QUART  
UPDATED: 11/08/2017  
CONTAINER1: 04  CONTAINER2: 13  
MEASUREMENT---: NV, SP, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK------- :  
SPECIFICATIONS: SEC 1021

---> MATERIAL: 43770 CHEM ADMIXTURE, AASHTO M194, TY A, F, MELCHEM GAL (LITER )  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION: LIST  
MATERIAL OWNER: CN  
SAMPLE SIZE---: 1 QUART  
UPDATED: 11/08/2017  
CONTAINER1: 04  CONTAINER2: 13  
MEASUREMENT---: NV, SP, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK------- :  
SPECIFICATIONS: SEC 1021

---
--- MATERIAL: 43771 CHEM ADMIXTURE, AASHTO M194, TYD, POLYCHEM R GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: CN
SAMPLE SIZE---:  1 QUART UPDATED: 11/08/2017
CONTAINER1:  04 CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43773 CHEM ADMIXTURE, AASHTO M194, TY C, POLYCHEM SUPER SET GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: CN
SAMPLE SIZE---:  1 QUART UPDATED: 11/08/2017
CONTAINER1:  04 CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43774 CHEM ADMIXTURE, AASHTO M194, TY A,B,D, LC400P GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: CN
SAMPLE SIZE---:  1 QUART UPDATED: 11/08/2017
CONTAINER1:  04 CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43776 CHEM ADMIXTURE, AASHTO M194, TY C, MASTERSET AC 534 GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: CN
SAMPLE SIZE---:  2 GAL UPDATED: 11/08/2017
CONTAINER1:  04 CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43781 CHEM ADMIXTURE, AASHTO M194, TY A, EUCON WR GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: CN
SAMPLE SIZE---:  1 QUART UPDATED: 11/08/2017
CONTAINER1:  04 CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--- MATERIAL: 43782 CHEM ADMIXTURE, AASHTO M194, TY A, EUCON WR-91 GAL (LITER)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43783 CHEM ADMIXTURE, AASHTO M194, TY D, EUCON RETARDER 100 GAL (LITER)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43786 CHEM ADMIXTURE, AASHTO M194, TY C, MASTERLIFE CL 30 GAL (LITER)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 2 GAL
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43789 CHEM ADMIXTURE, AASHTO M194, TY A, EUCON MR GAL (LITER)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43793 CHEM ADMIXTURE, AASHTO M194, TY C, SIKA RAPID-1 GAL (LITER)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 2 GAL
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK-------: TO BE USED IN LATEX MODIFIED CONCRETE
SPECIFICATIONS: SEC 1021
<table>
<thead>
<tr>
<th>MATERIAL: 43797</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY A, FINISHEASE-NC</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 11/08/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1021</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43798</th>
<th>CHEM ADMIXTURES, AASHTO M194, TY C, CI RUSSTECH RCI</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>2 GAL</td>
<td>UPDATED: 11/08/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1021</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43800</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY F, EUCON 1037</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 11/08/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1021</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43801</th>
<th>CHEM ADMIXTURE, CI, POLYCHEM CI</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 09/03/2020</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1021</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43803</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY F, SCC, SUPER FLOW 2000 RM</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td>MATERIAL OWNER: CN</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td>UPDATED: 11/08/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1021</td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>CHEM ADMIXTURE, AASHTO M194, TY C, SIKA CNI</td>
<td>GAL (LITER)</td>
</tr>
<tr>
<td>----------</td>
<td>--------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>420 CHEMICAL</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>CN</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>01/21/2021</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY F, VISCOCRETE 6100</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>420 CHEMICAL</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>CN</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>11/08/2017</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY F, POLYCHEM 3000</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>420 CHEMICAL</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>CN</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>11/08/2017</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY S, MASTERGLeniUM</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>420 CHEMICAL</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>CN</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>11/08/2017</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY S, MASTERMATRIX VMA 362</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>MATERIAL GROUP:</td>
<td>420 CHEMICAL</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>04</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>CN</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>11/08/2017</td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

-->
MATERIAL: 43820  CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC, VISCOCRETE 2100  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  UPDATED: 11/08/2017
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021

-->
MATERIAL: 43822  CHEM ADMIXTURE, AASHTO M194, TY C, E, MASTERSET FP 20  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  UPDATED: 11/08/2017
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021

-->
MATERIAL: 43823  CHEM ADMIXTURE, AASHTO M194, TY A, F, OPTIMA 203  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  UPDATED: 11/08/2017
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021

-->
MATERIAL: 43827  CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAMENT 686  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  UPDATED: 11/08/2017
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021

-->
MATERIAL: 43828  CHEM ADMIXTURE, AASHTO M194, TY A, F, MATERGLENIUM 1466  GAL (LITER )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  UPDATED: 10/12/2018
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--- MATERIAL: 43832 CHEM ADMIXTURE, AASHTO M194, TY F, GLENIUM 7500 GAL (LITER)
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART UPDATED: 07/15/2020
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK:  
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43833 CHEM ADMIXTURE, AASHTO M194, TY A, F, VISCOCRETE 4100 GAL (LITER)
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART UPDATED: 11/08/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK:  
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43836 CHEM ADMIXTURE, AASHTO M194, TY F, ADVACAST 575 GAL (LITER)
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART UPDATED: 07/16/2020
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK:  
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43837 CHEM ADMIXTURE, AASHTO M194, TY A, POLYHEED 1720 GAL (LITER)
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART UPDATED: 07/15/2020
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK:  
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43850 CHEM ADMIXTURE, CI MASTERLIFE CL 222 GAL (LITER)
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART UPDATED: 11/08/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT
REMARK:  
SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

-- MATERIAL: 43852 CHEM ADMIXTURE, AASHTO M194, TY C, E, ACCELGUARD 90 GAL (LITER )
     METHOD OF ACCEPTANCE---: QUAL
     EVIDENCE OF INSPECTION: LIST
     MATERIAL OWNER: CN
     SAMPLE SIZE---: 1 QUART
     UPDATED: 11/08/2017
     CONTAINER1: 04 CONTAINER2: 13
     MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                     FLEX ST, FT, CL CONT.
     REMARK------- :
     SPECIFICATIONS: SEC 1021

-- MATERIAL: 43853 CHEM ADMIXTURE, AASHTO M194, TY C, CI EUCON CIA GAL (LITER )
     METHOD OF ACCEPTANCE---: QUAL
     EVIDENCE OF INSPECTION: LIST
     MATERIAL OWNER: CN
     SAMPLE SIZE---: 1 QUART
     UPDATED: 11/08/2017
     CONTAINER1: 04 CONTAINER2: 13
     MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                     FLEX ST, FT, CL CONT.
     REMARK------- :
     SPECIFICATIONS: SEC 1021

-- MATERIAL: 43864 CHEM ADMIXTURE, AASHTO M194, TY A, D, ZYLA 630 GAL (LITER )
     METHOD OF ACCEPTANCE---: QUAL
     EVIDENCE OF INSPECTION: LIST
     MATERIAL OWNER: CN
     SAMPLE SIZE---: 1 QUART
     UPDATED: 01/30/2018
     CONTAINER1: 04 CONTAINER2: 13
     MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                     FLEX ST, FT, CL CONT.
     REMARK------- :
     SPECIFICATIONS: SEC 1021

-- MATERIAL: 43867 CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 62 GAL (LITER )
     METHOD OF ACCEPTANCE---: QUAL
     EVIDENCE OF INSPECTION: LIST
     MATERIAL OWNER: CN
     SAMPLE SIZE---: 1 QUART
     UPDATED: 11/08/2017
     CONTAINER1: 04 CONTAINER2: 13
     MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                     FLEX ST, FT, CL CONT.
     REMARK------- :
     SPECIFICATIONS: SEC 1021

-- MATERIAL: 43870 CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 110 GAL (LITER )
     METHOD OF ACCEPTANCE---: QUAL
     EVIDENCE OF INSPECTION: LIST
     MATERIAL OWNER: CN
     SAMPLE SIZE---: 1 QUART
     UPDATED: 11/08/2017
     CONTAINER1: 04 CONTAINER2: 13
     MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                     FLEX ST, FT, CL CONT.
     REMARK------- :
     SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--> MATERIAL: 43872  CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLO 2040 RM   GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43874  CHEM ADMIXTURE, AASHTO M194, TY A, MIRA 35  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43875  CHEM ADMIXTURE, AASHTO M194, TY A, EUCON MRX  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43878  CHEM ADMIXTURE, AASHTO M194, TY S, MASTERMATRIX 33  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43879  CHEM ADMIXTURE, AASHTO M194, TY F, ECOFLO GREEN  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 03/01/2019
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK--------:
SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

---> MATERIAL: 43880 CHEM ADMIXTURE, AASHTO M194, TY A, D, OPTIFLO 50 GAL (LITER)
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST 
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART  UPDATED: 11/08/2017
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK--------: 
  SPECIFICATIONS: SEC 1021

---> MATERIAL: 43881 CHEM ADMIXTURE, AASHTO M194, TY A, OPTIFLO 500 GAL (LITER)
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST 
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART  UPDATED: 11/08/2017
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK--------: 
  SPECIFICATIONS: SEC 1021

---> MATERIAL: 43882 CHEM ADMIXTURE, AASHTO M194, TY E, NITROCAST K GAL (LITER)
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST 
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART  UPDATED: 03/01/2019
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK--------: 
  SPECIFICATIONS: SEC 1021

---> MATERIAL: 43884 CHEM ADMIXTURE, AASHTO M194, TY A, OPTIFLO PLUS GAL (LITER)
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST 
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART  UPDATED: 11/08/2017
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK--------: 
  SPECIFICATIONS: SEC 1021

---> MATERIAL: 43885 CHEM ADMIXTURE, AASHTO M194, TY A, F, OPTIFLO MR GAL (LITER)
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST 
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART  UPDATED: 11/08/2017
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
  REMARK--------: 
  SPECIFICATIONS: SEC 1021
### MATERIAL: 43886  CHEM ADMIXTURE, AASHTO M194, TY D,  OPTIFLO 100R  GAL (LITER)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>QUAL</td>
<td>LIST</td>
</tr>
</tbody>
</table>

**MATERIAL GROUP:** 420 CHEMICAL  
**SAMPLE SIZE:** 1 QUART  
**CONTAINER1:** 04  
**CONTAINER2:** 13  
**MEASUREMENT:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
**REMARK:**  
**SPECIFICATIONS:** SEC 1021

**UPDATED:** 07/08/2020

### MATERIAL: 43887  CHEM ADMIXTURE, AASHTO M194, TY F,  ULTRAFLO 2000  GAL (LITER)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>QUAL</td>
<td>LIST</td>
</tr>
</tbody>
</table>

**MATERIAL GROUP:** 420 CHEMICAL  
**SAMPLE SIZE:** 1 QUART  
**CONTAINER1:** 04  
**CONTAINER2:** 13  
**MEASUREMENT:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
**REMARK:**  
**SPECIFICATIONS:** SEC 1021

**UPDATED:** 03/01/2019

### MATERIAL: 43890  CHEM ADMIXTURE, AASHTO M194, TY F,  ULTRAFLO DP  GAL (LITER)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>QUAL</td>
<td>LIST</td>
</tr>
</tbody>
</table>

**MATERIAL GROUP:** 420 CHEMICAL  
**SAMPLE SIZE:** 1 QUART  
**CONTAINER1:** 04  
**CONTAINER2:** 13  
**MEASUREMENT:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
**REMARK:**  
**SPECIFICATIONS:** SEC 1021

**UPDATED:** 11/08/2017

### MATERIAL: 43894  CHEM ADMIXTURE, AASHTO M194, TY F,  SCC, MASTERGLENIUM 7700  GAL (LITER)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>QUAL</td>
<td>LIST</td>
</tr>
</tbody>
</table>

**MATERIAL GROUP:** 420 CHEMICAL  
**SAMPLE SIZE:** 1 QUART  
**CONTAINER1:** 04  
**CONTAINER2:** 13  
**MEASUREMENT:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
**REMARK:**  
**SPECIFICATIONS:** SEC 1021

**UPDATED:** 11/08/2017

### MATERIAL: 43899  CHEM ADMIXTURE, AASHTO M194, TY A,  CHRYSO PLAST P150  GAL (LITER)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>QUAL</td>
<td>LIST</td>
</tr>
</tbody>
</table>

**MATERIAL GROUP:** 420 CHEMICAL  
**SAMPLE SIZE:** 1 QUART  
**CONTAINER1:** 04  
**CONTAINER2:** 13  
**MEASUREMENT:** NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
**REMARK:**  
**SPECIFICATIONS:** SEC 1021

**UPDATED:** 11/08/2017
Material Group: 420 Chemical

--> MATERIAL: 43900  CHEM ADMIXTURE, AASHTO M194, TY A,  CHRYSO ENVIROMIX 159  GAL (LITER )
   METHOD OF ACCEPTANCE---:  QUAL
   EVIDENCE OF INSPECTION:-:  LIST
   MATERIAL OWNER:  CN
   SAMPLE SIZE---:  1 QUART
   CONTAINER1:  04  CONTAINER2:  13
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
   REMARK------- :
   SPECIFICATIONS:  SEC 1021

--> MATERIAL: 43901  CHEM ADMIXTURE, AASHTO M194, TY C,  CHRYSO TURBOCAST 701  GAL (LITER )
   METHOD OF ACCEPTANCE---:  QUAL
   EVIDENCE OF INSPECTION:-:  LIST
   MATERIAL OWNER:  CN
   SAMPLE SIZE---:  2 GAL
   CONTAINER1:  04  CONTAINER2:  13
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
   REMARK------- :
   SPECIFICATIONS:  SEC 1021

--> MATERIAL: 43902  CHEM ADMIXTURE, AASHTO M194, TY C,  CHRYSO TURBOCAST 650A  GAL (LITER )
   METHOD OF ACCEPTANCE---:  QUAL
   EVIDENCE OF INSPECTION:-:  LIST
   MATERIAL OWNER:  CN
   SAMPLE SIZE---:  2 GAL
   CONTAINER1:  04  CONTAINER2:  13
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
   REMARK------- :
   SPECIFICATIONS:  SEC 1021

--> MATERIAL: 43903  CHEM ADMIXTURE, AASHTO M194, TY D,  CHRYSO CONTROLSET100R  GAL (LITER )
   METHOD OF ACCEPTANCE---:  QUAL
   EVIDENCE OF INSPECTION:-:  LIST
   MATERIAL OWNER:  CN
   SAMPLE SIZE---:  1 QUART
   CONTAINER1:  04  CONTAINER2:  13
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
   REMARK------- :
   SPECIFICATIONS:  SEC 1021

--> MATERIAL: 43905  CHEM ADMIXTURE, AASHTO M194, TY F,  CHRYSO PROPEL 3300  GAL (LITER )
   METHOD OF ACCEPTANCE---:  QUAL
   EVIDENCE OF INSPECTION:-:  LIST
   MATERIAL OWNER:  CN
   SAMPLE SIZE---:  1 QUART
   CONTAINER1:  04  CONTAINER2:  13
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
   REMARK------- :
   SPECIFICATIONS:  SEC 1021
MATERIAL GROUP: 420 CHEMICAL

--- MATERIAL: 43906  CHEM ADMIXTURE, AASHTO M194, TY F, CHRYSO PROPEL AG  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS:  SEC 1021

--- MATERIAL: 43910  CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSO ENVIROMIX 380  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS:  SEC 1021

--- MATERIAL: 43911  CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFLUID OPTIMA256  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS:  SEC 1021

--- MATERIAL: 43912  CHEM ADMIXTURE, AASHTO M194, TY A, MASTERPOLYHEED 900  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/08/2017
CONTAINER1: 04  CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS:  SEC 1021

--- MATERIAL: 43914  CHEM ADMIXTURE, AASHTO M194, TY A, F, PLASTOL 6420  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART
UPDATED: 11/13/2017
CONTAINER1: 04  CONTAINER2:  13
MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS:  SEC 1021
<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Amount</th>
<th>Material Group</th>
<th>Container</th>
<th>Sample Size</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>43915</td>
<td>CHEM ADMIXTURE, AASHTO M194, TY F, SCC, MASTERGLENIUM 7511 GAL (LITER)</td>
<td>1 QUART</td>
<td>CHEMICAL</td>
<td>04</td>
<td>13</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td>SPECIFICATIONS: SEC 1021</td>
</tr>
<tr>
<td>43916</td>
<td>CHEM ADMIXTURE, AASHTO M194, TY B, D, MASTERSSET R 300 GAL (LITER)</td>
<td>1 QUART</td>
<td>CHEMICAL</td>
<td>04</td>
<td>13</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td>SPECIFICATIONS: SEC 1021</td>
</tr>
<tr>
<td>43917</td>
<td>CHEM ADMIXTURE, AASHTO M194, TY A, F, ADVA 140M GAL (LITER)</td>
<td>1 QUART</td>
<td>CHEMICAL</td>
<td>04</td>
<td>13</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td>SPECIFICATIONS: SEC 1021</td>
</tr>
<tr>
<td>43920</td>
<td>CHEM ADMIXTURE, AASHTO M194, TY A, F, EVO 2500 GAL (LITER)</td>
<td>1 QUART</td>
<td>CHEMICAL</td>
<td>04</td>
<td>13</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td>SPECIFICATIONS: SEC 1021</td>
</tr>
<tr>
<td>43922</td>
<td>CHEM ADMIXTURE, AASHTO M194, TY A, KB-1200 GAL (LITER)</td>
<td>1 QUART</td>
<td>CHEMICAL</td>
<td>04</td>
<td>13</td>
<td>NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td>SPECIFICATIONS: SEC 1021</td>
</tr>
</tbody>
</table>
--- MATERIAL: 43923  CHEM ADMIXTURE, AASHTO M194, TY A, F,  ADVACAST 600  GAL (LITER )  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   METHOD OF ACCEPTANCE---:  QUAL  
   EVIDENCE OF INSPECTION:  LIST  
   MATERIAL GROUP: 420  
   MATERIAL: 43923  CHEMICAL  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   SAMPLE SIZE---:  1 QUART  
   CONTAINER1:  04  
   CONTAINER2:  13  
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT  
   REMARK--------:  
   SPECIFICATIONS:  SEC 1021  

--- MATERIAL: 43924  CHEM ADMIXTURE, AASHTO M194, TY B, SIKATARD 440  GAL (LITER )  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   METHOD OF ACCEPTANCE---:  QUAL  
   EVIDENCE OF INSPECTION:  LIST  
   MATERIAL GROUP: 420  
   MATERIAL: 43924  CHEMICAL  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   SAMPLE SIZE---:  1 QUART  
   CONTAINER1:  04  
   CONTAINER2:  13  
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT  
   REMARK--------:  
   SPECIFICATIONS:  SEC 1021  

--- MATERIAL: 43925  CHEM ADMIXTURE, AASHTO M194, TY A, F,  VISCOCRETE 1000  GAL (LITER )  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   METHOD OF ACCEPTANCE---:  QUAL  
   EVIDENCE OF INSPECTION:  LIST  
   MATERIAL GROUP: 420  
   MATERIAL: 43925  CHEMICAL  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   SAMPLE SIZE---:  1 QUART  
   CONTAINER1:  04  
   CONTAINER2:  13  
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT  
   REMARK--------:  
   SPECIFICATIONS:  SEC 1021  

--- MATERIAL: 43927  CHEM ADMIXTURE, AASHTO M194, TY C,  DARASET 442  GAL (LITER )  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   METHOD OF ACCEPTANCE---:  QUAL  
   EVIDENCE OF INSPECTION:  LIST  
   MATERIAL GROUP: 420  
   MATERIAL: 43927  CHEMICAL  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   SAMPLE SIZE---:  2 GAL  
   CONTAINER1:  04  
   CONTAINER2:  13  
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT  
   REMARK--------:  
   SPECIFICATIONS:  SEC 1021  

--- MATERIAL: 43928  CHEM ADMIXTURE, AASHTO M194, TY A, F,  CHRYSO ENVIROMIX 728  GAL (LITER )  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   METHOD OF ACCEPTANCE---:  QUAL  
   EVIDENCE OF INSPECTION:  LIST  
   MATERIAL GROUP: 420  
   MATERIAL: 43928  CHEMICAL  
   DESC1:  
   DESC2:  
   DESC3:  
   SMALLQTY:  .
   SAMPLE SIZE---:  1 QUART  
   CONTAINER1:  04  
   CONTAINER2:  13  
   MEASUREMENT---:  NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT  
   REMARK--------:  
   SPECIFICATIONS:  SEC 1021
-->
MATERIAL: 43929  CHEM ADMIXTURE, AASHTO M194, TY A,  SIKAPLAST 200  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
SAMPLE SIZE---: 1 QUART
UPDATED: 11/13/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS:  SEC 1021

-->
MATERIAL: 43930  CHEM ADMIXTURE, AASHTO M194, TY F,  SIKAMENT SPMN  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
SAMPLE SIZE---: 1 QUART
UPDATED: 11/13/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS:  SEC 1021

-->
MATERIAL: 43933  CHEM ADMIXTURE, AASHTO M194, TY F,  POLYCHEM SPC  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
SAMPLE SIZE---: 1 QUART
UPDATED: 11/13/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS:  SEC 1021

-->
MATERIAL: 43935  CHEM ADMIXTURE, AASHTO M194, TY C,  E,  SIKASET NC-4  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
SAMPLE SIZE---: 2 GAL
UPDATED: 11/13/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS:  SEC 1021

-->
MATERIAL: 43936  CHEM ADMIXTURE, AASHTO M194, TY B,  POLYCHEM RENU  GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
SAMPLE SIZE---: 1 QUART
UPDATED: 11/13/2017
CONTAINER1: 04  CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS:  SEC 1021
--- MATERIAL: 43937 CHEM ADMIXTURE, AASHTO M194, TY F, PC-441 GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART UPDATED: 11/13/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43938 CHEM ADMIXTURE, AASHTO M194, TY F, ADVACAST 585 GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART UPDATED: 11/13/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43939 CHEM ADMIXTURE, AASHTO M194, TY F, MASTERGELENIUM 7710 GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART UPDATED: 11/13/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43940 CHEM ADMIXTURE, AASHTO M194, TY S, EUCON ABS GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART UPDATED: 11/13/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43941 CHEM ADMIXTURE, AASHTO M194, TY A, OPTIFLO 700 GAL (LITER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 420 CHEMICAL
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 QUART UPDATED: 11/13/2017
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
FLEX ST, FT, CL CONT.
REMARK-------- :
SPECIFICATIONS: SEC 1021
<table>
<thead>
<tr>
<th>MATERIAL: 43942</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY A,</th>
<th>ULTRAFLO 5600</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td>SAMPLE SIZE: 1 QUART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS: SEC 1021</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43943</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY A,</th>
<th>CHRYSOFLUID PREMIA198</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td>SAMPLE SIZE: 1 QUART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS: SEC 1021</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43944</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY A,</th>
<th>CHRYSOFL OPTIMA258EMX</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td>SAMPLE SIZE: 1 QUART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS: SEC 1021</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43945</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY D,</th>
<th>CHRYSO CONTROL SET 125</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td>SAMPLE SIZE: 1 QUART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS: SEC 1021</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 43946</th>
<th>CHEM ADMIXTURE, AASHTO M194, TY C,</th>
<th>OZ-SET 2</th>
<th>GAL (LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: CN</td>
<td>SAMPLE SIZE: 1 QUART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS: SEC 1021</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
--> MATERIAL: 43947 CHEM ADMIXTURE, AASHTO M194, TY F, SCC, MASTERGLENIUM 7920 GAL (LITER)  
DESC1: 
DESC2: 
DESC3: SMALLQTY: .  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION---: LIST  
MATERIAL GROUP: 420 CHEMICAL  
SAMPLE SIZE---: 1 QUART  
UPDATED: 07/15/2020  
CONTAINER1: 04 CONTAINER2: 13  
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK--- : SPECIFICATIONS: SEC 1021  
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43949 CHEM ADMIXTURE, AASHTO M194, TY B, D, EUCON STASIS GAL (LITER)  
DESC1: 
DESC2: 
DESC3: SMALLQTY: .  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION---: LIST  
MATERIAL GROUP: 420 CHEMICAL  
SAMPLE SIZE---: 1 QUART  
UPDATED: 11/13/2017  
CONTAINER1: 04 CONTAINER2: 13  
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK--- : SPECIFICATIONS: SEC 1021  
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43950 CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,PLASTOL 6400 GAL (LITER)  
DESC1: 
DESC2: 
DESC3: SMALLQTY: .  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION---: LIST  
MATERIAL GROUP: 420 CHEMICAL  
SAMPLE SIZE---: 1 QUART  
UPDATED: 10/18/2019  
CONTAINER1: 04 CONTAINER2: 13  
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK--- : SPECIFICATIONS: SEC 1021  
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43951 CHEM ADMIXTURE, AASHTO M194, TY F, SCC,PLASTOL ULTRA 209 GAL (LITER)  
DESC1: 
DESC2: 
DESC3: SMALLQTY: .  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION---: LIST  
MATERIAL GROUP: 420 CHEMICAL  
SAMPLE SIZE---: 1 QUART  
UPDATED: 10/18/2019  
CONTAINER1: 04 CONTAINER2: 13  
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.  
REMARK--- : SPECIFICATIONS: SEC 1021  
SPECIFICATIONS: SEC 1021

--> MATERIAL: 43953 CHEM ADMIXTURE, AASHTO M194, TY A, ZYLA 640 GAL (LITER)  
DESC1: 
DESC2: 
DESC3: SMALLQTY: .  
METHOD OF ACCEPTANCE---: QUAL  
EVIDENCE OF INSPECTION---: LIST  
MATERIAL GROUP: 420 CHEMICAL  
SAMPLE SIZE---: 1 QUART  
UPDATED: 11/13/2017  
CONTAINER1: 04 CONTAINER2: 13  
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT  
REMARK--- : SPECIFICATIONS: SEC 1021  
SPECIFICATIONS: SEC 1021

Page 191 of 344 Manual of Materials Inspection 5/31/2021
--- MATERIAL: 43954 CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 95 GAL (LITER)
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  CONTAINER1: 04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT
  REMARK------- :
  SPECIFICATIONS: SEC 1021

--- MATERIAL: 43955 CHEM ADMIXTURE, AASHTO M194, TY A, ADV A XT2 GAL (LITER)
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  CONTAINER1: 04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021

--- MATERIAL: 43956 CHEM ADMIXTURE, AASHTO M194, TY A, DWR 385 GAL ( )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  CONTAINER1: 04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021

--- MATERIAL: 43957 CHEM ADMIXTURE, AASHTO M194, TY A, SCC, SUPERFLO 1443 GAL ( )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  CONTAINER1: 04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021

--- MATERIAL: 43958 CHEM ADMIXTURE, AASHTO M194, TY A, DNL 485 GAL ( )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  CONTAINER1: 04  CONTAINER2:  13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK------- :
  SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

-- MATERIAL: 43959 CHEM ADMIXTURE, AASHTO M194, TY C, DNS 166 GAL ( )
  METHOD OF ACCEPTANCE: QUAL
  EVIDENCE OF INSPECTION: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE: 1 QUART
  UPDATED: 07/08/2020
  CONTAINER1: 04 CONTAINER2: 13
  MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK: SPECIFICATIONS: SEC 1021

-- MATERIAL: 43960 CHEM ADMIXTURE, AASHTO M194, TY A, DNL 785 GAL ( )
  METHOD OF ACCEPTANCE: QUAL
  EVIDENCE OF INSPECTION: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE: 1 QUART
  UPDATED: 07/08/2020
  CONTAINER1: 04 CONTAINER2: 13
  MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK: SPECIFICATIONS: SEC 1021

-- MATERIAL: 43961 CHEM ADMIXTURE, AASHTO M194, TY B, PROLONG L GAL ( )
  METHOD OF ACCEPTANCE: QUAL
  EVIDENCE OF INSPECTION: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE: 1 QUART
  UPDATED: 07/09/2020
  CONTAINER1: 04 CONTAINER2: 13
  MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK: SPECIFICATIONS: SEC 1021

-- MATERIAL: 43962 CHEM ADMIXTURE, AASHTO M194, TY B, G, OPTIFLO N2A GAL ( )
  METHOD OF ACCEPTANCE: QUAL
  EVIDENCE OF INSPECTION: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE: 1 QUART
  UPDATED: 07/09/2020
  CONTAINER1: 04 CONTAINER2: 13
  MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK: SPECIFICATIONS: SEC 1021

-- MATERIAL: 43963 CHEM ADMIXTURE, AASHTO M194, TY E, NITROCAST NC GAL ( )
  METHOD OF ACCEPTANCE: QUAL
  EVIDENCE OF INSPECTION: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE: 1 QUART
  UPDATED: 07/09/2020
  CONTAINER1: 04 CONTAINER2: 13
  MEASUREMENT: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
  FLEX ST, FT, CL CONT.
  REMARK: SPECIFICATIONS: SEC 1021
MATERIAL GROUP: 420 CHEMICAL

--- MATERIAL: 43964  CHEM ADMIXTURE, AASHTO M194, TY C, IMPEDE CNI GAL ( )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                  FLEX ST, FT, CL CONT.
  REMARK--------: SPECIFICATIONS: SEC 1021

--- MATERIAL: 43965  CHEM ADMIXTURE, AASHTO M194, TY S, MASTER X-SEED 55 GAL ( )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  CONTAINER1: 04  CONTAINER2: 13
  MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST,
                  FLEX ST, FT, CL CONT.
  REMARK--------: SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

--- MATERIAL: 45101 SHEET, ZINC COATED IRON OR STEEL (FL,C OR CORR CUT LENGTHS) N/A (N/A )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- MATERIAL OWNER: MT
SAMPLE SIZE---: 24" X 24" MIN PER 2,000 LIN. FT. FOR EACH GAGE UPDATED: 04/09/2021
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS, WEIGHT OF COATING, TENSILE STRENGTH, YIELD STRENGTH, ELONGATION
REMARK-------- : LAB USE ONLY, ELONGATION WAIVED IF CORRUGATED DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 218

--- MATERIAL: 45102 SHEET, PC GALV. STEEL TYPE B (FL,C OR CORR CUT LENGTHS) N/A (N/A )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- MATERIAL OWNER: MT
SAMPLE SIZE---: 24" X 24" MIN PER 2,000 LIN. FT. FOR EACH GAGE UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS, WEIGHT OF COATING, TENSILE STRENGTH, YIELD STRENGTH, ELONGATION
REMARK-------- : LAB USE ONLY DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 246

--- MATERIAL: 45103 SHEET,ALUMINUM COATED(TYPE 2)STEEL(FL,C OR CORR CUT LENGTHS) N/A (N/A )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- MATERIAL OWNER: MT
SAMPLE SIZE---: 24" X 24" MIN PER 2,000 LIN. FT. FOR EACH GAGE UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS, WEIGHT OF COATING, TENSILE STRENGTH, YIELD STRENGTH, ELONGATION
REMARK-------- : LAB USE ONLY DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 274

--- MATERIAL: 45201 PIPE, CIRC, CIRCUM CORR, GALV. STEEL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION:- CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, CORRUGATION DEPTH & PITCH, RIVET SIZE & SPACING, WEIGHT OF COATING (MAGNETIC GAGE)
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 36

--- MATERIAL: 45203 PIPE, CIRC, CIRCUM CORR, PRECOATED GALV. STEEL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION:- CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., CORRUG. DPTH & PTCH, RVT. SZE & SPACE., WT. OF COAT.
REMARK-------- : PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 245
### MANUAL FOR MATERIALS INSPECTION - PART 2

**MATERIAL GROUP: 450 CORRUGATED STEEL PIPE**

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Quantity</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT ILOK LA15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MEASUREMENT: DIM., CORRUG. DPTH &amp; PTCH, RVT. SZE &amp; SPAC., WT. OF COAT.</td>
<td>(MAGNETIC GAGE)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>REMARK: PROCESS CONTROL ACCORDING TO AASHTO.</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1006.01, AASHTO M 36</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Quantity</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT ILOK LA15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MEASUREMENT: DIM., CORRUG. DPTH &amp; PTCH, RVT. SZE &amp; SPAC., WT. OF COAT.</td>
<td>(MAGNETIC GAGE)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>REMARK: PROCESS CONTROL ACCORDING TO AASHTO.</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1006.01, AASHTO M 36</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Quantity</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT ILOK LA15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MEASUREMENT: DIM., CORRUG. DPTH &amp; PTCH, RVT. SZE &amp; SPAC., WT. OF COATING</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>REMARK: PROCESS CONTROL ACCORDING TO AASHTO.</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1006.01</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Quantity</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT ILOK LA15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MEASUREMENT: DIM., CORRUG. DPTH &amp; PTCH, RVT. SZE &amp; SPAC., WT. OF COATING</td>
<td>(MAGNETIC GAGE)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>REMARK: PROCESS CONTROL ACCORDING TO AASHTO.</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1006.01, AASHTO M 274</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Quantity</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT ILOK LA15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MEASUREMENT: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COATING</td>
<td>(MAGNETIC GAGE)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>REMARK: PROCESS CONTROL ACCORDING TO AASHTO.</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SPECIFICATIONS: ART 1006.01, AASHTO M 36</td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

--- MATERIAL: 45302 PIPE, CIRC, HELI CORR, BIT. COATED GALV. STEEL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COAT. (MAGNETIC GAGE), AREA BIT.,
REMARK--------: (MEAS CONT'D)- THICKNESS OF BIT. COAT. OVER CREST DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 36, AASHTO M 190, TY A

--- MATERIAL: 45303 PIPE, CIRC, HELI CORR, PRECOATED GALV. STEEL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COATING
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 245, AASHTO M 218

--- MATERIAL: 45304 TEE, CIRC HELI CORR, GALV. STEEL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COATING (MAGNETIC GAGE)
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 36

--- MATERIAL: 45305 ELBOW, CIRC HELI CORR. GALV., STEEL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COATING (MAGNETIC GAGE)
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 36

--- MATERIAL: 45308 PIPE, CIRC, HELI CORR, RECORR END ANNULAR, GALV. STEEL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COAT. (MAGNETIC GAGE)
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 36
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

--- MATERIAL: 45310  PIPE, CIRC, HELI CORR, RECOOR END ANNUL, ALUM COATED STEEL LINFT(METER )

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2: 
MEASUREMENT---: DIM, WELD WIDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COAT (MAGNETIC GAGE)
REMARK-------- : PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 36 & M 274

--- MATERIAL: 45315  PIPE, CIRC, HELI CORR, ALUM-COATED STEEL LINFT(METER )

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2: 
MEASUREMENT---: DIM., WELD WIDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COATING (MAGNETIC GAGE)
REMARK-------- : PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 274 & M 36

--- MATERIAL: 45316  ELBOW, CIRC, HELI CORR, ALUM-COATED STEEL EA (EA )

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/10/2008
CONTAINER1:  CONTAINER2: 
MEASUREMENT---: DIM., WELD WIDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT. OF COATING (MAGNETIC GAGE)
REMARK-------- : PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01

--- MATERIAL: 45317  PIPE,CIRC,HELICORR,RECOOR END ANNUL,PRECOATED GALVSTEEL LINFT(METER )

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2: 
MEASUREMENT---: DIM.,WELD WIDTH OR LOCK SEAM TIGHTNESS,ANGLE OF SPIRAL,WT OF COATING
REMARK-------- : PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 245

--- MATERIAL: 45320  ELBOW, CIRC, HELI CORR, RECOOR END ANNUL, PRECOAT GALVSTEEL EA (EA )

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2: 
MEASUREMENT---: DIM.,WELD WIDTH OR LOCK SEAM TIGHTNESS,ANGLE OF SPIRAL,WT OF COATING
REMARK-------- : PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 245
-- MATERIAL: 45401  PIPE ARCH, CIRCUM CORR, GALV. STEEL  LNF(METER )
METHOD OF ACCEPTANCE: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15
MATERIAL OWNER: MT
SAMPLE SIZE: FIELD INSPECTION
UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT: DIM., RISE & SPAN MEAS., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT OF COATING (MAGNETIC GAGE)
REMARK: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 36

-- MATERIAL: 45403  PIPE ARCH, CIRCUM CORR, PRECOATED GALV. STEEL  LNF(METER )
METHOD OF ACCEPTANCE: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15
MATERIAL OWNER: MT
SAMPLE SIZE: FIELD INSPECTION
UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT: DIM., RISE & SPAN MEAS., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT OF COATING
REMARK: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 245, AASHTO M 218

-- MATERIAL: 45408  PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL  LNF(METER )
METHOD OF ACCEPTANCE: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15
MATERIAL OWNER: MT
SAMPLE SIZE: FIELD INSPECTION
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT: DIM., RISE & SPAN MEAS., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT OF COATING (MAGNETIC GAGE)
REMARK: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 274

-- MATERIAL: 45501  PIPE ARCH, HELI CORR, GALV. STEEL  LNF(METER )
METHOD OF ACCEPTANCE: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15
MATERIAL OWNER: MT
SAMPLE SIZE: FIELD INSPECTION
UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT: DIM., RISE & SPAN MEAS., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COAT. (MAGNETIC GAGE)
REMARK: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 36M

-- MATERIAL: 45508  PIPE ARCH, CIRC, HELI CORR, RECORR END ANNULAR, GALV.STEEL  LNF(METER )
METHOD OF ACCEPTANCE: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15
MATERIAL OWNER: MT
SAMPLE SIZE: FIELD INSPECTION
UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT: DIM., RISE & SPAN MEAS., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT OF COAT. (MAGNETIC GAGE)
REMARK: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 36
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

--> MATERIAL: 45510  PIPE ARCH, HELI CORR, ALUM-COATED STEEL  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT
OF COAT.(MAGNETIC GAGE), RISE & SPAN MEAS.
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 36

--> MATERIAL: 45511  PIPE ARCH, HELI CORR,RECORR END ANNUL,ALUM-COATED STEEL  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL,
WT OF COAT.(MAGNETIC GAGE), RISE & SPAN MEAS.
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 36

--> MATERIAL: 45512  PIPE ARCH,HELICorr,RECORR END ANNUL,PRECOATED GALV. STEEL  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., RISE & SPAN MEAS., WELD WDTH OR LOCK SEAM TIGHTNESS,
ANGLE OF SPIRAL, WT OF COATING (MAGNETIC GAGE)
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 36

--> MATERIAL: 45601  PIPE, UNDERDRAIN, HELI CORR, PERF, GALV. STEEL  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 ILOK  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WELD WDTH OR LOCK SEAM TIGHTNESS, ANGLE OF SPIRAL, WT
OF COAT.(MAGNETIC GAGE), DIA., SZE & SPAC OF PERFORATIONS,
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 36

--> MATERIAL: 45701  PIPE, UNDERDRAIN, CIRCUM CORR, PERF, GALV. STEEL  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT OF COAT.
(MAGNETIC GAGE), DIA., SZE & SPAC. OF PERFORATIONS
REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.01, AASHTO M 36
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

---> MATERIAL: 45703  PIPE, UNDERDRAIN, CIRCUM CORR, PERF, PRECOATED STEEL
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/10/2008
   CONTAINER1: CONTAINER2:
   MEASUREMENT---: DIM., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT OF COAT.,
                   DIA., SZE & SPAC. OF PERFORATIONS
   REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
                   DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 1006.01, AASHTO M 245

---> MATERIAL: 45901  END SECTIONS, CIRCULAR, METAL
   DESC1: 14  DESC2:  SMALLQTY:  .
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/10/2008
   CONTAINER1: CONTAINER2:
   MEASUREMENT---: DIM., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT OF COAT.
                   (MAGNETIC GAGE)
   REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
                   DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 1006.01, AASHTO M 36, HWY STD

---> MATERIAL: 45902  END SECTIONS, PIPE ARCH, METAL
   DESC1: 14  DESC2:  SMALLQTY:  .
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/10/2008
   CONTAINER1: CONTAINER2:
   MEASUREMENT---: DIM., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT OF COAT.
                   (MAGNETIC GAGE)
   REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
                   DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 1006.01, AASHTO M 36, HWY STD

---> MATERIAL: 46001  GATE, AUTOMATIC FLAP
   DESC1: 14  DESC2:  SMALLQTY:  .
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
   CONTAINER1: CONTAINER2:
   MEASUREMENT---: DIMENSIONS
   REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
                   DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 1044.01, ASTM A126 CLASS B

---> MATERIAL: 46103  PIPE ARCH, PLATE, CORR, GALV. STEEL
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION-: CERT ILOK LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 01/26/2017
   CONTAINER1: CONTAINER2:
   MEASUREMENT---: DIM., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT OF COAT.
   REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO
                   DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 1006.02, AASHTO M 167
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

-- MATERIAL: 46201  BAND, GALV. STEEL CONNECTORS  EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: SHEET THICKNESS, WT OF COATING (MAGNETIC GAGE)
REMARK---------: PROCESS CONTROL ACCORDING TO AASHTO
               DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  A5T 1006.01, AASHTO M 36

-- MATERIAL: 46206  DRAIN, SLOTTED, CIRC, CIRCUM CORR GALV. STEEL (VANE)  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WT OF COATING (MAGNETIC GAGE), WORKMANSHIP
REMARK---------: PROCESS CONTROL ACCORDING TO AASHTO
               DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  SPEC PROV & CONTRACT PLANS

-- MATERIAL: 46210  DRAIN, SLOTTED, CIRC, HELI CORR,BIT.COATED,GALV.STEEL  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: THICKNESS, WT OF COATING, AREA BIT. COATED, BIT.
               COATING THICKNESS (MAGNETIC GAGE)
REMARK---------: PROCESS CONTROL ACCORDING TO AASHTO
               DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  SPEC PROV & CONTRACT PLANS

-- MATERIAL: 46212  DRAIN SLOTTED, CIRC, HELICORR GALV.STEEL  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WT OF COATING (MAGNETIC GAGE), WORKMANSHIP
REMARK---------: PROCESS CONTROL ACCORDING TO AASHTO
               DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  SPEC PROV & CONTRACT PLANS

-- MATERIAL: 46215  COLLAR,SEEPAGE,STEEL,PRECOATED GALV.  EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WT OF COATING, WORKMANSHIP
REMARK---------: PROCESS CONTROL ACCORDING TO AASHTO
               DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  SPEC PROV & CONTRACT PLANS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

--- MATERIAL: 46219 DRAIN, SLOTTED, CIRC, HELI CORR, ALUM. COATED STEEL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WT OF COATING (MAGNETIC GAGE), WORKMANSHIP
REMARK-------: PROCESS CONTROL ACCORDING TO AASHTO
               DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV & CONTRACT PLANS
### MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

---

**MATERIAL: 47601 PIPE, CLASS I, CONCRETE**  
LINFT(METER)  
**METHOD OF ACCEPTANCE---: QUAL**  
**EVIDENCE OF INSPECTION--: LIST**  
**MATERIAL OWNER:** PC  
**UPDATED:** 02/27/2017  
**CONTAINER1:**  
**MEASUREMENT---:** DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMpressive STRENGTH, ABSorption, PERmeability, HYDROstatic  
**REMARK-------:**  
**SPECIFICATIONS:** ART 1042.06 (D)  
**CBM POLICY MEMO 19**

---

**MATERIAL: 47602 PIPE, CLASS II, CONCRETE**  
LINFT(METER)  
**METHOD OF ACCEPTANCE---: QUAL**  
**EVIDENCE OF INSPECTION--: LIST**  
**MATERIAL OWNER:** PC  
**UPDATED:** 02/27/2017  
**CONTAINER1:**  
**MEASUREMENT---:** DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMpressive STRENGTH, ABSorption, PERmeability, HYDROstatic  
**REMARK-------:**  
**SPECIFICATIONS:** ART 1042.06 (D)  
**CBM POLICY MEMO 19**

---

**MATERIAL: 47603 PIPE, CLASS III, CONCRETE**  
LINFT(METER)  
**METHOD OF ACCEPTANCE---: QUAL**  
**EVIDENCE OF INSPECTION--: LIST**  
**MATERIAL OWNER:** PC  
**UPDATED:** 02/27/2017  
**CONTAINER1:**  
**MEASUREMENT---:** DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMpressive STRENGTH, ABSorption, PERmeability, HYDROstatic  
**REMARK-------:**  
**SPECIFICATIONS:** ART 1042.06 (D)  
**CBM POLICY MEMO 19**

---

**MATERIAL: 47701 PIPE, REINFORCED, CONCRETE CLASS I**  
LINFT(METER)  
**METHOD OF ACCEPTANCE---: QUAL**  
**EVIDENCE OF INSPECTION--: LIST**  
**MATERIAL OWNER:** PC  
**UPDATED:** 02/27/2017  
**CONTAINER1:**  
**MEASUREMENT---:** DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMpressive STRENGTH, ABSorption, STEEL SIZE & PLACEMENT  
**REMARK-------:**  
**SPECIFICATIONS:** ART 1042.06 (A)  
**CBM POLICY MEMO 19**

---

**MATERIAL: 47702 PIPE, REINFORCED, CONCRETE CLASS II**  
LINFT(METER)  
**METHOD OF ACCEPTANCE---: QUAL**  
**EVIDENCE OF INSPECTION--: LIST**  
**MATERIAL OWNER:** PC  
**UPDATED:** 02/27/2017  
**CONTAINER1:**  
**MEASUREMENT---:** DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMpressive STRENGTH, ABSorption, STEEL SIZE & PLACEMENT  
**REMARK-------:**  
**SPECIFICATIONS:** ART 1042.06 (A)  
**CBM POLICY MEMO 19**
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

--> MATERIAL: 47703 PIPE, REINFORCED, CONCRETE CLASS III
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, STEEL SIZE & PLACEMENT
REMARK--------:
SPECIFICATIONS: ART 1042.06 (A)
CBM POLICY MEMO 19

--> MATERIAL: 47704 PIPE, REINFORCED, CONCRETE CLASS IV
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, STEEL SIZE & PLACEMENT
REMARK--------:
SPECIFICATIONS: ART 1042.06 (A)
CBM POLICY MEMO 19

--> MATERIAL: 47705 PIPE, REINFORCED, CONCRETE CLASS V
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, STEEL SIZE & PLACEMENT
REMARK--------:
SPECIFICATIONS: ART 1042.06 (A)
CBM POLICY MEMO 19

--> MATERIAL: 47706 PIPE, REINFORCED, CONCRETE CLASS V SPECIAL
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, STEEL SIZE & PLACEMENT
REMARK--------:
SPECIFICATIONS: ART 1042.06 (A)
CBM POLICY MEMO 19

--> MATERIAL: 47751 PIPE, CONCRETE PRESTRESSED CYLINDER, LINED, ANSI/AWWA C301
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: ILOK
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION,
SLUMP, AIR, STRENGTH; SCC:SLUMP FLOW, VSI, J-RING/L-BOX, HVSI
REMARK--------: QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS-FINAL REPORT
AT CBM-SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS
SPECIFICATIONS: ART 504.06, CONTRACT PLANS & SPEC PROV
MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONC PROD
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

--> MATERIAL: 47752  PIPE, CONCRETE PRESTRESSED CYLINDER, EMBEDDED, ANSI/AWWA C301 LINFT (METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:-: ILOK
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VSI, J-RING/L-BOX, HVSI
REMARK------- : QC/QA PER MANUAL FOR FABRICATION OF PPC PDTS--FINAL REPORT AT CBM--SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS
SPECIFICATIONS: ART 504.06, CONTRACT PLANS & SPEC PROV

MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONC PROD

--> MATERIAL: 47901  PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-A LINFT (METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION:-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK------- : SPECIFICATIONS: ART 1042.06 (B)
CBM POLICY MEMO 19

--> MATERIAL: 47902  PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-I LINFT (METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION:-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK------- : SPECIFICATIONS: ART 1042.06 (B)
CBM POLICY MEMO 19

--> MATERIAL: 47903  PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-II LINFT (METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION:-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK------- : SPECIFICATIONS: ART 1042.06 (B)
CBM POLICY MEMO 19
### Manual for Materials Inspection - Part 2

**Material Group:** 475 Concrete Pipe & Drain Tile

<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Remarks</th>
<th>Specifications</th>
<th>CBM Policy Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>47904</td>
<td>Pipe, Elliptical Reinforced, Concrete Class HE-III LINFT(METER)</td>
<td>Qual</td>
<td>List</td>
<td>26 DESC2: 19 DESC3: SMALLQTY: .</td>
<td>MATERIAL OWNER: PC</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td>DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE &amp; PLACEMENT</td>
<td>SPECIFICATIONS: ART 1042.06 (B)</td>
</tr>
<tr>
<td>47905</td>
<td>Pipe, Elliptical Reinforced, Concrete Class HE-IV LINFT(METER)</td>
<td>Qual</td>
<td>List</td>
<td>26 DESC2: 19 DESC3: SMALLQTY: .</td>
<td>MATERIAL OWNER: PC</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td>DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE &amp; PLACEMENT</td>
<td>SPECIFICATIONS: ART 1042.06 (B)</td>
</tr>
<tr>
<td>47906</td>
<td>Pipe, Elliptical Reinforced, Concrete Class VE-II LINFT(METER)</td>
<td>Qual</td>
<td>List</td>
<td>26 DESC2: 19 DESC3: SMALLQTY: .</td>
<td>MATERIAL OWNER: PC</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td>DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE &amp; PLACEMENT</td>
<td>SPECIFICATIONS: ART 1042.06 (B)</td>
</tr>
<tr>
<td>47907</td>
<td>Pipe, Elliptical Reinforced, Concrete Class VE-III LINFT(METER)</td>
<td>Qual</td>
<td>List</td>
<td>26 DESC2: 19 DESC3: SMALLQTY: .</td>
<td>MATERIAL OWNER: PC</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td>DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, STEEL SIZE &amp; PLACEMENT</td>
<td>SPECIFICATIONS: ART 1042.06 (B)</td>
</tr>
<tr>
<td>47908</td>
<td>Pipe, Elliptical Reinforced, Concrete Class VE-IV LINFT(METER)</td>
<td>Qual</td>
<td>List</td>
<td>26 DESC2: 19 DESC3: SMALLQTY: .</td>
<td>MATERIAL OWNER: PC</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td>DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE &amp; PLACEMENT</td>
<td>SPECIFICATIONS: ART 1042.06 (B)</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

--> MATERIAL: 47909 PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-V LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK-------- :
SPECIFICATIONS: ART 1042.06 (B)
CBM POLICY MEMO 19

--> MATERIAL: 47910 PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-V1 LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK-------- :
SPECIFICATIONS: ART 1042.06 (B)
CBM POLICY MEMO 19

--> MATERIAL: 47911 PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-V SPECIAL LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK-------- :
SPECIFICATIONS: ART 1042.06 (B)
CBM POLICY MEMO 19

--> MATERIAL: 48001 TEE, REINFORCED CONCRETE PIPE EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK-------- :
SPECIFICATIONS: ART 1042.06 (A), HWY STD 542606
CBM POLICY MEMO 19

--> MATERIAL: 48002 ELBOW, REINFORCED CONCRETE PIPE EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK-------- :
SPECIFICATIONS: ART 1042.06 (A), HWY STD 542601
CBM POLICY MEMO 19
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

--- MATERIAL: 48004  WYE, REINFORCED CONCRETE  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 05/15/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMpressive STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK--------:
SPECIFICATIONS:  ART 1042.06 (A)
CBM POLICY MEMO 19

--- MATERIAL: 48006  REDUCER, REINFORCED CONCRETE  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMpressive STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK--------:
SPECIFICATIONS:  ART 1042.06 (A)
CBM POLICY MEMO 19

--- MATERIAL: 48009  TRAP, HALF, REINFORCED CONCRETE  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMpressive STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK--------:
SPECIFICATIONS:  ART 1042.06 (A)
CBM POLICY MEMO 19

--- MATERIAL: 48211  BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 1  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK--------:
SPECIFICATIONS:  ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48212  BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 2  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:
UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE & PLACEMENT,
SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK--------:
SPECIFICATIONS:  ART 540.06, 1042.05
CBM POLICY MEMO 19
<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>MATERIAL OWNER</th>
<th>UPDATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>87</td>
<td>19</td>
<td>11</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>87</td>
<td>19</td>
<td>11</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

--- MATERIAL: 48215 ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273  
TABLE 1 LINFT(METER )

METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48216 ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273  
TABLE 2 LINFT(METER )

METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48218 TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M273  
EA (EA )

METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48231 BOX SECTION, REINFORCED CONCRETE AASHTO M259  
TABLE 1 LINFT(METER )

METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48232 BOX SECTION, REINFORCED CONCRETE AASHTO M259  
TABLE 2 LINFT(METER )

METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
SAMPLE SIZE---: CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)

SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

--- MATERIAL: 48233  BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 3  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:  UPDATED: 05/15/2019
MEASUREMENT---: DIMENSIONS, COMpressive strength, steel size & placement,
SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARC----------: SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48234  ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 1  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:  UPDATED: 05/15/2019
MEASUREMENT---: DIMENSIONS, COMpressive strength, steel size & placement,
SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARC----------: SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48235  ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 2  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:  UPDATED: 05/15/2019
MEASUREMENT---: DIMENSIONS, COMpressive strength, steel size & placement,
SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARC----------: SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48236  ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 3  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:  UPDATED: 05/15/2019
MEASUREMENT---: DIMENSIONS, COMpressive strength, steel size & placement,
SLUMP, AIR, (SCC: SLUMP FLOW, J-RING OR L-BOX)
REMARC----------: SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--- MATERIAL: 48237  TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M259  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:  UPDATED: 05/15/2019
MEASUREMENT---: DIMENSIONS, COMpressive strength, steel size & placement,
SLUMP, AIR, (SCC: SLUMP FLOW, J-RING OR L-BOX)
REMARC----------: SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19
### MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

<table>
<thead>
<tr>
<th>Description</th>
<th>Material Code</th>
<th>Material Type</th>
<th>ASTM/Standard</th>
<th>Measurement</th>
<th>Sample Size</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Remark</th>
<th>Specifications</th>
<th>CBM Policy Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box Section, Reinforced Concrete</td>
<td>48261</td>
<td>48261</td>
<td>ASTM C1577</td>
<td>Dimensions, Compressive Strength, Steel Size &amp; Placement, Slump, Air</td>
<td>13</td>
<td>11</td>
<td>Qual</td>
<td>List</td>
<td></td>
<td></td>
<td>ART 540.06, 1042.05</td>
<td>19</td>
</tr>
<tr>
<td>Elbow, Box Section, Reinforced Concrete</td>
<td>48262</td>
<td>48262</td>
<td>ASTM C1577</td>
<td>Dimensions, Compressive Strength, Steel Size &amp; Placement, Slump, Air</td>
<td>13</td>
<td>11</td>
<td>Qual</td>
<td>List</td>
<td></td>
<td></td>
<td>ART 540.06, 1042.05</td>
<td>19</td>
</tr>
<tr>
<td>Tapered End, Box Section, Reinforced Concrete</td>
<td>48263</td>
<td>48263</td>
<td>ASTM C1577</td>
<td>Dimensions, Compressive Strength, Steel Size &amp; Placement, Slump, Air</td>
<td>13</td>
<td>11</td>
<td>Qual</td>
<td>List</td>
<td></td>
<td></td>
<td>ART 540.06, 1042.05</td>
<td>19</td>
</tr>
<tr>
<td>Box Section, Reinforced Concrete</td>
<td>48264</td>
<td>48264</td>
<td>LRFD</td>
<td>Dimensions, Compressive Strength, Steel Size &amp; Placement, Slump, Air</td>
<td>13</td>
<td>11</td>
<td>Qual</td>
<td>List</td>
<td></td>
<td></td>
<td>ART 540.06, 1042.05</td>
<td>19</td>
</tr>
<tr>
<td>Elbow, Box Section, Reinforced Concrete</td>
<td>48265</td>
<td>48265</td>
<td>LRFD</td>
<td>Dimensions, Compressive Strength, Steel Size &amp; Placement, Slump, Air</td>
<td>13</td>
<td>11</td>
<td>Qual</td>
<td>List</td>
<td></td>
<td></td>
<td>ART 540.06, 1042.05</td>
<td>19</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

--> MATERIAL: 48266 TAPERED END, BOX SECTION, REINFORCED CONCRETE LRFD EA (METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE
SAMPLE SIZE---: CONTAINER1: CONTAINER2: UPDATED: 02/27/2017
MEASUREMENT---: DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE&PLACEMENT, SLUMP, AIR,(SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK------- : SPECIFICATIONS: ART 540.06, 1042.05
CBM POLICY MEMO 19

--> MATERIAL: 48297 TAPERED END, BOX SECTION, REINFORCED CONCRETE, SPECIAL EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE
SAMPLE SIZE---: CONTAINER1: CONTAINER2: UPDATED: 05/15/2019
MEASUREMENT---: DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE&PLACEMENT, SLUMP, AIR,(SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK------- : SPECIFICATIONS: CONTRACT SPEC PROV
CBM POLICY MEMO 19

--> MATERIAL: 48298 ELBOW, BOX SECTION, REINFORCED CONCRETE, SPECIAL LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE
SAMPLE SIZE---: CONTAINER1: CONTAINER2: UPDATED: 05/15/2019
MEASUREMENT---: DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE&PLACEMENT, SLUMP, AIR,(SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK------- : SPECIFICATIONS: CONTRACT SPEC PROV
CBM POLICY MEMO 19

--> MATERIAL: 48299 BOX SECTION, REINFORCED CONCRETE, SPECIAL LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE
SAMPLE SIZE---: CONTAINER1: CONTAINER2: UPDATED: 05/15/2019
MEASUREMENT---: DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE&PLACEMENT, SLUMP, AIR,(SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK------- : SPECIFICATIONS: CONTRACT SPEC PROV
CBM POLICY MEMO 19

--> MATERIAL: 48302 ARCH CULVERT, REINFORCED CONCRETE, CLASS A-II LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE
SAMPLE SIZE---: CONTAINER1: CONTAINER2: UPDATED: 02/27/2017
MEASUREMENT---: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSION STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK------- : SPECIFICATIONS: ART 1042.06 (C)
CBM POLICY MEMO 19
### 1. MATERIAL: 48303 ARCH CULVERT, REINFORCED CONCRETE, CLASS A-III
- **DESC1**: 26
- **DESC2**:  
- **DESC3**:  
- **SMALLQTY**:  
- **METHOD OF ACCEPTANCE**: QUAL
- **EVIDENCE OF INSPECTION**: LIST
- **MATERIAL OWNER**: PC
- **SAMPLE SIZE**:  
- **UPDATED**: 02/27/2017
- **CONTAINER1**:  
- **CONTAINER2**:  
- **MEASUREMENT**: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
- **REMARK**:  
- **SPECIFICATIONS**: ART 1042.06 (C)
- **CBM POLICY MEMO**: 19

### 2. MATERIAL: 48304 ARCH CULVERT, REINFORCED CONCRETE, CLASS A-IV
- **DESC1**: 26
- **DESC2**:  
- **DESC3**:  
- **SMALLQTY**:  
- **METHOD OF ACCEPTANCE**: QUAL
- **EVIDENCE OF INSPECTION**: LIST
- **MATERIAL OWNER**: PC
- **SAMPLE SIZE**:  
- **UPDATED**: 02/27/2017
- **CONTAINER1**:  
- **CONTAINER2**:  
- **MEASUREMENT**: DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
- **REMARK**:  
- **SPECIFICATIONS**: ART 1042.06 (C)
- **CBM POLICY MEMO**: 19

### 3. MATERIAL: 48401 BRIDGE SECTION, TRI-SIDED, REINFORCED CONCRETE
- **DESC1**: 84
- **DESC2**: 7
- **DESC3**:  
- **SMALLQTY**:  
- **METHOD OF ACCEPTANCE**: QUAL AND VIS
- **EVIDENCE OF INSPECTION**: LIST AND ILOK
- **MATERIAL OWNER**: PC
- **SAMPLE SIZE**:  
- **UPDATED**: 05/15/2019
- **CONTAINER1**:  
- **CONTAINER2**:  
- **MEASUREMENT**: DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
- **REMARK**:  
- **SPECIFICATIONS**: GUIDE BRIDGE SPEC PROV FOR THREE SIDED PRECAST CONCRETE STRUCTURE, CBM POLICY MEMO 19
### Material: 49100 Pipe, Culvert, Poly-Vinyl Chloride

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>91</td>
<td>94</td>
<td>100</td>
</tr>
</tbody>
</table>

**Method of Acceptance:** Test

**Evidence of Inspection:** ILOK LA15 Test

**Material Group:** 490 Plastics

**Sample Size:** 1 @ 5' per lot length doesn't include bell

**Sample shall include all markings**

**Container 1:**

**Measurement:** Dim., Wall Thickness, Pipe Stiffness, Flattening

**Remark:** Acceptance sample tested by CBM

**Acceptance Sample Tested by CBM:**

**Acceptance Test Only Good for Current Construction Season**

**Specifications:**

- Art 1040.03
- ASTM F679

---

### Material: 49200 Pipe, Drain, Poly-Vinyl Chloride

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>91</td>
<td>94</td>
<td>100</td>
</tr>
</tbody>
</table>

**Method of Acceptance:** Test

**Evidence of Inspection:** ILOK LA15 Test

**Material Group:** 490 Plastics

**Sample Size:** 1 @ 5' per lot length doesn't include bell

**Sample shall include all markings**

**Container 1:**

**Measurement:** Dim., Wall Thickness, Pipe Stiffness, Flattening

**Remark:** Acceptance sample tested by CBM

**Acceptance Sample Tested by CBM:**

**Acceptance Test Only Good for Current Construction Season**

**Specifications:**

- Art 1040.03
- AASHTO M 278

---

### Material: 49201 Pipe, Storm Sewer, Poly-Vinyl Chloride

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>91</td>
<td>94</td>
<td>100</td>
</tr>
</tbody>
</table>

**Method of Acceptance:** Test

**Evidence of Inspection:** ILOK LA15 Test

**Material Group:** 490 Plastics

**Sample Size:** 1 @ 5' per lot length doesn't include bell

**Sample shall include all markings**

**Container 1:**

**Measurement:** Dim., Wall Thickness, Pipe Stiffness, Flattening

**Remark:** Acceptance sample tested by CBM

**Acceptance Sample Tested by CBM:**

**Acceptance Test Only Good for Current Construction Season**

**Specifications:**

- Art 1040.03
- AASHTO M 278
- ASTM F679

---

### Material: 49202 Pipe, Water Main, Poly-Vinyl Chloride

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>91</td>
<td>94</td>
<td>100</td>
</tr>
</tbody>
</table>

**Method of Acceptance:** Test

**Evidence of Inspection:** ILOK LA15 Test

**Material Group:** 490 Plastics

**Sample Size:** 1 @ 5' per lot length doesn't include bell

**Sample shall include all markings**

**Container 1:**

**Measurement:** Dim., Wall Thickness, Flattening

**Remark:** Acceptance sample tested by CBM

**Acceptance Sample Tested by CBM:**

**Acceptance Test Only Good for Current Construction Season**

**Specifications:**

- Spec Prov & Contract Plans, AWWA C900
# Manual for Materials Inspection - Part 2

**Material Group:** 490 Plastics

<table>
<thead>
<tr>
<th>Material</th>
<th>Type</th>
<th>Description</th>
<th>Code</th>
<th>Small Qty</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>49203</td>
<td>Pipe</td>
<td>Underdrain, Poly-Vinyl Chloride</td>
<td>LINFT (METER)</td>
<td>100</td>
<td>METHOD OF ACCEPTANCE: TEST EVIDENCE OF INSPECTION: ILOK LA15 TEST MATERIAL OWNER: MT SAMPLE SIZE: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL SAMPLE SHALL INCLUDE ALL MARKINGS UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>49204</td>
<td>Coupling</td>
<td>Pipe Poly-Vinyl Chloride</td>
<td>LINFT (METER)</td>
<td>.</td>
<td>METHOD OF ACCEPTANCE: VIS EVIDENCE OF INSPECTION: VIS MATERIAL OWNER: MT SAMPLE SIZE: FIELD INSPECTION UPDATED: 04/10/2008</td>
</tr>
<tr>
<td>49208</td>
<td>Tee</td>
<td>Poly-Vinyl Chloride Pipe</td>
<td>EA (EA)</td>
<td>.</td>
<td>METHOD OF ACCEPTANCE: VIS EVIDENCE OF INSPECTION: VIS MATERIAL OWNER: MT SAMPLE SIZE: FIELD INSPECTION UPDATED: 04/10/2008</td>
</tr>
<tr>
<td>49211</td>
<td>Pipe, Sanitary Sewer</td>
<td>Polv-Vinyl Chloride</td>
<td>LINFT (METER)</td>
<td>100</td>
<td>METHOD OF ACCEPTANCE: TEST EVIDENCE OF INSPECTION: ILOK LA15 TEST MATERIAL OWNER: MT SAMPLE SIZE: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL SAMPLE SHALL INCLUDE ALL MARKINGS UPDATED: 03/05/2019</td>
</tr>
</tbody>
</table>

---

**Specifications:**
- ART 1040.03, AASHTO M 278
- ASTM D3034

---
<table>
<thead>
<tr>
<th>MATERIAL: 49214</th>
<th>PIPE, STORM SEWER (TRUSS) POLY-VINYL CHLORIDE ASTM D 2680</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE:---: TEST</td>
<td>EVIDENCE OF INSPECTION:---: TEST LA15 ILOK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:---: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---: DIM., WORKMANSHIP</td>
<td>FLATTENING, STIFFNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK:---------: VIS INSPI AT SUPPLIER OR DESTINATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV, ASTM D2680</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49216</th>
<th>PIPE, STORM SEWER, PVC, PROFILE WALL (ASTM F794)</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 13X11</td>
<td>DESC2: 19</td>
<td>DESC3: 93</td>
</tr>
<tr>
<td>SMALLQTY: 100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:---: TEST</td>
<td>EVIDENCE OF INSPECTION:---: TEST ILOK LA15 TEST</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:---: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL</td>
<td>UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---: DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV, ASTM F794</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49217</th>
<th>PIPE, CULVERT, PVC, PROFILE WALL (ASTM F794)</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 93</td>
<td>DESC3: SMALLQTY: 100</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:---: TEST</td>
<td>EVIDENCE OF INSPECTION:---: TEST ILOK LA15 TEST</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:---: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL</td>
<td>UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---: DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV, ASTM F794</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49221</th>
<th>PIPE, DRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 93</td>
<td>DESC3: SMALLQTY: 100</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:---: TEST</td>
<td>EVIDENCE OF INSPECTION:---: TEST ILOK LA15 TEST</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:---: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL</td>
<td>UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---: DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV, ASTM F949</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>DESCRIPTION</td>
<td>alement</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td>---------</td>
</tr>
<tr>
<td>49222</td>
<td>PIPE, UNDERDRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)</td>
<td>14</td>
</tr>
<tr>
<td>49222</td>
<td>PIPE, STORM SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)</td>
<td>14</td>
</tr>
<tr>
<td>49225</td>
<td>PIPE, CULVERT, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)</td>
<td>14</td>
</tr>
<tr>
<td>49241</td>
<td>PIPE, STORM SEWER, PVC (AWWA C900)</td>
<td>14</td>
</tr>
</tbody>
</table>
SPECIFICATIONS:
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE

--- MATERIAL: 49242 PIPE, SANITARY SEWER, PVC (AWWA C900) LINTFT(METER )
DESC1: 14 DESC2: 91 DESC3: 94 SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- ILOK LA15 TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL UPDATED: 03/05/2019
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM, WALL THICKNESS, FLATTENING
REMARK--------- : ACCEPTANCE SAMPLE TESTED BY CBM
SPECIFICATIONS: STD SPEC SEC 561-563-CONTRACT SPEC PROV, STD SPEC FOR WATER SEWER MAIN CONST IN IL-AWWA C900

--- MATERIAL: 49243 PIPE, WATER MAIN, PVC (AWWA C900) LINTFT(METER )
DESC1: 14 DESC2: 91 DESC3: 94 SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- ILOK LA15 TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL UPDATED: 03/05/2019
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM, WALL THICKNESS, FLATTENING
REMARK--------- : ACCEPTANCE SAMPLE TESTED BY CBM
SPECIFICATIONS: STD SPEC SEC 561-563-CONTRACT SPEC PROV, STD SPEC FOR WATER SEWER MAIN CONST IN IL-AWWA C900

--- MATERIAL: 49244 PIPE, HIGH PRESSURE POLYETHYLENE, (AWWA C906) LINTFT(METER )
DESC1: 14 DESC2: 92 DESC3: SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- ILOK LA15 TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 5' PER LOT UPDATED: 03/05/2019
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM, WALL THICKNESS, RING TENSILE STRENGTH
REMARK--------- : ACCEPTANCE SAMPLE TESTED BY CBM
SPECIFICATIONS: STD SPEC SEC 561-563-CONTRACT SPEC PROV, STD SPEC FOR WATER SEWER MAIN CONST IN IL-AWWA C901-C906

--- MATERIAL: 49300 TUBING, DRAINAGE, PERFORATED, CORRUGATED POLYETHYLENE LINTFT(METER )
DESC1: 14 DESC2: SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION:- ILOK LA15 TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 PC @ 5' PER 50K LINFT UPDATED: 03/05/2019
OR TRUCK LOAD; SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2:
MEASUREMENT---: PIPE STIFFNESS, FLATTENING
REMARK--------- : PRODUCER SHALL BE NTPEP COMPLIANT FOR M252, M294 PIPE
ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294, ASTM D3350
### MATERIAL: 49301 TUBING, DRAINAGE, CORRUGATED POLYETHYLENE

<table>
<thead>
<tr>
<th>DESC1: 14</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: IF 24&quot; - 2 PCS @ 5' PER LOT; ALL OTHER 1 PC @ 5' PER LOT UPDATED: 03/05/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: PIPE STIFFNESS, FLATTENING</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: PRODUCER SHALL BE NTPEP COMPLIANT FOR M252, M294 PIPE ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294, ASTM D3350</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 49302 FITTING, TUBING DRAINAGE, POLYETHYLENE CORRUGATED

<table>
<thead>
<tr>
<th>DESC1: 14</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: VIS</td>
<td>EVIDENCE OF INSPECTION: VIS</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION; SAMPLE SHALL INCLUDE ALL MARKINGS UPDATED: 03/05/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM, WORKMANSHIP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294, ASTM D3350</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 49304 PIPE, STORM SEWER, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR

<table>
<thead>
<tr>
<th>DESC1: 14</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: IF 24&quot; - 2 PCS @ 5' PER LOT; ALL OTHER 1 PC @ 5' PER LOT UPDATED: 12/01/2020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: PIPE STIFFNESS, FLATTENING</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: PRODUCER SHALL BE NTPEP COMPLIANT FOR M 252, M 294 PIPE ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294, ASTM D3350, ASTM F894, SPEC PROV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROD MUST BE ON BBS LIST FOR PREQUAL CORRUGATED PLASTIC</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 49305 PIPE, CULVERT, CORRUGATED POLYETHYLENE

<table>
<thead>
<tr>
<th>DESC1: 14</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: IF 24&quot; - 2 PCS @ 5' PER LOT; ALL OTHER 1 PC @ 5' PER LOT UPDATED: 03/05/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: PIPE STIFFNESS, FLATTENING</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: PRODUCER SHALL BE NTPEP COMPLIANT FOR M 252, M 294 PIPE ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294, ASTM D3350</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 49306 PIPE, CULVERT, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR

<table>
<thead>
<tr>
<th>DESC1: 14</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: LA15 ILOK TEST</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: IF 24&quot;: 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER L UPDATED: 12/01/2020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: PIPE STIFFNESS, FLATTENING</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: PRODUCER SHALL BE NTPEP COMPLIANT FOR M 252, M 294 PIPE ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252 OR M 294</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROD MUST BE ON BBS LIST FOR PREQUAL CORRUGATED PLASTIC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC1</td>
<td>DESC2</td>
<td>DESC3</td>
<td>SMALLQTY</td>
</tr>
<tr>
<td>-------</td>
<td>-------</td>
<td>-------</td>
<td>----------</td>
</tr>
<tr>
<td>49307</td>
<td>14</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>49308</td>
<td>14</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>49309</td>
<td>14</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>49311</td>
<td>14</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>49312</td>
<td>14</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>MATERIAL: PIPE, DRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: TEST</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: IF 24&quot;: 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER LOT</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
</tr>
<tr>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---: PIPE STIFFNESS, FLATTENING</td>
</tr>
<tr>
<td>REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT FOR M252, M294 PIPE</td>
</tr>
<tr>
<td>ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON</td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252 OR M 294</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: PIPE, UNDERDRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: TEST</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: IF 24&quot;: 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER LOT</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
</tr>
<tr>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---: PIPE STIFFNESS, FLATTENING</td>
</tr>
<tr>
<td>REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT FOR M252, M294 PIPE</td>
</tr>
<tr>
<td>ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON</td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252 OR M 294</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: PIPE, CULVERT, POLYETHYLENE, SMOOTH INTERIOR (ASTM F714)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 Ø 5' PER LOT</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
</tr>
<tr>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---: MARKINGS, WALL THICKNESS</td>
</tr>
<tr>
<td>REMARK--------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON</td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, ASTM F714</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: PIPE, DRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SMOOTH INT LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: IF 24&quot;&quot;: 2 PCS @ 5' PER LOT; ALL OTHER 1 PC @ 5' PER LOT</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
</tr>
<tr>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---: PIPE STIFFNESS, FLATTENING</td>
</tr>
<tr>
<td>REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT</td>
</tr>
<tr>
<td>ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON</td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: PIPE, UNDERDRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SMOOTH INT LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 PC @ 5' PER LOT</td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
</tr>
<tr>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---: PIPE STIFFNESS, FLATTENING</td>
</tr>
<tr>
<td>REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT</td>
</tr>
<tr>
<td>ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON</td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294</td>
</tr>
</tbody>
</table>
### MATERIAL: 49313 PIPE, UNDERDRAIN, PERFORATED, CORRUGATED POLYETHYLENE

**DESC1**: 14  
**DESC2**:  
**DESC3**:  
**SMALLQTY**: 100  
**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: ILOK LA15 TEST  
**SAMPLE SIZE**: 1 PC @ 5' PER LOT OR TRUCK LOAD  
**CONTAINER1**:  
**CONTAINER2**:  
**MEASUREMENT**: PIPE STIFFNESS, FLATTENING  
**REMARK**: PRODUCER SHALL BE NTPEP COMPLIANT  
**SPECIFICATIONS**: ART 1040.04, AASHTO M 252  
**UPDATED**: 08/05/2020  
**MATERIAL OWNER**: MT

### MATERIAL: 49513 STEP, MANHOLE

**DESC1**:  
**DESC2**:  
**DESC3**:  
**SMALLQTY**: .  
**METHOD OF ACCEPTANCE**: CERT  
**EVIDENCE OF INSPECTION**: CERT LA15  
**SAMPLE SIZE**: 5 STEPS  
**CONTAINER1**:  
**CONTAINER2**:  
**MEASUREMENT**: DIM., IMPACT RESISTANCE, IDENTIFICATION LETTERS  
**REMARK**: FIRST SAMPLE FROM NEW PRODUCER TESTED, ONE TEST SAMPLE TAKEN BY CBM ANNUALLY, DOMESTIC STEEL ACT APPLIES  
**SPECIFICATIONS**: ART 602.08  
**UPDATED**: 02/27/2017  
**MATERIAL OWNER**: MT

### MATERIAL: 49601 PIPE, WATER, PLASTIC

**DESC1**: 14  
**DESC2**: 91  
**DESC3**: 94  
**SMALLQTY**: 100  
**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: ILOK LA15 TEST  
**SAMPLE SIZE**: 1 @ 5' PER LOT LENGTH DOESN'T INCLUDE BELL  
**CONTAINER1**:  
**CONTAINER2**:  
**MEASUREMENT**: CONFORM TO PLANS OR SPEC PROV  
**REMARK**: ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON  
**SPECIFICATIONS**: SEC 562  
**UPDATED**: 05/31/2021  
**MATERIAL OWNER**: MT

### MATERIAL: 49610 PIPE, THERMOSETTING RESIN, FILAMENT WOUND-D2996

**DESC1**: 14  
**DESC2**:  
**DESC3**:  
**SMALLQTY**: .  
**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: ILOK LA15 TEST  
**SAMPLE SIZE**: 1 @ 6' PER 2,000 LIN. FT.  
**CONTAINER1**:  
**CONTAINER2**:  
**MEASUREMENT**: DIM., PIPE STIFFNESS, PIPE MARKINGS  
**REMARK**: ACCEPTANCE SAMPLE TESTED BY CBM  
**SPECIFICATIONS**: ASTM D2996, SPEC PROV & CONTRACT PLANS  
**UPDATED**: 05/31/2021  
**MATERIAL OWNER**: MT

### MATERIAL: 49611 PIPE, REINFORCED PLASTIC MORTAR (RPM)

**DESC1**: 14  
**DESC2**:  
**DESC3**:  
**SMALLQTY**: .  
**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: ILOK LA15 TEST  
**SAMPLE SIZE**: 1 @ 5' PER PROJECT  
**CONTAINER1**:  
**CONTAINER2**:  
**MEASUREMENT**: DIM., WALL THICKNESS, PIPE STIFFNESS  
**REMARK**: ACCEPTANCE SAMPLE TESTED BY CBM  
**SPECIFICATIONS**: ART 1040.05  
**UPDATED**: 02/27/2017  
**MATERIAL OWNER**: MT
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 490 PLASTICS

--> MATERIAL: 49612   PIPE, LINER POLYETHYLENE (ASTM-F714)  LINFT(METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: ILOK LA15 TEST           MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 5' PER LOT                      UPDATED: 02/27/2017
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1:        CONTAINER2: 
MEASUREMENT---: DIM, WALL THICKNESS,
REMARK--------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS:   ART 1040.04, ASTM F714

--> MATERIAL: 49615   PIPE, LINER PROFILE POLYETHYLENE (ASTM F894)  LINFT(METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: ILOK LA15 TEST           MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 5' PER LOT                      UPDATED: 02/20/2020
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1:        CONTAINER2: 
MEASUREMENT---: DIM, WALL THICKNESS, FLATTENING
REMARK--------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS:   ART 1040.04, ASTM F894

--> MATERIAL: 49616   PIPE, LINER, CURED IN PLACE (ASTM F1216)  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15                  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION                   UPDATED: 02/27/2017
CONTAINER1:        CONTAINER2: 
MEASUREMENT---: WORKMANSHIP
REMARK--------: INSTALLATION TO MEET MFGR RQMTS & ASTM F1216
SPECIFICATIONS:   SPEC PROV, ASTM F1216

--> MATERIAL: 49618   DRAIN, SLOTTED, POLYMER PRECAST   LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15                  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION                   UPDATED: 02/27/2017
CONTAINER1:        CONTAINER2: 
MEASUREMENT---: WORKMANSHIP
REMARK--------: 
SPECIFICATIONS:   CONTRACT SPEC PROV

--> MATERIAL: 49619   PIPE LINER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)  LINFT(METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: ILOK LA15 TEST           MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 5' PER LOT                      UPDATED: 03/05/2019
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1:        CONTAINER2: 
MEASUREMENT---: DIM., WALL THICKNESS, PIPE STIFFNESS
REMARK--------: ACCEPTANCE SAMPLE TESTED BY CBM ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS:   ART 1040.03, ASTM F949
<table>
<thead>
<tr>
<th>MATERIAL: 49650</th>
<th>DRAIN, VERTICAL WICK</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>02/27/2017</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>WORKMANSHIP</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>CONTRACT SPEC PROV</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49653</th>
<th>GEOCOMPOSITE WALL DRAIN</th>
<th>SQYD (SQM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>13 DESC2: 13 DESC3:</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 @ 3' FULL WIDTH OF ROLL</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DEFLECTION UNDER LOAD</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1040.07</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49654</th>
<th>DRAIN, HORIZONTAL STRIP</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2: 70 DESC3:</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>06/11/2012</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>CONTRACT SPEC PROV</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49800</th>
<th>FABRIC, WOVEN, POLYPROPYLENE</th>
<th>SQYD (SQM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>69 DESC2: 70 DESC3:</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>3' X WIDTH OF ROLL EACH 20,000 SQYD</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>GRAB STRENGTH &amp; ELONGATION</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>PRODUCT DATA SHEET MAY BE USED AS CERT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1080, SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49801</th>
<th>FABRIC, NONWOVEN, POLYPROPYLENE</th>
<th>SQYD (SQM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>69 DESC2: 70 DESC3:</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>3' X WIDTH OF ROLL EACH 20,000 SQYD</td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>GRAB STRENGTH &amp; ELONGATION</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>PRODUCT DATA SHEET MAY BE USED AS CERT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1080, ART 1062.01, SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>
--- MATERIAL: 49803 TEFLOW SHEET SQFT (Sqm)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION:-- MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 @ 12" X 12"
  CONTAINER1: CONTAINER2: MEASUREMENT---: HARDNESS, TENS. STRENGTH, ELONGATION
  REMARK--------: ACCEPTANCE SAMPLE TESTED BY CBM
  LAB USE ONLY
  SPECIFICATIONS: ART 1083.02

--- MATERIAL: 49806 PIPE, SANITARY SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INT LINFT(METER)
  DESC1: 14 DESC2: 14 DESC3: 19 SMALLQTY: 100
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION:-- MATERIAL OWNER: MT
  SAMPLE SIZE---: IF 24": 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER UPDATED: 03/05/2019 LUPEDATED: 03/05/2019 SAMPLE SHALL INCLUDE ALL MARKINGS
  CONTAINER1: CONTAINER2: MEASUREMENT---: DIM. WALL THICKNESS, PIPE STIFFNESS, FLATTENING
  REMARK--------: ACC TEST GOOD ONLY FOR CURRENT CONSTRUCTION SEASON SPECIFICATIONS: SPEC PROV, ART 1040.08, AASHTO M 330, ASTM F3264

--- MATERIAL: 49807 PIPE, STORM SEWER, CORRUGATED POLYPROPYLENE, SMOOTH LINFT(METER)
  DESC1: 14 DESC2: 14 DESC3: 19 SMALLQTY: 100
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION:-- MATERIAL OWNER: MT
  SAMPLE SIZE---: IF 24": 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER UPDATED: 03/05/2019 LUPEDATED: 03/05/2019 SAMPLE SHALL INCLUDE ALL MARKINGS
  CONTAINER1: CONTAINER2: MEASUREMENT---: PIPE STIFFNESS, FLATTENING
  REMARK--------: ACC TEST GOOD ONLY FOR CURRENT CONSTRUCTION SEASON SPECIFICATIONS: SPEC PROV, ART 1040.08, AASHTO M 330, ASTM F3269

--- MATERIAL: 49808 PIPE, STORM SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INTERIOR LINFT(METER)
  DESC1: 14 DESC2: 14 DESC3: 19 SMALLQTY: 100
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION:-- MATERIAL OWNER: MT
  SAMPLE SIZE---: IF 24": 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER UPDATED: 12/01/2020 LUPEDATED: 12/01/2020 SAMPLE SHALL INCLUDE ALL MARKINGS
  CONTAINER1: CONTAINER2: MEASUREMENT---: PIPE STIFFNESS, FLATTENING
  REMARK--------: PROD MUST BE ON BBS LIST FOR PREQUAL CORRUGATD PLASTIC PIPE ACC TEST GOOD ONLY FOR CURRENT CONSTRUCTION SEASON SPECIFICATIONS: SPEC PROV, ART 1040.08, AASHTO M 330, ASTM F2881

--- MATERIAL: 49809 PIPE, CULVERT, CORRUGATED POLYPROPYLENE, SMOOTH INTERIOR LINFT(METER)
  DESC1: 14 DESC2: 14 DESC3: 19 SMALLQTY: 100
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION:-- MATERIAL OWNER: MT
  SAMPLE SIZE---: IF 24": 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER UPDATED: 12/01/2020 LUPEDATED: 12/01/2020 SAMPLE SHALL INCLUDE ALL MARKINGS
  CONTAINER1: CONTAINER2: MEASUREMENT---: PIPE STIFFNESS, FLATTENING
  REMARK--------: PROD MUST BE ON BBS LIST FOR PREQUAL CORRUGATD PLASTIC PIPE ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON SPECIFICATIONS: SPEC PROV, ART 1040.08, AASHTO M 330, ASTM F2881
<table>
<thead>
<tr>
<th>MATERIAL: 49811</th>
<th>FABRIC, NON-WOVEN POLYESTER SQYD (SQM )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 3' X WIDTH OF ROLL EACH 20,000 SQYD</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: GRAB STRENGTH &amp; ELONGATION</td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : PRODUCT DATA SHEET MAY BE USED AS CERT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1080, SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49812</th>
<th>FABRIC, WOVEN POLYESTER SQYD (SQM )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 3' X WIDTH OF ROLL EACH 20,000 SQYD</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: GRAB STRENGTH &amp; ELONGATION</td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : PRODUCT DATA SHEET MAY BE USED AS CERT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1080, SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49813</th>
<th>FABRIC, KNITTED POLYESTER SQYD (SQM )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 PIECE ON PIPE @ 36&quot;</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: WEIGHT, LENGTH, WIDTH</td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : PRODUCT DATA SHEET MAY BE USED AS CERT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1080, SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49814</th>
<th>FABRIC, NON-WOVEN, HIGH DENSITY POLYETHYLENE SQYD (SQM )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 3' X WIDTH OF ROLL EACH 20,000 SQYD</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: GRAB STRENGTH &amp; ELONGATION</td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : PRODUCT DATA SHEET MAY BE USED AS CERT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SEC 1080, SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 49820</th>
<th>FABRIC ENVELOPE LINFT(METER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: TEST LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 PC @ 48&quot; X WIDTH OF ROLL</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: GRAB STRENGTH &amp; ELONGATION</td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : ACCEPTANCE SAMPLE TESTED BY CBM</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1080, SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>
### Material: 49821 Fabric, SilT Fence
- **Desc1:** FABRIC
- **Desc2:** SILT FENCE
- **Desc3:** LINFT(METER)
- **SmallQTY:** 400
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** 6' X WIDTH OF ROLL EACH 20,000 SQYD
- **Material Owner:** MT
- **Updated:** 03/05/2019
- **Remarks:** IF STRENGTH CAN'T BE VERIFIED, THEN SUBMIT SAMPLE TO CBM.
- **Specifications:** ART 1080.02

### Material: 49830 Pipe Encasement, Polyethylene
- **Desc1:** PIPE
- **Desc2:** ENCASEMENT, POLYETHYLENE
- **Desc3:** SQYD
- **SmallQTY:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** 3' X WIDTH OF ROLL
- **Material Owner:** MT
- **Updated:** 10/25/2019
- **Remarks:**
- **Specifications:** CONTRACT SPEC PROV, ANSI AWWA C105-A21.5

### Material: 49831 Geotechnical Reinforcement, Geogrid
- **Desc1:** GEOTECHNICAL REINFORCEMENT
- **Desc2:** GEOGRID
- **Desc3:** SQYD
- **SmallQTY:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** FIELD INSPECTION
- **Material Owner:** MT
- **Updated:** 02/27/2017
- **Remarks:**
- **Specifications:** SPEC PROV & CONTRACT PLANS

### Material: 49832 Cellular Confinement System, Perforated, Polyethylene
- **Desc1:** CELLULAR CONFINEMENT SYSTEM
- **Desc2:** PERFORATED, POLYETHYLENE
- **Desc3:** SQYD
- **SmallQTY:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** FIELD INSPECTION
- **Material Owner:** MT
- **Updated:** 02/27/2017
- **Remarks:**
- **Specifications:** SPEC PROV & CONTRACT PLANS

### Material: 49900 Drains, Deck, ThermoSetting Resin
- **Desc1:** DRAINS, DECK
- **Desc2:** THERMOSETTING RESIN
- **Desc3:** EA
- **SmallQTY:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT
- **Sample Size:** FIELD INSPECTION
- **Material Owner:** MT
- **Updated:** 02/27/2017
- **Remarks:**
- **Specifications:** BRIDGE MANUAL, ASTM D2996
<table>
<thead>
<tr>
<th>MATERIAL: 50201</th>
<th>PIPE, SEWER STANDARD STRENGTH CLAY</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>REMARK:</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1040.02, ASTM C 700, SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 50202</th>
<th>PIPE, SEWER EXTRA STRENGTH CLAY</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>REMARK:</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1040.02, ASTM C 700, SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL GROUP: 510 CAST IRON PIPE

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Description</th>
<th>Sampling Method</th>
<th>Acceptance Method</th>
<th>Inspection Cert</th>
<th>Material Owner</th>
<th>Updated Date</th>
<th>Special Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>51101</td>
<td>PIPE, DUCTILE IRON, UNLINED, BELL &amp; SPIGOT</td>
<td>FIELD INSPECTION</td>
<td>CERT LA15</td>
<td>MATERIAL: MT</td>
<td>05/15/2019</td>
<td>SPECIFICATIONS: ART 1006.19, 1006.20 OR SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
<tr>
<td>51102</td>
<td>PIPE, DUCTILE IRON, UNLINED, MECH. JOINT</td>
<td>FIELD INSPECTION</td>
<td>CERT LA15</td>
<td>MATERIAL: MT</td>
<td>03/05/2019</td>
<td>SPECIFICATIONS: ART 1006.19, 1006.20 OR SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
<tr>
<td>51103</td>
<td>PIPE, DUCTILE IRON, BIT. LINED, BELL &amp; SPIGOT</td>
<td>FIELD INSPECTION</td>
<td>CERT LA15</td>
<td>MATERIAL: MT</td>
<td>03/05/2019</td>
<td>SPECIFICATIONS: ART 1006.19, 1006.20 OR SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
<tr>
<td>51104</td>
<td>PIPE, DUCTILE IRON, BIT. LINED, MECH. JOINT</td>
<td>FIELD INSPECTION</td>
<td>CERT LA15</td>
<td>MATERIAL: MT</td>
<td>03/05/2019</td>
<td>SPECIFICATIONS: ART 1006.19, 1006.20 OR SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
<tr>
<td>51105</td>
<td>PIPE, DUCTILE IRON, CEMENT LINED, BELL &amp; SPIGOT</td>
<td>FIELD INSPECTION</td>
<td>CERT LA15</td>
<td>MATERIAL: MT</td>
<td>03/05/2019</td>
<td>SPECIFICATIONS: ART 1006.19, 1006.20 OR SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL GROUP: 510 CAST IRON PIPE

<table>
<thead>
<tr>
<th>MATERIAL: 51106</th>
<th>PIPE, DUCTILE IRON, CEMENT LINED, MECH. JOINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 19</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., MARKINGS, COATING THICKNESS, LINING THICKNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.19, 1006.20 OR SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51301</th>
<th>FITTING, T, CAST IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/10/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., MARKINGS, COATING THICKNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.19, 1006.20 OR SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51305</th>
<th>FITTING, REDUCER, CAST IRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/10/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., MARKINGS, COATING THICKNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.19, 1006.20 OR SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51306</th>
<th>CAPS, JOINT MECHANICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/10/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51307</th>
<th>PLUG, JOINT MECHANICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/10/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
<tr>
<td>MATERIAL: 51308</td>
<td>GLAND, JOINT MECHANICAL</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/10/2008</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
</tr>
<tr>
<td>REMARK---------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51309</th>
<th>WYE BRANCH, JOINT MECHANICAL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 82 DESC3: 56 SMALLQTY:</td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 05/15/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK---------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51310</th>
<th>CROSS, JOINT MECHANICAL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/10/2008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK---------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51311</th>
<th>SLEEVE, JOINT MECHANICAL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/10/2008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK---------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51312</th>
<th>OFFSET, JOINT MECHANICAL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/10/2008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK---------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
--- MATERIAL: 51313 COUPLING, CAST IRON PIPE
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 05/15/2019
CONTAINER1: CONTAINER2:
MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 51314 FITTING, ELBOW
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 12/20/2018
CONTAINER1: CONTAINER2:
MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 51401 TAP VALVE AND SLEEVE
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., MARKINGS, COATING THICKNESS
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.19, 1006.20, SPEC PROV & CONTRACT PLANS

--- MATERIAL: 51501 WATER VALVE
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., MARKINGS, COATING THICKNESS
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.19, 1006.20, SPEC PROV & CONTRACT PLANS

--- MATERIAL: 51601 VALVE BOX
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., MARKINGS, COATING THICKNESS
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.19, 1006.20, SPEC PROV & CONTRACT PLANS
--- MATERIAL: 52101 SHEET, ALUMINUM (FL, C OR CORR. CUT LENGTHS) N/A (N/A )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---:
MATERIAL OWNER: MT
SAMPLE SIZE---: 12" X 12" STRIP PER 2,000 LIN. FT. FOR EACH GAGE UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., TENS. STRTH., YIELD STRTH., ELONGATION
REMARK---------: LAB USE ONLY
SPECIFICATIONS: ART 1006.03, AASHTO M 197

--- MATERIAL: 52201 PIPE, CIRC, CIRCUM CORR. AL. ALLOY LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 12/05/2016
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., CORRUG. DPTH & PITCH, RIVET SIZE & SPACING
REMARK---------: PROCESS CONTROL ACCORDING TO AASHTO
SPECIFICATIONS: ART 1006.03, AASHTO M196

--- MATERIAL: 52203 PIPE, CIRC, HELI CORR, AL. ALLOY LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., CORRUG. PITCH & DEPTH, LOCK SEAM TIGHTNESS
REMARK---------: PROCESS CONTROL ACCORDING TO AASHTO
SPECIFICATIONS: ART 1006.03, AASHTO M 196

--- MATERIAL: 52501 END SECTIONS, CIRCULAR, ALUM EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WORKMANSHIP
REMARK---------:
SPECIFICATIONS: ART 542.07 (C), AASHTO M 196, HWY STD

--- MATERIAL: 52701 BAND, CORR. ALUMINUM, CONNECTORS EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WORKMANSHIP
REMARK---------:
SPECIFICATIONS: ART 1006.03, AASHTO M 196
MATERIAL GROUP: 520 CORRUGATED ALUMINUM PIPE

---> MATERIAL: 52801 BOX CULVERT, ALUMINUM LINFT( METER )
DESC1: 19 DESC2: 26 DESC3: SMALLQTY: 1

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15

MATERIAL OWNER: MT

SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 02/27/2017

CONTAINER1: CONTAINER2:

MEASUREMENT---: DIM., WORKMANSHIP
REMARK--------:

SPECIFICATIONS: SPEC PROV, AASHTO M 219, ALLOY 5052-H141
--- MATERIAL: 54101 RAILING, ALUMINUM ELLIPTICAL PIPE (SINGLE RAIL OR TYPE L) LINFT(METER)
METHOD OF ACCEPTANCE---: CERT EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., WORKMANSHIP
REMARK------: 
SPECIFICATIONS: ART 1006.30, ASTM B221

--- MATERIAL: 54102 RAILING, ALUMINUM CIRCULAR TOP RAIL TYPE L LINFT(METER)
METHOD OF ACCEPTANCE---: CERT EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., WORKMANSHIP
REMARK------: 
SPECIFICATIONS: ART 1006.30, ASTM B221

--- MATERIAL: 54105 RAILING, GALV. STRUCTURAL STEEL TUBING LINFT(METER)
METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION---: CBM MATERIAL OWNER: MT
SAMPLE SIZE---: SEE SAMPLING PROTOCOL FOUND IN PART 1, APPENDIX C1 UPDATED: 03/05/2019
CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., YIELD & TENS. STRTH., ELONGATION, CHARPY THICKNESS OF COATING
REMARK------: DOMESTIC STEEL ACT APPLIES,
SPECIFICATIONS: ART 1006.34, ASTM A500/500M GR B(C), AASHTO M 111

--- MATERIAL: 54107 RAILING, PAINTED, STRUCTURAL STEEL TUBING LINFT(METER)
METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION---: CBM MATERIAL OWNER: MT
SAMPLE SIZE---: SEE SAMPLING PROTOCOL FOUND IN PART 1, APPENDIX C1 UPDATED: 03/05/2019
CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., YIELD & TENS. STRTH., ELONG., CHARPY FIELD TEST - COATING THICKNESS
REMARK------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.34, 1008, ASTM A500/500M GR B(C)

--- MATERIAL: 54110 RAILING, SIDEWALK, ALUMINUM LINFT(METER)
METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION---: LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 2" X 18" FOR EACH HEAT UPDATED: 03/03/2009
CONTAINER1: CONTAINER2: MEASUREMENT---: MECHANICAL TESTS PER APPLICABLE SPEC.
REMARK------: 
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS
<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>54111</td>
<td>Railing, Structural Steel Tubing</td>
<td>Test</td>
<td>CBM</td>
<td>See sampling protocol found in Part 1, Appendix C1</td>
<td>MT</td>
<td>Updated: 03/05/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54112</td>
<td>Railing, Aluminum, Extruded Alloy</td>
<td>CERT</td>
<td>CEM</td>
<td>1 @ 2&quot; x 18&quot; for each heat</td>
<td>MT</td>
<td>Updated: 03/05/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54114</td>
<td>Railing, Aluminum, Anodized</td>
<td>CERT</td>
<td>CEM</td>
<td>1 @ 2&quot; x 18&quot; for each heat</td>
<td>MT</td>
<td>Updated: 02/19/2009</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54115</td>
<td>Railing, Stainless Steel Tubing</td>
<td>CERT</td>
<td>CEM</td>
<td>1 @ 2' for each heat</td>
<td>MT</td>
<td>Updated: 03/05/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54204</td>
<td>Post, Railing, Galv. Steel I Beam (Type N,S,&amp;T)</td>
<td>CERT</td>
<td>CEM</td>
<td>1 @ 12&quot; long</td>
<td>MT</td>
<td>Updated: 12/30/2015</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
-- MATERIAL: 54301 ANCHOR DEVICE, RAILING, TYPES N&S
  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 04/10/2008
  CONTAINER1:  CONTAINER2:  
  MEASUREMENT---: DIM., PROPER COMPONENTS
  REMARK--------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: CONTRACT PLANS

-- MATERIAL: 54302 ANCHOR DEVICE, RAILING, TYPE T (TOP)
  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 04/10/2008
  CONTAINER1:  CONTAINER2:  
  MEASUREMENT---: DIM., PROPER COMPONENTS
  REMARK--------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: CONTRACT PLANS

-- MATERIAL: 54303 ANCHOR DEVICE, RAILING, TYPE T (BOTTOM)
  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 04/10/2008
  CONTAINER1:  CONTAINER2:  
  MEASUREMENT---: DIM., PROPER COMPONENTS
  REMARK--------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: CONTRACT PLANS

-- MATERIAL: 54305 ACCESSORIES, BRIDGE RAILING
  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 12/30/2015
  CONTAINER1:  CONTAINER2:  
  MEASUREMENT---:  
  REMARK--------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: CONTRACT PLANS

-- MATERIAL: 54306 END SECTION, CURLED
  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15 ILOK
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 04/10/2008
  CONTAINER1:  CONTAINER2:  
  MEASUREMENT---: DIM., GALVANIZING
  REMARK--------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: CONTRACT PLANS
<table>
<thead>
<tr>
<th>MATERIAL GROUP: 550 GUARD RAIL</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 55100 GUARD RAIL, STEEL PLATE BEAM, RUST RESISTANT, TYPE IV</th>
<th>LINFT(METER)</th>
</tr>
</thead>
</table>

- **METHOD OF ACCEPTANCE**: QUAL AND CERT
- **EVIDENCE OF INSPECTION**: LIST AND CERT
- **MATERIAL OWNER**: MT
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 04/15/2008

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT: DIMENSIONS, BEAM THICKNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK: CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD, SPEC PROV</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 55101 GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE I</th>
<th>LINFT(METER)</th>
</tr>
</thead>
</table>

- **METHOD OF ACCEPTANCE**: CERT
- **EVIDENCE OF INSPECTION**: CERT LA15
- **MATERIAL OWNER**: MT
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 02/28/2020

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT: DIM., BEAM THICKNESS, WT OF COATING (MGNTC GAGE)</td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV, AASHTO M 180, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 55102 GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE II</th>
<th>LINFT(METER)</th>
</tr>
</thead>
</table>

- **METHOD OF ACCEPTANCE**: QUAL AND CERT
- **EVIDENCE OF INSPECTION**: LIST AND CERT
- **MATERIAL OWNER**: MT
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 04/15/2008

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT: DIM., BEAM THICKNESS, WT OF COATING (MGNTC GAGE)</td>
<td></td>
</tr>
<tr>
<td>REMARK: CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 55104 END SECTIONS, TERMINAL STEEL PLATE BEAM GALV.</th>
<th>LINFT(METER)</th>
</tr>
</thead>
</table>

- **METHOD OF ACCEPTANCE**: QUAL AND CERT
- **EVIDENCE OF INSPECTION**: LIST AND CERT
- **MATERIAL OWNER**: MT
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 04/15/2008

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT: DIM., BEAM THICKNESS, WT OF COATING (MGNTC GAGE)</td>
<td></td>
</tr>
<tr>
<td>REMARK: CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 55105 FLARED END SECTION, STEEL PLATE BEAM, GALV.</th>
<th>EA (EA)</th>
</tr>
</thead>
</table>

- **METHOD OF ACCEPTANCE**: QUAL AND CERT
- **EVIDENCE OF INSPECTION**: LIST AND CERT
- **MATERIAL OWNER**: MT
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 04/15/2008

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEASUREMENT: DIM., BEAM THICKNESS, WT OF COATING (MGNTC GAGE)</td>
<td></td>
</tr>
<tr>
<td>REMARK: CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>
### Material: 55106 Accessories, Steel Plate Beam Guard Rail, Galv. EA (EA )

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
</table>

- **Method of Acceptance**: Qual and Cert
- **Evidence of Inspection**: List and Cert
- **Material Owner**: MT
- **Sample Size**: Field Inspection
- **Updated**: 04/15/2009

### Material: 55107 End Sections, Return, Steel Plate Beam Galv. EA (EA )

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
</table>

- **Method of Acceptance**: Qual and Cert
- **Evidence of Inspection**: List and Cert
- **Material Owner**: MT
- **Sample Size**: Field Inspection
- **Updated**: 04/15/2008

### Material: 55108 Shoe, Standard End EA (EA )

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
</table>

- **Method of Acceptance**: Cert
- **Evidence of Inspection**: Cert LA15
- **Material Owner**: MT
- **Sample Size**: Field Inspection
- **Updated**: 04/15/2008

### Material: 55110 Guard Rail, Tubular Thrill Beam, Galv. Type I LINFT(METER )

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
</table>

- **Method of Acceptance**: Cert
- **Evidence of Inspection**: Cert LA15
- **Material Owner**: MT
- **Sample Size**: Field Inspection
- **Updated**: 02/28/2020

### Material: 55201 Cable, Wire Rope for Road Guard LINFT(METER )

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
</table>

- **Method of Acceptance**: Test
- **Evidence of Inspection**: LA15 ILOK Test
- **Material Owner**: MT
- **Sample Size**: 2 @ 4ft Long
- **Updated**: 03/05/2019

### Specifications
- Art 1006.25, AASHTO M 180, HWY STD
- Domestic Steel Act Applies
- Contract Plans, HWY STD
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 550 GUARD RAIL

--- MATERIAL: 55301 POST, GALVANIZED STEEL GUARD RAIL "I" EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 POST UPDATED: 02/27/2017
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: TENS. STRTH., YIELD STRTH., WT. OF COATING (MAGNTC GAGE), ELONGATION
  REMARK-------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.23, AASHTO M 111, AASHTO M 270

--- MATERIAL: 55303 POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, TREATED EA (EA )
  METHOD OF ACCEPTANCE---: CERT VIS
  EVIDENCE OF INSPECTION---: CERT MARK LA15 MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIM., TREATMENT
  REMARK-------: IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.
  SPECIFICATIONS: ART 1007.07, CONTRACT PLANS OR SPEC PROV
  CBM POLICY MEMO (LUMBER & TIMBER INS.)

--- MATERIAL: 55308 POST, STEEL GUARD RAIL "I" RUST RESISTANT TYPE IV EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 POST UPDATED: 02/27/2017
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: TENS. STRTH., YIELD STRTH., ELONGATION
  REMARK-------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: HWY STD, SPEC PROV

--- MATERIAL: 55311 POST, GALVANIZED STEEL ROAD GUARD, "U" ASTM A-499 EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 POST UPDATED: 12/30/2015
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: TENS. & YIELD STRTH., WT. OF COATING (MAGNETIC GAGE), ELONGATION
  REMARK-------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: HWY STD, SPEC PROV, ASTM A499

--- MATERIAL: 55401 ACCESSORIES, CABLE ROAD GUARD EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/27/2017
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: ZINC COATING, THICKNESS ON SPRINGS, RODS, TURNBUCKLES, BOLTS & WASHERS
  REMARK-------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.26, AASHTO M 232
## MATERIAL: 55501
- **PLANK, GUARD RAIL, TREATED WOOD**
- **LINFT (METER)**

<table>
<thead>
<tr>
<th>DESC</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**
- CERT
- VIS

**EVIDENCE OF INSPECTION**
- CERT
- MARK LA15

**SAMPLE SIZE**
- FIELD INSPECTION

**CONTAINER**
- CONTAINER1
- CONTAINER2

**MEASUREMENT**
- DIM., TREATMENT

**REMARK**
- IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.

**SPECIFICATIONS**
- SEC 1007, CONTRACT PLANS OR SPEC PROV
- CBM POLICY MEMO (LUMBER & TIMBER INSP.)

---

## MATERIAL: 55503
- **BLOCKOUT, TREATED WOOD**
- **EA (EA )**

<table>
<thead>
<tr>
<th>DESC</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**
- CERT
- VIS

**EVIDENCE OF INSPECTION**
- CERT
- MARK LA15

**SAMPLE SIZE**
- FIELD INSPECTION

**CONTAINER**
- CONTAINER1
- CONTAINER2

**MEASUREMENT**
- DIM., TREATMENT

**REMARK**
- IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.

**SPECIFICATIONS**
- BLR. STD., CBM POLICY MEMO (LUMBER & TIMBER INSP.)

---

## MATERIAL: 55504
- **BLOCKOUT, PLASTIC**
- **EA (EA )**

<table>
<thead>
<tr>
<th>DESC</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**
- QUAL

**EVIDENCE OF INSPECTION**
- LIST

**SAMPLE SIZE**
- FIELD INSPECTION

**CONTAINER**
- CONTAINER1
- CONTAINER2

**MEASUREMENT**

**REMARK**

**SPECIFICATIONS**
- ART 630.02

---

## MATERIAL: 55601
- **BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY TANGENT**
- **EA (EA )**

<table>
<thead>
<tr>
<th>DESC</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>59</td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**
- QUAL
- CERT

**EVIDENCE OF INSPECTION**
- LIST
- CERT

**SAMPLE SIZE**
- FIELD INSPECTION

**CONTAINER**
- CONTAINER1
- CONTAINER2

**MEASUREMENT**
- DIM., WT OF COATING, APPEARANCE

**REMARK**
- CERT IS FOR DOMESTIC STEEL ACT

**SPECIFICATIONS**
- SEC 631, CONTRACT PLANS, HWY STD

---

## MATERIAL: 55602
- **ACCESSORIES, BARRIER, TERMINAL ASSEMBLY, NCHRP (MASH) ONLY**
- **EA (EA )**

<table>
<thead>
<tr>
<th>DESC</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>59</td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**
- QUAL
- CERT

**EVIDENCE OF INSPECTION**
- LIST
- CERT

**SAMPLE SIZE**
- FIELD INSPECTION

**CONTAINER**
- CONTAINER1
- CONTAINER2

**MEASUREMENT**
- DIM., WT OF COATING, APPEARANCE

**REMARK**
- CERT IS FOR DOMESTIC STEEL ACT

**SPECIFICATIONS**
- CONTRACT PLANS, HWY STD
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 550 GUARD RAIL

---> MATERIAL: 55603  BARRIER, HIGH TENSION CABLE MEDIAN LINFT(METER )
      METHOD OF ACCEPTANCE---: QUAL AND CERT
      EVIDENCE OF INSPECTION=: LIST AND CERT MATERIAL OWNER: MT
      SAMPLE SIZE---: 2 @ 4FT LONG UPDATED: 02/27/2017
      CONTAINER1: CONTAINER2:
      MEASUREMENT---: WT OF COAT., NO. OF WIRE/STRAND, NO. OF STRANDS, OUTSD. DIA.
       OF ROPE & WIRE, LAY OF ROPE & WIRE, TENS. STRTH.
      REMARK-------- : CERT IS FOR DOMESTIC STEEL ACT
       VERIFY CORRECT WIRE ROPE BY REVIEW OF MFG. CERTS.
      SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE MEDIAN BARRIERS

---> MATERIAL: 55604  BARRIER TERMINAL, HIGH TENSION CABLE MEDIAN EA (METER )
      METHOD OF ACCEPTANCE---: QUAL AND CERT
      EVIDENCE OF INSPECTION=: LIST AND CERT MATERIAL OWNER: MT
      SAMPLE SIZE---: 2 @ 4FT LONG UPDATED: 02/27/2017
      CONTAINER1: CONTAINER2:
      MEASUREMENT---: WT OF COAT., NO. OF WIRE/STRAND, NO. OF STRANDS, OUTSD. DIA.
       OF ROPE & WIRE, LAY OF ROPE & WIRE, TENS. STRTH.
      REMARK-------- : CERT IS FOR DOMESTIC STEEL ACT
       VERIFY CORRECT WIRE ROPE BY REVIEW OF MFG. CERTS.
      SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE MEDIAN BARRIERS

---> MATERIAL: 55605  POST, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY EA (EA )
      METHOD OF ACCEPTANCE---: CERT
      EVIDENCE OF INSPECTION=: CERT LA15 MATERIAL OWNER: MT
      SAMPLE SIZE---: UPDATED: 09/29/2009
      CONTAINER1: CONTAINER2:
      MEASUREMENT---:
      REMARK-------- : CERT IS TO VERIFY PARTS ARE FROM ORIGINAL APPROVED SYSTEM
       DOMESTIC STEEL ACT APPLIES
      SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE MEDIAN BARRIERS

---> MATERIAL: 55606  CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY EA (EA )
      METHOD OF ACCEPTANCE---: CERT
      EVIDENCE OF INSPECTION=: CERT LA15 MATERIAL OWNER: MT
      SAMPLE SIZE---: UPDATED: 09/29/2009
      CONTAINER1: CONTAINER2:
      MEASUREMENT---:
      REMARK-------- : CERT IS TO VERIFY PARTS ARE FROM ORIGINAL APPROVED SYSTEM
       DOMESTIC STEEL ACT APPLIES
      SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE MEDIAN BARRIERS

---> MATERIAL: 55607  ACCESSORIES, HIGH TENSION CABLE MEDIAN BAR, REPLACEMENT ONLY EA (EA )
      METHOD OF ACCEPTANCE---: CERT
      EVIDENCE OF INSPECTION=: CERT LA15 MATERIAL OWNER: MT
      SAMPLE SIZE---: UPDATED: 09/29/2009
      CONTAINER1: CONTAINER2:
      MEASUREMENT---:
      REMARK-------- : CERT IS TO VERIFY PARTS ARE FROM ORIGINAL APPROVED SYSTEM
       DOMESTIC STEEL ACT APPLIES
      SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE MEDIAN BARRIERS
--- MATERIAL: 55608  BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER  EA (EA )
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: CERT  LA15  
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 12/29/2009
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WT OF COATING, APPEARANCE  
REMARK--------: THIS CODE IS FOR ALL PDTS NOT COVERED BY NCHRP 350 (MASH)
SPECIFICATIONS: SPEC PROV
SEC 631, CONTRACT PLANS, HWY STD

--- MATERIAL: 55609  ACCESSORIES, BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER  EA (EA )
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: CERT  LA15  
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WT OF COATING, APPEARANCE  
REMARK--------: THIS CODE IS FOR ALL PDTS NOT COVERED BY NCHRP 350 (MASH)
SPECIFICATIONS: SEC 631, CONTRACT PLANS, HWY STD

--- MATERIAL: 55610  CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: CERT  LA15  
MATERIAL OWNER: MT
SAMPLE SIZE---: 
UPDATED: 09/12/2014
CONTAINER1:  CONTAINER2:
MEASUREMENT---:
REMARK--------: CERT IS TO VERIFY PARTS ARE FROM ORIGINAL APPROVED SYSTEM  
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE MEDIAN BARRIERS

--- MATERIAL: 55611  BARRIER, TRAFFIC TERMINAL ASSEMBLY, MASH (MASH) ONLY FLARED  EA (EA )
METHOD OF ACCEPTANCE---: QUAL AND CERT  
EVIDENCE OF INSPECTION: LIST AND CERT  
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 10/23/2014
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WT OF COATING, APPEARANCE  
REMARK--------: CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: SPEC PROV
SEC 631, CONTRACT PLANS, HWY STD
## Material Group: 560 Landscape

### Material: 56101 Fertilizer Nutrient, Nitrogen

- **Description:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT MARK
- **Sample Size:** FIELD INSPECTION
- **Container:** CONTAINER1: CONTAINER2:
- **Measurement:** ANALYSIS
- **Remark:**
- **Specifications:** ART 1081.08

### Material: 56102 Fertilizer Nutrient, Phosphorus

- **Description:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT MARK
- **Sample Size:** FIELD INSPECTION
- **Container:** CONTAINER1: CONTAINER2:
- **Measurement:** ANALYSIS
- **Remark:**
- **Specifications:** ART 1081.08

### Material: 56103 Fertilizer Nutrient, Potassium

- **Description:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT MARK
- **Sample Size:** FIELD INSPECTION
- **Container:** CONTAINER1: CONTAINER2:
- **Measurement:** ANALYSIS
- **Remark:**
- **Specifications:** ART 1081.08

### Material: 56203 Mulch, Hardwood Bark

- **Description:**
- **Method of Acceptance:** VIS
- **Evidence of Inspection:** VIS
- **Sample Size:** FIELD INSPECTION
- **Container:** CONTAINER1: CONTAINER2:
- **Measurement:** CLEAN AND FREE OF DELETERIOUS MATERIALS
- **Remark:**
- **Specifications:** ART 1081.06

### Material: 56204 Mulch, Straw

- **Description:**
- **Method of Acceptance:** VIS
- **Evidence of Inspection:** VIS
- **Sample Size:** FIELD INSPECTION
- **Container:** CONTAINER1: CONTAINER2:
- **Measurement:** CLEAN AND FREE OF DELETERIOUS MATERIAL
- **Remark:**
- **Specifications:** ART 1081.06
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 560 LANDSCAPE

--- MATERIAL: 56206  MULCH, EXCELSIOR  BALES (BALES)
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION: VIS  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/01/1990
CONTAINER1:  CONTAINER2:  MEASUREMENT---: CLEAN AND FREE OF DELETERIOUS MATERIAL
REMARK---------: SPECIFICATIONS: CONTRACT PLANS OR SPEC PROV

--- MATERIAL: 56208  MULCH, WOOD  TONS (M TON)
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION: MARK CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 06/16/2009
CONTAINER1:  CONTAINER2:  MEASUREMENT---: CLEAN AND FREE OF DELETERIOUS MATERIAL
REMARK---------: SPECIFICATIONS: ART 1081.06

--- MATERIAL: 56209  BLANKET, EXCELSIOR  SQYD (SQ M)
DESC1:  DESC2:  DESC3:  SMALLQTY: 200
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERTLA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 36" ACROSS FULL WIDTH EACH SHIPMENT  UPDATED: 03/05/2019
CONTAINER1: 11  CONTAINER2: 09
MEASUREMENT---: MINIMUM WIDTH, WT/SQYD, SMOLDER RESISTANCE
REMARK---------: SPECIFICATIONS: ART 1081.10

--- MATERIAL: 56214  BALES, EROSION CONTROL  EA (EA)
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION: VIS  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/14/2013
CONTAINER1:  CONTAINER2:  MEASUREMENT---: ADEQUATELY BOUND, DIMENSIONS
REMARK---------: HAY OR STRAW
FOR INLET PROTECTION ONLY
SPECIFICATIONS: ART 1081.15, 280.04

--- MATERIAL: 56215  FABRIC, EROSION MAT  SQYD (SQ M)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/15/2008
CONTAINER1:  CONTAINER2:  MEASUREMENT---: CLEAN AND FREE OF DELETERIOUS MATERIAL
REMARK---------: CONCRETE REVETMENT MAT FABRIC
SPECIFICATIONS: ART 1080.04
<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>SQYD (SQ M)</th>
<th>Small Qty</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>56219</td>
<td>Straw Mat, Knitted</td>
<td></td>
<td></td>
<td>Cert</td>
<td>Cert LA15</td>
<td>36&quot; Across Full Width Each Shipment</td>
<td>11</td>
<td>09</td>
<td>Width, Dimensions, WT/SQYD</td>
<td></td>
<td>ART 1081.10</td>
</tr>
<tr>
<td>56221</td>
<td>Mulch, Hydraulic</td>
<td>Tons (M Ton)</td>
<td></td>
<td>Cert</td>
<td>Mark Cert</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td>Clean and Free of Deleterious Material</td>
<td></td>
<td>ART 1081.06</td>
</tr>
<tr>
<td>56222</td>
<td>Binder, Chemical Mulch</td>
<td>LB (KG)</td>
<td></td>
<td>Cert</td>
<td>Cert LA15</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td>Performance</td>
<td></td>
<td>ART 1081.06 OR CONTRACT SPEC PROV</td>
</tr>
<tr>
<td>56223</td>
<td>Matting, Straw and Coconut Blend</td>
<td></td>
<td></td>
<td>Cert</td>
<td>Cert LA15</td>
<td>36&quot; Across Full Width Each Shipment</td>
<td>09</td>
<td>11</td>
<td>Minimum Width, WT/SQYD</td>
<td></td>
<td>ART 1081.10</td>
</tr>
<tr>
<td>56225</td>
<td>Blanket, Excelsior and Straw Blend</td>
<td></td>
<td></td>
<td>Cert</td>
<td>Cert LA15</td>
<td>36&quot; Across Full Width Each Shipment</td>
<td>09</td>
<td>11</td>
<td>Minimum Width, WT/SQYD</td>
<td></td>
<td>ART 1081.10</td>
</tr>
</tbody>
</table>
MATERIAL: 56226  Ditch Check, Urethane Foam-Geotextile Fabric  EA (EA)
METHOD OF ACCEPTANCE: Qual
EVIDENCE OF INSPECTION: List
MATERIAL OWNER: NP
SAMPLE SIZE:
CONTAINER:
MEASUREMENT:
REMARK: TRIANGULAR SILT DIKE
SPECIFICATIONS: ART 280.04 (A)

MATERIAL: 56227  Flotation Silt Curtain, Still Water Linft (Meter)
METHOD OF ACCEPTANCE: Cert
EVIDENCE OF INSPECTION: Cert LA15
MATERIAL OWNER: MT
SAMPLE SIZE: Field Inspection
CONTAINER:
MEASUREMENT: Workmanship, Dimension, Configuration to Mfr's Certs
REMARK:
SPECIFICATIONS: Contract Spec Prov, Art 1080.02

MATERIAL: 56228  Sediment Log, Rolled Excelsior
METHOD OF ACCEPTANCE: Vis
EVIDENCE OF INSPECTION: Vis
MATERIAL OWNER: MT
SAMPLE SIZE: Field Inspection
CONTAINER:
MEASUREMENT: Adequately Bound
REMARK:
SPECIFICATIONS: Art 1081.15

MATERIAL: 56229  Berm, Erosion Control, Polyethylene
METHOD OF ACCEPTANCE: Qual
EVIDENCE OF INSPECTION: List
MATERIAL OWNER: NP
SAMPLE SIZE:
CONTAINER:
MEASUREMENT:
REMARK: GeoRidge
SPECIFICATIONS: Art 280.04 (A)

MATERIAL: 56230  Panel, Erosion Control, Polyethylene
METHOD OF ACCEPTANCE: Qual
EVIDENCE OF INSPECTION: List
MATERIAL OWNER: NP
SAMPLE SIZE:
CONTAINER:
MEASUREMENT:
REMARK: EnviroBerm
SPECIFICATIONS: Art 280.04 (A)
## MATERIAL GROUP: 560 LANDSCAPE

### MATERIAL: 56231 MAT, TURF REINFORCEMENT

<table>
<thead>
<tr>
<th>Description</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>TEST AND CERT</td>
<td>LA15 ILok TEST CERT</td>
<td>36&quot; ACROSS FULL WIDTH OF EACH SHIPMENT</td>
<td>11</td>
<td>09</td>
<td>CERT IS NEED BECAUSE ONLY PART OF SPEC REQUIREMENT CAN BE TESTED FOR IN THE LAB</td>
</tr>
<tr>
<td>DESC2:</td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 56301 PEA T MOSS

<table>
<thead>
<tr>
<th>Description</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>CERT</td>
<td>ILok LA15</td>
<td>1 LB. PER 50-TON WEIGHT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 56302 SOD

<table>
<thead>
<tr>
<th>Description</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>CERT</td>
<td>ILok LA15</td>
<td>FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 56303 SOIL, TOP

<table>
<thead>
<tr>
<th>Description</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>TEST</td>
<td>ILok LA15</td>
<td>3 LBS.</td>
<td>03</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 56305 SOD, SALT TOLERANT

<table>
<thead>
<tr>
<th>Description</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>CERT</td>
<td>ILok LA15</td>
<td>FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
---> MATERIAL: 56306 COMPOST
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION--: CERT
     MATERIAL OWNER: MT
     SAMPLE SIZE---:
     CONTAINER1:                CONTAINER2:
     MEASUREMENT---:
     REMARK--------:
     SPECIFICATIONS: ART 1081.05

---> MATERIAL: 56413 SEED, OATS
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION--: CERT ILOK LA15
     MATERIAL OWNER: MT
     SAMPLE SIZE---: VARIOUS
     UPDATED: 07/21/2020
     CONTAINER1:                CONTAINER2:
     MEASUREMENT---: PURITY, GERMINATION
     REMARK--------: CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST
     SPECIFICATIONS: ART 250.07, 1081.04

---> MATERIAL: 56424 SEED, WHEAT, HARD RED WINTER
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION--: CERT ILOK LA15
     MATERIAL OWNER: MT
     SAMPLE SIZE---: VARIOUS
     UPDATED: 07/21/2020
     CONTAINER1:                CONTAINER2:
     MEASUREMENT---: PURITY, GERMINATION
     REMARK--------: CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST
     SPECIFICATIONS: ART 250.07, 1081.04

---> MATERIAL: 56499 SEED, SPECIAL
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION--: CERT ILOK LA15
     MATERIAL OWNER: MT
     SAMPLE SIZE---: VARIOUS
     UPDATED: 04/20/2009
     CONTAINER1:                CONTAINER2:
     MEASUREMENT---: PURITY, GERMINATION
     REMARK--------: CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST
     SPECIFICATIONS: ART 250.07, 1081.04

---> MATERIAL: 56501 TREE, SHADE
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION--: CERT
     MATERIAL OWNER: MT
     SAMPLE SIZE---: FIELD INSPECTION
     UPDATED: 07/10/2009
     CONTAINER1:                CONTAINER2:
     MEASUREMENT---: SPREAD, HEIGHT, BALL DIA., TRUNK DIA. (TREES)
     REMARK--------: CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)
     SPECIFICATIONS: ART 1081.01, AMER STDS FOR NURSERY STOCK ASA 260.1
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>TYPE</th>
<th>EA (EA )</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL OWNER</th>
<th>SAMPLE SIZE</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>56502</td>
<td>TREE, INTERMEDIATE B</td>
<td></td>
<td>22</td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>CERT</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>07/10/2009</td>
<td></td>
<td></td>
<td>SPREAD, HEIGHT, BALL DIA., TRUNK DIA. (TREES)</td>
<td>CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)</td>
</tr>
<tr>
<td>56503</td>
<td>TREE, SEEDLING F</td>
<td></td>
<td>22</td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>CERT</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>07/10/2009</td>
<td></td>
<td></td>
<td>SPREAD, HEIGHT, BALL DIA., TRUNK DIA. (TREES)</td>
<td>CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)</td>
</tr>
<tr>
<td>56504</td>
<td>SHRUB, C</td>
<td></td>
<td>22</td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>CERT</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>07/10/2009</td>
<td></td>
<td></td>
<td>SPREAD, HEIGHT, BALL DIA., TRUNK DIA. (TREES)</td>
<td>CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)</td>
</tr>
<tr>
<td>56505</td>
<td>SHRUB, SEEDLING G</td>
<td></td>
<td>22</td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>CERT</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>07/10/2009</td>
<td></td>
<td></td>
<td>HEALTHY, FREE FROM INSECTS, DISEASES</td>
<td>CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)</td>
</tr>
<tr>
<td>56506</td>
<td>EVERGREEN D</td>
<td></td>
<td>22</td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>CERT</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>07/10/2009</td>
<td></td>
<td></td>
<td>HEALTHY, FREE FROM INSECTS, DISEASES</td>
<td>CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)</td>
</tr>
</tbody>
</table>
MATERIAL GROUP: 560 LANDSCAPE

--- MATERIAL: 56508  VINES, EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/10/2009
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: HEALTHY, FREE FROM INSECTS, DISEASE
  REMARK--------: CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)
  SPECIFICATIONS: ART 1081.01, AMER STDS FOR NURSERY STOCK ASA 260.1

--- MATERIAL: 56510  SPECIAL LANDSCAPING  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/10/2009
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: HEALTHY, FREE FROM INSECTS, DISEASE
  REMARK--------: CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)
  SPECIFICATIONS: ART 1081.01, AMER STDS FOR NURSERY STOCK ASA 260.1

--- MATERIAL: 56511  ROOTSTOCK, WETLAND  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 07/10/2009
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: HEALTHY, FREE FROM INSECTS, DISEASE
  REMARK--------: CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)
  SPECIFICATIONS: ART 1081.01, AMER STDS FOR NURSERY STOCK ASA 260.1

--- MATERIAL: 56701  SEEDING, CLASS 1  ACRE (HA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT ILOK LA15  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/18/2009
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING
  REMARK--------: CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST
  SPECIFICATIONS: ART 250.07, 1081.04, ILLINOIS SEED LAW

--- MATERIAL: 56702  SEEDING, CLASS 1A  ACRE (HA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT ILOK LA15  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 03/18/2009
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING
  REMARK--------: CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST
  SPECIFICATIONS: ART 250.07, 1081.04, ILLINOIS SEED LAW
**MANUAL FOR MATERIALS INSPECTION - PART 2**

**MATERIAL GROUP: 560 LANDSCAPE**

---

**MATERIAL: 56703**

SEEDING, CLASS 1B

ACRE (HA)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE:

CERT

EVIDENCE OF INSPECTION:

CERT ILOK LA15

MATERIAL OWNER:

MT

SAMPLE SIZE:

FIELD INSPECTION

UPDATED: 03/18/2009

CONTAINER1:

CONTAINER2:

MEASUREMENT:

PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING

REMARK:

CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST

SPECIFICATIONS:

ART 250.07, 1081.04, ILLINOIS SEED LAW

---

**MATERIAL: 56704**

SEEDING, CLASS 2

ACRE (HA)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE:

CERT

EVIDENCE OF INSPECTION:

CERT ILOK LA15

MATERIAL OWNER:

MT

SAMPLE SIZE:

FIELD INSPECTION

UPDATED: 03/18/2009

CONTAINER1:

CONTAINER2:

MEASUREMENT:

PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING

REMARK:

CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST

SPECIFICATIONS:

ART 250.07, 1081.04, ILLINOIS SEED LAW

---

**MATERIAL: 56705**

SEEDING, CLASS 2A

ACRE (HA)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE:

CERT

EVIDENCE OF INSPECTION:

CERT ILOK LA15

MATERIAL OWNER:

MT

SAMPLE SIZE:

FIELD INSPECTION

UPDATED: 03/18/2009

CONTAINER1:

CONTAINER2:

MEASUREMENT:

PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING

REMARK:

CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST

SPECIFICATIONS:

ART 250.07, 1081.04, ILLINOIS SEED LAW

---

**MATERIAL: 56706**

SEEDING, CLASS 3

ACRE (HA)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE:

CERT

EVIDENCE OF INSPECTION:

CERT ILOK LA15

MATERIAL OWNER:

MT

SAMPLE SIZE:

FIELD INSPECTION

UPDATED: 03/18/2009

CONTAINER1:

CONTAINER2:

MEASUREMENT:

PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING

REMARK:

CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST

SPECIFICATIONS:

ART 250.07, 1081.04, ILLINOIS SEED LAW

---

**MATERIAL: 56707**

SEEDING, CLASS 4

ACRE (HA)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td></td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

METHOD OF ACCEPTANCE:

CERT

EVIDENCE OF INSPECTION:

CERT ILOK LA15

MATERIAL OWNER:

MT

SAMPLE SIZE:

FIELD INSPECTION

UPDATED: 03/18/2009

CONTAINER1:

CONTAINER2:

MEASUREMENT:

PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING

REMARK:

CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST

SPECIFICATIONS:

ART 250.07, 1081.04, ILLINOIS SEED LAW
| MATERIAL: | 56708 | SEEDING, CLASS 4A | ACRE (HA ) |
| DESC1: | 71 | DESC2: | DESC3: | SMALLQTY: |
| METHOD OF ACCEPTANCE---: | CERT | EVIDENCE OF INSPECTION---: CERT | ILOK LA15 |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION | UPDATED: | 03/18/2009 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING |
| REMARK--------- : | CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST |
| SPECIFICATIONS: | ART 250.07, 1081.04, ILLINOIS SEED LAW |

| MATERIAL: | 56709 | SEEDING, CLASS 4B | ACRE (HA ) |
| DESC1: | 71 | DESC2: | DESC3: | SMALLQTY: |
| METHOD OF ACCEPTANCE---: | CERT | EVIDENCE OF INSPECTION---: CERT | ILOK LA15 |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION | UPDATED: | 03/18/2009 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING |
| REMARK--------- : | CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST |
| SPECIFICATIONS: | ART 250.07, 1081.04, ILLINOIS SEED LAW |

| MATERIAL: | 56710 | SEEDING, CLASS 5 | ACRE (HA ) |
| DESC1: | 71 | DESC2: | DESC3: | SMALLQTY: |
| METHOD OF ACCEPTANCE---: | CERT | EVIDENCE OF INSPECTION---: CERT | ILOK LA15 |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION | UPDATED: | 03/18/2009 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING |
| REMARK--------- : | CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST |
| SPECIFICATIONS: | ART 250.07, 1081.04, ILLINOIS SEED LAW |

| MATERIAL: | 56711 | SEEDING, CLASS 5A | ACRE (HA ) |
| DESC1: | 71 | DESC2: | DESC3: | SMALLQTY: |
| METHOD OF ACCEPTANCE---: | CERT | EVIDENCE OF INSPECTION---: CERT | ILOK LA15 |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION | UPDATED: | 03/18/2009 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING |
| REMARK--------- : | CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST |
| SPECIFICATIONS: | ART 250.07, 1081.04, ILLINOIS SEED LAW |

<p>| MATERIAL: | 56712 | SEEDING, CLASS 5B | ACRE (HA ) |
| DESC1: | 71 | DESC2: | DESC3: | SMALLQTY: |
| METHOD OF ACCEPTANCE---: | CERT | EVIDENCE OF INSPECTION---: CERT | ILOK LA15 |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION | UPDATED: | 03/18/2009 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING |
| REMARK--------- : | CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST |
| SPECIFICATIONS: | ART 250.07, 1081.04, ILLINOIS SEED LAW |</p>
<table>
<thead>
<tr>
<th>Material Number</th>
<th>Type</th>
<th>Class</th>
<th>Acre (Ha)</th>
<th>Description 1</th>
<th>Description 2</th>
<th>Description 3</th>
<th>Small Quantity</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Measurement</th>
<th>Remarks</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>56713</td>
<td>Seeding, Class 6</td>
<td></td>
<td></td>
<td></td>
<td>Desc1: 71</td>
<td>Desc2:</td>
<td>Desc3:</td>
<td>SmallQty:</td>
<td>Cert ILOK LA15</td>
<td></td>
<td></td>
<td></td>
<td>Material Owner: MT</td>
<td>Updated: 03/18/2009</td>
</tr>
<tr>
<td>56714</td>
<td>Seeding, Class 6A</td>
<td></td>
<td></td>
<td></td>
<td>Desc1: 71</td>
<td>Desc2:</td>
<td>Desc3:</td>
<td>SmallQty:</td>
<td>Cert ILOK LA15</td>
<td></td>
<td></td>
<td></td>
<td>Material Owner: MT</td>
<td>Updated: 07/21/2020</td>
</tr>
<tr>
<td>56715</td>
<td>Seeding, Class 7</td>
<td></td>
<td></td>
<td></td>
<td>Desc1: 71</td>
<td>Desc2:</td>
<td>Desc3:</td>
<td>SmallQty:</td>
<td>Cert ILOK LA15</td>
<td></td>
<td></td>
<td></td>
<td>Material Owner: MT</td>
<td>Updated: 03/18/2009</td>
</tr>
<tr>
<td>56716</td>
<td>Seeding, Class 3A</td>
<td></td>
<td></td>
<td></td>
<td>Desc1: 71</td>
<td>Desc2:</td>
<td>Desc3:</td>
<td>SmallQty:</td>
<td>Cert ILOK LA15</td>
<td></td>
<td></td>
<td></td>
<td>Material Owner: MT</td>
<td>Updated: 03/18/2009</td>
</tr>
<tr>
<td>56717</td>
<td>Seeding, Class 5C</td>
<td></td>
<td></td>
<td></td>
<td>Desc1: 71</td>
<td>Desc2:</td>
<td>Desc3:</td>
<td>SmallQty:</td>
<td>Cert ILOK LA15</td>
<td></td>
<td></td>
<td></td>
<td>Material Owner: MT</td>
<td>Updated: 09/27/2018</td>
</tr>
</tbody>
</table>
MATERIAL: 56751  SEEDING, MIXTURE SPECIAL  ACRE (ACRE )

MATERIAL GROUP: 560 LANDSCAPE

<table>
<thead>
<tr>
<th>METHOD OF ACCEPTANCE ---</th>
<th>CERT</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVIDENCE OF INSPECTION  -</td>
<td>CERT ILOK LA15</td>
</tr>
<tr>
<td>SAMPLE SIZE ---</td>
<td>VARIOUS</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT---</td>
<td>PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING</td>
</tr>
<tr>
<td>REMARK--------</td>
<td>CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 250.07, 1081.04, ILLINOIS SEED LAW</td>
</tr>
</tbody>
</table>

MATERIAL OWNER: MT
UPDATED: 03/18/2009
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 575 FENCING

--- MATERIAL: 57601  WIRE, BARB, ALUMINUM COATED STEEL  LINFT(METER )
DESC1: 20  DESC2:  DESC3:  SMALLQTY: 300

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: MT

SAMPLE SIZE---:  1 @ 4FT EACH 50 ROLLS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:

MEASUREMENT---: WIRE DIA., SPAC. OF BARBS, WT OF COAT., NUMBER OF POINTS,
TENS. STRTH.

REMARK---------: VERIFY CLASS AND COATING FROM MANUFACTURER'S LABEL.
IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.

SPECIFICATIONS:  ART 1006.28, AASHTO M280, HWY STD
DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 57602  WIRE, BARB, GALVANIZED STEEL  LINFT(METER )
DESC1: 20  DESC2:  DESC3:  SMALLQTY: 300

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: MT

SAMPLE SIZE---:  1 @ 4FT EACH 50 ROLLS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:

MEASUREMENT---: WIRE DIA., SPAC. OF BARBS, WT OF COAT., NUMBER OF POINTS,
TENS. STRTH.

REMARK---------: VERIFY CLASS AND COATING FROM MANUFACTURER'S LABEL.
IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.

SPECIFICATIONS:  ART 1006.28, AASHTO M280, CL 3, HWY STD
DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 57702  FABRIC, CHAIN LINK FENCE, ALUMINUM COATED STEEL  LINFT(METER )
DESC1: 18  DESC2:  DESC3:  SMALLQTY: 300

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: MT

SAMPLE SIZE---:  1 @ 36" FULL HEIGHT EACH 50 ROLLS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:

MEASUREMENT---: WIRE DIA., BREAKING LOAD, HEIGHT OF FABRIC, MESH SIZE, WT OF
COATING

REMARK---------: VERIFY SPECIFICATION COMPLIANCE FROM MANUFACTURER'S LABEL.
IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.

SPECIFICATIONS:  ART 1006.27, AASHTO M 181, HWY STD
DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 57703  FABRIC, CHAIN LINK FENCE, GALVANIZED STEEL  LINFT(METER )
DESC1: 18  DESC2:  DESC3:  SMALLQTY: 300

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: MT

SAMPLE SIZE---:  1 @ 36" FULL HEIGHT EACH 50 ROLLS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:

MEASUREMENT---: WIRE DIA., BREAKING LOAD, HEIGHT OF FABRIC, MESH SIZE, WT OF
COATING

REMARK---------: VERIFY SPECIFICATION COMPLIANCE FROM MANUFACTURER'S LABEL.
IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.

SPECIFICATIONS:  ART 1006.27, AASHTO M 181, HWY STD
DOMESTIC STEEL ACT APPLIES
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 575 FENCING

--> MATERIAL: 57704  FABRIC, CHAIN LINK FENCE, VINYL COATED GALVANIZED STEEL LINFT(METER )
DESC1: 18  DESC2:  DESC3:  SMALLQTY: 300

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15  MATERIAL OWNER: MT

SAMPLE SIZE---: 1 @ 36" FULL HEIGHT EACH 50 ROLLS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:

MEASUREMENT---: WIRE DIA., BREAKING LOAD, HEIGHT OF FABRIC, MESH SIZE, WT OF COAT., COAT. THICKNESS, COLOR
REMARK--------: VERIFY SPECIFICATION COMPLIANCE FROM MANUFACTURER'S LABEL. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, AASHTO M 181, HWY STD DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 57706  FABRIC, CHAIN LINK FENCE, SPECIAL LINFT(METER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 300

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15  MATERIAL OWNER: MT

SAMPLE SIZE---: 1 @ 36" FULL HEIGHT EACH 50 ROLLS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:

MEASUREMENT---: WIRE DIA., BREAKING LOAD, HEIGHT OF FABRIC, MESH SIZE, WT OF COAT.
REMARK--------: VERIFY SPECIFICATION COMPLIANCE FROM MANUFACTURER'S LABEL. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, AASHTO M 181, HWY STD, CONTRACT PLANS DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 57801  FABRIC, WOVEN WIRE FENCE, ALUMINUM COATED STEEL LINFT(METER )
DESC1: 18  DESC2:  DESC3:  SMALLQTY: 300

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15  MATERIAL OWNER: MT

SAMPLE SIZE---: 1 @ 36" FULL HEIGHT EACH 50 ROLLS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:

MEASUREMENT---: WIRE DIA. & GAGE, FABRIC HEIGHT, WT OF COAT., NUMBER OF HORIZ. WIRES, TENSILE STR., SPAC. OF STAY WIRES
REMARK--------: VERIFY CLASS AND DESIGN NO. FROM MANUFACTURER'S LABEL. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.28, AASHTO M 279, HWY STD DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 57802  FABRIC, WOVEN WIRE FENCE, GALVANIZED STEEL LINFT(METER )
DESC1: 18  DESC2:  DESC3:  SMALLQTY: 300

METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15  MATERIAL OWNER: MT

SAMPLE SIZE---: 1 @ 36" FULL HEIGHT EACH 50 ROLLS  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:

MEASUREMENT---: WIRE DIA. & GAGE, FABRIC HEIGHT, WT OF COAT., NUMBER OF HORIZONTAL WIRES, TENSILE STR., SPAC. OF STAY WIRES
REMARK--------: VERIFY CLASS AND DESIGN NO. FROM MANUFACTURER'S LABEL. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.28, AASHTO M 279, CL 3,HWY STD DOMESTIC STEEL ACT APPLIES
--+ MATERIAL: 57804  FABRIC, WOVEN WIRE FENCE, SPECIAL  LINF(METER )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION: CERT LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: 1 @ 36" FULL HEIGHT EACH 50 ROLLS
   UPDATED: 02/19/2009
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : VERIFY CLASS AND DESIGN NO. FROM MANUFACTURER'S LABEL.
   IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
   SPECIFICATIONS: ART 1006.28, AASHTO M 279, CL 3, HWY STD, CONTRACT PLANS
   DOMESTIC STEEL ACT APPLIES

--+ MATERIAL: 57901  RAIL FENCE, RUSTIC  LINF(METER )
   METHOD OF ACCEPTANCE---: CERT VIS
   EVIDENCE OF INSPECTION: CERT MARK LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 03/18/2009
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS
   OK. OTHERWISE, CERT IS REQUIRED.
   SPECIFICATIONS: CONTRACT PLANS, SPEC PROV

--+ MATERIAL: 57902  FENCE, ORNAMENTAL  LINF(  )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION: CERT LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 07/31/2018
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : FOR STEEL PRODUCTS: DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: CONTRACT PLANS, SPEC PROV

--+ MATERIAL: 57903  GATE, ORNAMENTAL, SINGLE  EA (  )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION: CERT LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 07/31/2018
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : FOR STEEL PRODUCTS: DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: CONTRACT PLANS, SPEC PROV

--+ MATERIAL: 57904  GATE, ORNAMENTAL, DOUBLE  EA (  )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION: CERT LA15
   MATERIAL OWNER: MT
   SAMPLE SIZE---: FIELD INSPECTION
   UPDATED: 07/31/2018
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : FOR STEEL PRODUCTS: DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: CONTRACT PLANS, SPEC PROV
--- MATERIAL: 58004  BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE) LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 18"  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2:
MEASUREMENT---: OUTSIDE & INSIDE DIA., WALL THICKNESS, WT/L, WT OF COATING (INSIDE & OUTSIDE)
REMARK--------: VERIFY CONTRACT COMPLIANCE.
               IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS:  ART 1006.27, AASHTO M120-TY A, HWY STD 665001

--- MATERIAL: 58006  BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (ROLL FORM) LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., THICKNESS, ELONGATION, TENS. & YIELD STRENGTH, WT/L
REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILALBE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS:  ART 1006.27,ASTM F1043-GR 36 THRU 50,HWY STD 2168 DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 58011  BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK STEEL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"  UPDATED: 12/30/2015
CONTAINER1:  CONTAINER2:
MEASUREMENT---: OUTSIDE & INSIDE DIA., WALL THICKNESS
               WT/L, WT. OF COATING (INSIDE & OUTSIDE)
REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS:  ART 1006.27, AASHTO M281, HWY STD DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 58013  BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE) TYPE B LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"  UPDATED: 12/30/2015
CONTAINER1:  CONTAINER2:
MEASUREMENT---: OUTSIDE & INSIDE DIA., WALL THICKNESS,
               WT/L, WT. OF COATING (INSIDE & OUTSIDE)
REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILALBE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS:  ART 1006.27, AASHTO M281, HWY STD
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>BRACE, WOVEN WIRE (PIPE) TYPE B</th>
<th>MATERIAL</th>
<th>BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)</th>
<th>MATERIAL</th>
<th>POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL</th>
<th>MATERIAL</th>
<th>POST, TERMINAL, CHAIN LINK (ROLL FORM) GALVANIZED STEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT: OUTSIDE &amp; INSIDE DIA., WALL THICKNESS, WT/L, WT. OF COATING (INSIDE &amp; OUTSIDE)</td>
<td>MEASUREMENT: OUTSIDE &amp; INSIDE DIA., WALL THICKNESS, WT/L, WT. OF COATING (INSIDE &amp; OUTSIDE)</td>
<td>MEASUREMENT: OUTSIDE &amp; INSIDE DIA., WALL THICKNESS, WT/L, WT. OF COATING (INSIDE &amp; OUTSIDE)</td>
<td>MEASUREMENT: TENS. &amp; YIELD STRENGTH, ELONGATION, WT/L, WT. OF COATING (INSIDE &amp; OUTSIDE)</td>
<td>MEASUREMENT: TENS. &amp; YIELD STRENGTH, ELONGATION, WT/L, WT. OF COATING (INSIDE &amp; OUTSIDE)</td>
<td>MEASUREMENT: TENS. &amp; YIELD STRENGTH, ELONGATION, WT/L, WT. OF COATING (INSIDE &amp; OUTSIDE)</td>
<td>MEASUREMENT: TENS. &amp; YIELD STRENGTH, ELONGATION, WT/L, WT. OF COATING (INSIDE &amp; OUTSIDE)</td>
<td>MEASUREMENT: TENS. &amp; YIELD STRENGTH, ELONGATION, WT/L, WT. OF COATING (INSIDE &amp; OUTSIDE)</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 575 FENCING

--> MATERIAL: 58111  POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE)  EA (EA )
    METHOD OF ACCEPTANCE---: CERT
    EVIDENCE OF INSPECTION: CERT LA15  MATERIAL OWNER: MT
    SAMPLE SIZE---: 1 @ 12"  UPDATED: 12/30/2015
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: OUTSIDE & INSIDE DIA., WALL THICKNESS, WT/L, WT OF COATING
    (INSIDE & OUTSIDE)
    REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
                   SAMPLE AS INDICATED ABOVE.
    SPECIFICATIONS: ART 1006.27, AASHTO M 281, HWY STD, TY A
                   DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58113  POST, LINE, GALVANIZED STEEL CHAIN LINK (I)  EA (EA )
    METHOD OF ACCEPTANCE---: CERT
    EVIDENCE OF INSPECTION: CERT LA15  MATERIAL OWNER: MT
    SAMPLE SIZE---: 1 @ 12"  UPDATED: 05/01/2008
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: TENS. & YIELD STRENGTH, WT OF COATING, WT/L., DIM.
    REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
                   SAMPLE AS INDICATED ABOVE.
    SPECIFICATIONS: ART 1006.27, AASHTO M 281, GR A OR B, HWY STD 2168
                   DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58114  POST, LINE, GALVANIZED STEEL CHAIN LINK (U)  EA (EA )
    METHOD OF ACCEPTANCE---: CERT
    EVIDENCE OF INSPECTION: CERT LA15  MATERIAL OWNER: MT
    SAMPLE SIZE---: 1 @ 12"  UPDATED: 05/01/2008
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: TENS. & YIELD STRENGTH, WT OF COATING, WT/L.
    REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
                   SAMPLE AS INDICATED ABOVE.
    SPECIFICATIONS: ART 1006.27, AASHTO M 281, GR A OR B, HWY STD
                   DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58117  POST, GATE, CHAIN LINK (PIPE) GALVANIZED STEEL  EA (EA )
    METHOD OF ACCEPTANCE---: CERT
    EVIDENCE OF INSPECTION: CERT LA15  MATERIAL OWNER: MT
    SAMPLE SIZE---: 1 @ 12"  UPDATED: 12/30/2015
    CONTAINER1:  CONTAINER2:
    MEASUREMENT---: OUTSIDE & INSIDE DIA., WALL THICKNESS, WT/L., WT OF COATING
    (INSIDE & OUTSIDE)
    REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
                   SAMPLE AS INDICATED ABOVE.
    SPECIFICATIONS: ART 1006.27, ASTM F1043, HWY STD, TY A
                   DOMESTIC STEEL ACT APPLIES
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 575 FENCING

--> MATERIAL: 58120  POST, LINE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"
CONTAINER1: CONTAINER2:
MEASUREMENT---: WT OF COATING, WT/L., DIM.,
REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, ASTM F1043, GR 36 THRU 50, HWY STD
DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58121  POST TOP, CHAIN LINK, GALVANIZED STEEL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"
CONTAINER1: CONTAINER2:
MEASUREMENT---: WT OF COATING
REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, AASHTO M 232, HWY STD
DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58122  POST, TERMINAL, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS OF VINYL COATING, WT OF ZINC COATING,
WT PER LENGTH
REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, AASHTO M 181, ASTM F1043
DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58123  POST, LINE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS OF VINYL COATING, WT OF ZINC COATING,
WT PER LENGTH
REMARK--------: VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, AASHTO M 181, ASTM F1043
DOMESTIC STEEL ACT APPLIES
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 575 FENCING

-- MATERIAL: 58124  POST, GATE VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  THICKNESS OF VINYL COATING, WT OF ZINC COATING, WT PER LENGTH
REMARK------- :  VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS:  ART 1006.27, AASHTO M 181, ASTM F1043 DOMESTIC STEEL ACT APPLIES

-- MATERIAL: 58132  POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL TYPE B EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  WALL THICKNESS, WT/L., WT OF COATING
REMARK------- :  VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS:  ART 1006.27, TY B, AASHTO M181, ASTM F1043 DOMESTIC STEEL ACT APPLIES

-- MATERIAL: 58133  POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE) TYPE B EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  WALL THICKNESS, WT/L., WT OF COATING
REMARK------- :  VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS:  ART 1006.27, TY B, AASHTO M181, ASTM F1043 DOMESTIC STEEL ACT APPLIES

-- MATERIAL: 58134  POST, GATE, CHAIN LINK, (PIPE) GALVANIZED STEEL TYPE B EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12"  UPDATED: 01/06/2011
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  WALL THICKNESS, WT/L., WT OF COATING
REMARK------- :  VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE, SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS:  ART 1006.27, TY B, AASHTO M181, ASTM F1043 DOMESTIC STEEL ACT APPLIES
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 575 FENCING

--> MATERIAL: 58135 POST, TERMINAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B) EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12" UPDATED: 01/06/2011
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS OF VINYL COATING, WT OF ZINC COATING,
WT PER LENGTH
REMARK-------- : VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, TY B, AASHTO M181, ASTM F1043
DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58136 POST, LINE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B) EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12" UPDATED: 12/30/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS OF VINYL COATING, WT OF ZINC COATING,
WT PER LENGTH
REMARK-------- : VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, TY B, AASHTO M181
DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58137 POST, GATE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B) EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12" UPDATED: 12/30/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS OF VINYL COATING, WT OF ZINC COATING,
WT PER LENGTH
REMARK-------- : VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.27, TY B, AASHTO M181
DOMESTIC STEEL ACT APPLIES

--> MATERIAL: 58201 POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE) EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12" UPDATED: 12/30/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: THICKNESS OF VINYL COATING, WT OF ZINC COATING,
WT PER LENGTH
REMARK-------- : VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.28, TY A, ASTM F1083, HWY STD
DOMESTIC STEEL ACT APPLIES
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 575 FENCING

--- MATERIAL: 58207 POST, LINE, GALVANIZED WOVEN WIRE (STR. SHAPE) EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 POST WITH PLATE UPDATED: 05/01/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: TENS. & YIELD STRENGTH, WT OF COATING, WT/L
REMARK------- : VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.28, AASHTO M 281, HWY STD
DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 58208 POST, GATE, GALVANIZED, WOVEN WIRE (PIPE) EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12" UPDATED: 12/30/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: OUTSIDE & INSIDE DIA., WALL THICKNESS, WT/FT., WT OF COATING
(INSIDE & OUTSIDE)
REMARK------- : VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.28, AASHTO M281, HWY STD
DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 58213 POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE) TYPE B EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12" UPDATED: 01/06/2011
CONTAINER1: CONTAINER2:
MEASUREMENT---: WALL THICKNESS, WT/M, WT OF COATING
REMARK------- : VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,
SAMPLE AS INDICATED ABOVE.
SPECIFICATIONS: ART 1006.28, TY B, ASTM F1083
DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 58401 TENSION WIRE, GALVANIZED STEEL LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 36" UPDATED: 03/16/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: WIRE DIA., TENS & YIELD STRENGTH, REDUCTION IN AREA, WT OF
COATING
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.27, AASHTO M 181

--- MATERIAL: 58402 TENSION WIRE, VINYL COATED LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 36" UPDATED: 03/16/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: WIRE DIA., TENS. STRENGTH, WT OF COATING
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.27, AASHTO M 181
--- MATERIAL: 58404 TENSION WIRE, ALUM COATED LINF(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 36" UPDATED: 03/16/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: WIRE DIA., TENS. & YIELD STRENGTH, REDUCTION IN AREA, WT OF COATING
REMARK----------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.27, AASHTO M 181

--- MATERIAL: 58501 GATE, CHAIN LINK, SINGLE EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 12/30/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: OUTSIDE DIA., WALL THICKNESS, WT/L, WT OF COAT.
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.27, AASHTO M181, HWY STD

--- MATERIAL: 58502 GATE, CHAIN LINK, DOUBLE EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 12/30/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: OUTSIDE DIA., WALL THICKNESS, WT/L, WT OF COAT.
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.27, AASHTO M181, HWY STD

--- MATERIAL: 58504 GATE, CHAIN LINK, SPECIAL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/02/2012
CONTAINER1: CONTAINER2:
MEASUREMENT---: OUTSIDE DIA., WALL THICKNESS, WT/L, WT OF COAT.
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.27, SPEC PROV & CONTRACT PLANS

--- MATERIAL: 58505 GATE, WOVEN WIRE, SINGLE EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/15/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: OUTSIDE DIA., WALL THICKNESS, WT/L, WT OF COAT.
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.28, HWY STD
-- MATERIAL: 58506  GATE, WOVEN WIRE, DOUBLE  EA (EA )
DESC1:  18  DESC2:  19  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT  LA15
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/15/2008
CONTAINER1:  CONTAINER2:
MEASUREMENT---: OUTSIDE DIA., WALL THICKNESS, WT/L, WT OF COAT.
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.28, HWY STD

-- MATERIAL: 58511  GATE, TUBULAR STEEL  EA (EA )
DESC1:  DESC2:  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT  LA15
MATERIAL OWNER: MT
SAMPLE SIZE---:  UPDATED: 04/15/2008
CONTAINER1:  CONTAINER2:
MEASUREMENT---: IN ACCORDANCE WITH SPEC PROV
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: CONTRACT PLANS, SPEC PROV

-- MATERIAL: 58604  GLARE GUARD  LINFT (METER )
DESC1:  DESC2:  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION--: VIS
MATERIAL OWNER: MT
SAMPLE SIZE---:  2'4" X 12'2"  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: IN ACCORDANCE WITH SPECIAL PROVISIONS
REMARK------- : CBM WOULD LIKE TO TEST ALL NEW PRODUCERS
SPECIFICATIONS: CONTRACT PLANS, SPEC PROV
ART 1085.01
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 600 SIGNING

--> MATERIAL: 60101  SHEET, ALUMINUM, ASTM B 209, ALLOY 6061-T6  SQFT (SQ M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 TEST  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 @ 12" X 12" WITH 12" PARALLEL TO DIRECTION OF ROLLING  UPDATED: 05/15/2019
CONTAINER1:  08  CONTAINER2:
MEASUREMENT---:  DIM., YIELD & TENS. STRENGTH, ELONGATION, CONVERSION COAT
REMARK--------:  
SPECIFICATIONS:  ART 1090.02

--> MATERIAL: 60106  SHEET ALUMINUM, ASTM B 209, ALLOY 5052-H38  SQFT (SQ M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 TEST  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 @ 12" X 12" WITH 12" PARALLEL TO DIRECTION OF ROLLING  UPDATED: 05/15/2019
CONTAINER1:  08  CONTAINER2:
MEASUREMENT---:  DIM., YIELD & TENS. STRENGTH, ELONGATION, CONVERSION COAT
REMARK--------:  
SPECIFICATIONS:  ART 1090.02

--> MATERIAL: 60110  EXTRUSION, ALUMINUM, ASTM B221, ALLOY 6063-T6  SQFT (SQ M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM TEST  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 @ 12"  DIRECTION OF EXTRUSION  UPDATED: 05/03/2021
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  DIM., YIELD & TENS. STRENGTH, ELONGATION
REMARK--------:  VISUAL INSPECTION AT DESTINATION OR RANDOM SAMPLES
SPECIFICATIONS:  STD.SPECS FOR TRAFFIC CONTROL ITEMS, ART 1090.03, ASTM B221

--> MATERIAL: 60201  SHEETING, REFLECTIVE  SQFT (SQM )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 TEST  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 @ 13" X 13" PER LOT  UPDATED: 02/22/2019
CONTAINER1:  08  CONTAINER2:
MEASUREMENT---:  RETRO REFLECTIVE VALUE, ACCELERATED WEATHERING, COLOR, GLOSS
REMARK--------:  
SPECIFICATIONS:  ART 1091.03

--> MATERIAL: 60301  SHEETING, NONREFLECTIVE  SQFT ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM  MATERIAL OWNER: AC
SAMPLE SIZE---:  1 @ 13" X 13" PER LOT  UPDATED: 12/31/2020
CONTAINER1:  08  CONTAINER2:
MEASUREMENT---:  COLOR, GLOSS, THICKNESS
REMARK--------:  ACCEPTANCE SAMPLES TESTED BY CENTRAL BUREAU
SPECIFICATIONS:  ART 1091.03
## Manual for Materials Inspection - Part 2

**Material Group:** 600 Signing

### Material: 60401 - Beads, Small, Glass, Pavement Line Marking

- **Description:** Small Beads, Glass, Pavement Line Marking
- **Unit:** LB (M ton)
- **Method of Acceptance:** Test
- **Evidence of Inspection:** LA15 ILOK CBM
- **Sample Size:** 1 Quart per Lot
- **Container 1:** 05
- **Measurement:** Gradation, Imperfections, Flow Test, Chem. Stability, Index of Refraction, Silica Content, Heavy Metals
- **Remark:** See Shelf Life Document
- **Specifications:** Art 1095.07

### Material: 60407 - Beads, Big, Glass, Epoxy Pavement Marking

- **Description:** Big Beads, Glass, Epoxy Pavement Marking
- **Unit:** LB (M ton)
- **Method of Acceptance:** Test
- **Evidence of Inspection:** LA15 ILOK CBM
- **Sample Size:** 1 Quart per Lot
- **Container 1:** 05
- **Measurement:** Gradation, Imperfections, Index of Refraction, Silica Content, Heavy Metals
- **Remark:** See Shelf Life Document
- **Specifications:** Art 1095.04

### Material: 60410 - Bead, Glass Reflective Elements, White

- **Description:** White Bead, Glass Reflective Elements
- **Unit:** LB
- **Method of Acceptance:** Cert
- **Evidence of Inspection:** Cert LA15
- **Sample Size:**
- **Container 1:**
- **Measurement:**
- **Remark:**
- **Specifications:** Art 1095.08

### Material: 60411 - Bead, Glass Reflective Elements, Yellow

- **Description:** Yellow Bead, Glass Reflective Elements
- **Unit:** LB
- **Method of Acceptance:** Cert
- **Evidence of Inspection:** Cert LA15
- **Sample Size:**
- **Container 1:**
- **Measurement:**
- **Remark:**
- **Specifications:** Art 1095.08

### Material: 60601 - Post, Delineator, Galv. Steel Channel

- **Description:** Galvanized Steel Channel
- **Unit:** PC (EA)
- **Method of Acceptance:** Cert
- **Evidence of Inspection:** Cert LA15
- **Sample Size:** 1 @ 12" in diameter
- **Container 1:**
- **Measurement:** Dim., Yield & Tens. Strength, Elongation, Wt/L, Coating Thickness
- **Remark:** Domestic Steel Act Applies
- **Specifications:** Art 1006.29, HWY Std
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE---: 1 @ 12&quot;</td>
<td>UPDATED: 02/22/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRENGTH, ELONGATION, WT/L, COATING THICKNESS</td>
<td>REMARK-------- : DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.29, HWY STD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE---: 1 @ 12&quot;</td>
<td>UPDATED: 02/22/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS STRENGTH, ELONGATION, WT/L, COATING THICKNESS</td>
<td>REMARK-------- : DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.29, HWY STD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE---: 1 @ 12&quot;</td>
<td>UPDATED: 02/19/2009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRENGTH, ELONGATION, WT/L., COATING THICKNESS</td>
<td>REMARK-------- : DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.29, HWY STD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE---: 1 @ 12&quot;</td>
<td>UPDATED: 02/22/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRENGTH, ELONGATION, WT/L., COATING THICKNESS</td>
<td>REMARK-------- : DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.29, HWY STD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE---: 1 @ 12&quot;</td>
<td>UPDATED: 02/22/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRENGTH, ELONGATION</td>
<td>REMARK-------- : DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.29, TY C (NO PAINT OR GALV.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>POST, STRUCTURAL STEEL SHAPE, GRADE 36</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>--------------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC1:</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>2 @ 12&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED:</td>
<td>04/02/2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>STUB, STRUCTURAL STEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>15</td>
</tr>
<tr>
<td>DESC2:</td>
<td>24</td>
</tr>
<tr>
<td>DESC3:</td>
<td>12</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>Updated: 06/16/2009</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>POST, TUBULAR, RECTANGLE, ASTM A500</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>87</td>
</tr>
<tr>
<td>DESC2:</td>
<td>28</td>
</tr>
<tr>
<td>DESC3:</td>
<td>12</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LA15 ILOK TEST</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 @ 12&quot;</td>
</tr>
<tr>
<td>UPDATED:</td>
<td>05/15/2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>POST, TUBULAR, SQUARE, TELESCOPING</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>13</td>
</tr>
<tr>
<td>DESC2:</td>
<td>28</td>
</tr>
<tr>
<td>DESC3:</td>
<td>12</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>Field Inspection</td>
</tr>
<tr>
<td>UPDATED:</td>
<td>12/20/2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>STUB, TUBULAR RECTANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>87</td>
</tr>
<tr>
<td>DESC2:</td>
<td>28</td>
</tr>
<tr>
<td>DESC3:</td>
<td>12</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>Field Inspection</td>
</tr>
<tr>
<td>UPDATED:</td>
<td>05/15/2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>POST, TUBULAR, SQUARE, TELESCOPING</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>13</td>
</tr>
<tr>
<td>DESC2:</td>
<td>28</td>
</tr>
<tr>
<td>DESC3:</td>
<td>12</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>Field Inspection</td>
</tr>
<tr>
<td>UPDATED:</td>
<td>12/20/2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>STUB, TUBULAR RECTANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>87</td>
</tr>
<tr>
<td>DESC2:</td>
<td>28</td>
</tr>
<tr>
<td>DESC3:</td>
<td>12</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>.</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>Field Inspection</td>
</tr>
<tr>
<td>UPDATED:</td>
<td>05/15/2019</td>
</tr>
</tbody>
</table>
--- MATERIAL: 60906  BASE, TELESCOPING STEEL SIGN SUPPORT EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 12/30/2015
CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., APPROVED PAINT
REMARK-------: FASTENERS SHALL BE TESTED
  DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: HWY STD, ART 1093.02
  ASTM A126, CL A

--- MATERIAL: 61001  POST, WOOD LINFT(METER )
  METHOD OF ACCEPTANCE---: CERT VIS
  EVIDENCE OF INSPECTION: CERT MARK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 05/15/2019
CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., TREATMENT
REMARK-------: IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.
SPECIFICATIONS: SEC 1007

--- MATERIAL: 61204  REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE A EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: AC
SAMPLE SIZE---: 3 PIECES PER LOT UPDATED: 11/15/2017
CONTAINER1: 08 CONTAINER2: MEASUREMENT---: HEAT TEST, SEAL TEST, RETRO REFLECTIVITY, DIM
REMARK-------: SPECIFICATIONS: ART 1097.02

--- MATERIAL: 61205  REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE B EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: AC
SAMPLE SIZE---: 3 PIECES PER LOT UPDATED: 11/15/2017
CONTAINER1: 08 CONTAINER2: MEASUREMENT---: HEAT TEST, SEAL TEST, RETRO REFLECTIVITY, DIM
REMARK-------: SPECIFICATIONS: ART 1097.02

--- MATERIAL: 61206  REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE C EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: AC
SAMPLE SIZE---: 3 PIECES PER LOT UPDATED: 11/15/2017
CONTAINER1: 08 CONTAINER2: MEASUREMENT---: HEAT TEST, SEAL TEST, RETRO REFLECTIVITY, DIM
REMARK-------: SPECIFICATIONS: ART 1097.02
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>EA (EA)</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MATERIAL: 61207</strong></td>
<td>REFLECTOR, FOR DELINEATORS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC1:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---:</td>
<td>QUAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>3 PIECES PER LOT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>08 CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>HEAT TEST, SEAL TEST, RETRO REFLECTIVITY, DIM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-----------:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1097.03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MATERIAL: 61208</strong></td>
<td>REFLECTOR, CURB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC1:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---:</td>
<td>QUAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>3 PIECES PER LOT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>08 CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>HEAT TEST, SEAL TEST, RETRO REFLECTIVITY, DIM, LOAD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-----------:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1097.04</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MATERIAL: 61301</strong></td>
<td>SIGN, STANDARD-SPECIAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC1:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---:</td>
<td>TEST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LA15 TEST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>ALUMINIUM AND REFLECTIVE SHEETING BEFORE FABRICATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>08 CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., REFLECTIVE VALUE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-----------:</td>
<td>TO ASSIGN-CREATE NEW TESTID WITH COMPONENT TESTIDS IN REMARK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1090, 1091</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MATERIAL: 61302</strong></td>
<td>SIGN PANELS, COMPLETE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC1:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---:</td>
<td>TEST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LA15 TEST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>ALUMINIUM AND REFLECTIVE SHEETING BEFORE FABRICATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>08 CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., RETRO REFLECTIVITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-----------:</td>
<td>TO ASSIGN-CREATE NEW TESTID WITH COMPONENT TESTIDS IN REMARK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SEC 1090 &amp; 1091</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MATERIAL: 61303</strong></td>
<td>OVERHEAD SIGN STRUCTURE &amp; WALKWAYS (LINFT)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC1:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---:</td>
<td>CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>BB59 AND CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIMENSIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-----------:</td>
<td>FABRICATION CHECKED BY BBS, DOMESTIC STEEL ACT IF APPLICABLE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1094.01, CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MANUAL FOR MATERIALS INSPECTION - PART 2

**MATERIAL GROUP: 600 SIGNING**

#### MATERIAL: 61326 CONES, TRAFFIC, POLY VINYL CHLORIDE

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MATERIAL OWNER:** AC

**SAMPLE SIZE:** 2 CONES

**UPDATED:** 11/15/2017

**MEASUREMENT:** COLOR, HEIGHT, WT, PERCENT WT IN BASE, BASE SIZE, HEAT RESISTANCE, STACKING SPACERS, CONSTRUCTION

**REMARK:**

**SPECIFICATIONS:** TRAFFIC COMMODITY SPEC T-12

---

#### MATERIAL: 61337 CHANNELIZATION DRUM

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MATERIAL OWNER:** AC

**SAMPLE SIZE:** 1 EACH

**UPDATED:** 11/15/2017

**MEASUREMENT:** DIM, BASE CONS, SHEETING TYPE

**REMARK:**

**SPECIFICATIONS:** TRAFFIC COMMODITY SPEC T-31

---

#### MATERIAL: 61339 OVERHEAD SIGN STRUCTURE-SUPPORT

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>BB59 AND CERT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 11/30/2020

**MEASUREMENT:** DIMENSIONS

**REMARK:** FABRICATION CHECKED BY BBS

**SPECIFICATIONS:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1094.01, CONTRACT PLANS

---

#### MATERIAL: 61340 OVERHEAD SIGN STRUCTURE, CANTILEVER

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>BB59 AND CERT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 04/02/2012

**MEASUREMENT:** DIMENSIONS

**REMARK:** FABRICATION CHECKED BY BBS

**SPECIFICATIONS:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1094.01, CONTRACT PLANS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 600 SIGNING

--- MATERIAL: 61341 OVERHEAD SIGN STRUCTURE, TRUSS
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: BB59 AND CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 04/02/2012
CONTAINER1: CONTAINER2:
MEASUREMENT----: DIMENSIONS
REMARK--------: FABRICATION CHECKED BY BBS
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1094.01, CONTRACT PLANS

--- MATERIAL: 61343 TERMINAL MARKER, DIRECT APPLIED
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT
MATERIAL OWNER: AC
SAMPLE SIZE---: NONE REQUIRED
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT----: DIMENSIONS, WORKMANSHIP
REMARK--------: VERIFY 3" STRIPE & FLUORESCENT YELLOW SHEETING
SPECIFICATIONS: ART 1091.03
HWY STD 635006

--- MATERIAL: 61344 TERMINAL MARKER, POST MOUNTED
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT
MATERIAL OWNER: AC
SAMPLE SIZE---: NONE REQUIRED
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT----: DIMENSIONS, WORKMANSHIP
REMARK--------: VERIFY 3" STRIPE & FLUORESCENT YELLOW SHEETING
SPECIFICATIONS: ART 1091.03
HWY STD 635006

--- MATERIAL: 61346 POST (FLEXIBLE) AND REFLECTOR, DELINEATOR
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15
MATERIAL OWNER: AC
SAMPLE SIZE---:
UPDATED: 02/04/2020
CONTAINER1: CONTAINER2:
MEASUREMENT----: DIM., WORKMANSHIP
REMARK--------: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 61347 MARKER, FLEXIBLE PAVEMENT, TEMPORARY
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15
MATERIAL OWNER: AC
SAMPLE SIZE---: 3 EACH LOT
UPDATED: 11/15/2017
CONTAINER1: 08 CONTAINER2:
MEASUREMENT----: DIMENSIONS, RETROREFLECTIVE SHEETING TYPE, ADHESIVE PAD,
MARKER DESIGN, RELEASE PAPER
REMARK--------: PLACED PRIOR TO SURFACE TREATMENT, REMOVE PROTECTIVE SHIELD
SYSTEM AFTER TREATMENT IS APPLIED
SPECIFICATIONS: SPEC PROV FOR TEMPORARY FLEXIBLE RAISED PAVEMENT MARKER
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 615 JOINT FILLERS & SEALERS

--- MATERIAL: 61608  JOINT FILLER, PREFORMED POLYCHLOROPRENE (ROD STOCK)  LINFT (METER )
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: LA15  ILOK  MATERIAL OWNER: MT
  SAMPLE SIZE: 1 @ 2 FT.  UPDATED: 10/24/2018
  CONTAINER1:  CONTAINER2:
  MEASUREMENT:  RECOVERY
  REMARK:  ACCEPTANCE SAMPLE TESTED BY CENTRAL BUREAU
  SPECIFICATIONS:  ART 1051.08, BSP

--- MATERIAL: 61610  JOINT FILLER, PREFORMED POLYCHLOROPRENE FIBER  SQFT (SQ M )
  DESC1:  DESC2:  DESC3:  SMALLQTY: 300
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: TEST  LA15  MATERIAL OWNER: MT
  SAMPLE SIZE: 1 @ 2 SQ FT  UPDATED: 02/21/2020
  CONTAINER1:  CONTAINER2:
  MEASUREMENT:  COMPRESSION, RECOVERY, EXPANSION, DENSITY
  REMARK:  SPECIFICATIONS:  ART 1051.04, AASHTO M 213

--- MATERIAL: 61612  JOINT FILLER, PREFORMED CORK  SQFT (SQM )
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: TEST  LA15  MATERIAL OWNER: MT
  SAMPLE SIZE: 1 @ 2 SQ FT  UPDATED: 03/04/2020
  CONTAINER1:  CONTAINER2:
  MEASUREMENT:  COMPRESSION, RECOVERY, EXTRUSION, DENSITY, BOILING IN HYDROCHLORIC ACID
  REMARK:  SPECIFICATIONS:  ART 1051.07, AASHTO M 153M, TY III

--- MATERIAL: 61613  JOINT FILLER, PREFORMED SELF-EXPANDING CORK  SQFT ( )
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: TEST  LA15  MATERIAL OWNER: MT
  SAMPLE SIZE: 1 @ 2 SQ FT. PER 1,000 LIN. FT. CUT AT RANDOM FROM SEPARATE PIECES, MINIMUM 4" WIDE SAMPLE STRIPS
  CONTAINER1:  CONTAINER2:
  MEASUREMENT:  COMPRESSION, RECOVERY, EXTRUSION, DENSITY, BOILING IN HYDROCHLORIC ACID
  REMARK:  SPECIFICATIONS:  ART 1051.07, AASHTO M 153, TY III

--- MATERIAL: 61615  JOINT FILLER, PREFORMED FLEXIBLE FOAM  SQFT (SQ M )
  DESC1:  DESC2:  DESC3:  SMALLQTY: 300
  METHOD OF ACCEPTANCE: TEST
  EVIDENCE OF INSPECTION: TEST  LA15  MATERIAL OWNER: MT
  SAMPLE SIZE: 1 @ 2 SQ FT  UPDATED: 04/17/2019
  CONTAINER1:  CONTAINER2: 12
  MEASUREMENT:  COMPRESSION, WATER ABSORPTION, EXTRUSION, DIM., RECOVERY
  REMARK:  SPECIFICATIONS:  ART 1051.09
### Manual for Materials Inspection - Part 2

**Material Group: 615 Joint Fillers & Sealers**

<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>61701</td>
<td>Mastic, Concrete Pipe Sealer - Trowelable</td>
<td>Gallon</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Method of Acceptance:</strong> Cert</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Evidence of Inspection:</strong> Cert LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sample Size:</strong> 1 Quart per batch</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Measurement:</strong> Pen., loss on heating, inorganic content, flow, pliability</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Remark:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Specifications:</strong> Art 1055.01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>61704</td>
<td>Gasket, Prefomed Flexible for Concrete Pipe - Bitumen</td>
<td>Linear</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Method of Acceptance:</strong> Cert</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Evidence of Inspection:</strong> Cert LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sample Size:</strong> None required</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Remark:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Specifications:</strong> Art 1056.01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>61706</td>
<td>Gasket, Rubber</td>
<td>EA</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Method of Acceptance:</strong> Cert</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Evidence of Inspection:</strong> Cert LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sample Size:</strong> None required</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Remark:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Specifications:</strong> Art 1056.01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>61802</td>
<td>Water Seal, P.V.C.</td>
<td>Linear</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Method of Acceptance:</strong> Test</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Evidence of Inspection:</strong> LA15 Test</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sample Size:</strong> 1 @ 1 ft. per batch</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Remark:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Specifications:</strong> Art 1054.02</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>61904</td>
<td>Joint Sealer, Prefomed Compression, Pavement</td>
<td>Linear</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Method of Acceptance:</strong> Test</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Evidence of Inspection:</strong> LA15 Test CBM</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sample Size:</strong> 1 @ 6 ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Remark:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Specifications:</strong> Art 1053.01, ASTM D2628</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
--- MATERIAL: 61905 JOINT SEALER, PREFORMED COMPRESSION, BRIDGE LINFT(METER )
DESC1: 13 DESC2: DESC3: SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 TEST CBM MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 6 FT. UPDATED: 03/05/2019
CONTAINER1: 12 CONTAINER2:
MEASUREMENT---: TENS. STRTH, ELONG., HARD., HEAT AGING, RECOV. @ 50%
REMARK------- : SAMPLED AT FABRICATOR OR DISTRIBUTION CENTER.
CONTACT DIST.BUR.MATLS TO VERIFY APPROVED LOTS.
SPECIFICATIONS: ART 1053.02, AASHTO M 297

--- MATERIAL: 61906 JOINT SEALER, COLD-POURED LB (KG )
DESC1: DESC2: DESC3: SMALLQTY: 200
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST MATERIAL OWNER: BC
SAMPLE SIZE---: 1 GAL. PER BATCH UPDATED: 04/17/2019
CONTAINER1: 05 CONTAINER2:
MEASUREMENT---: PEN., FLOW, BOND
REMARK------- : SPECIFICATIONS: ART 1050.01, ASTM D1850

--- MATERIAL: 61907 JOINT SEALER, HOT-POURED LB (KG )
DESC1: DESC2: DESC3: SMALLQTY: 200
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST CBM MATERIAL OWNER: BC
SAMPLE SIZE---: 1 MFG SEALED BOX PER LOT UPDATED: 04/17/2019
CONTAINER1: 12 CONTAINER2:
MEASUREMENT---: BOND, SOFT PT., RESILIENCE, CONE PEN.
REMARK------- : SPECIFICATIONS: ART 1050.02, ASTM D6690 TY 2

--- MATERIAL: 61909 JOINT SEALER, STRIP LINFT(METER )
DESC1: 13 DESC2: DESC3: SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 TEST CBM MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 18 IN. UPDATED: 03/05/2019
CONTAINER1: 09 CONTAINER2:
MEASUREMENT---: TENS. STRENGTH, HARDNESS, ELONGATION
REMARK------- : DOMESTIC STEEL ACT APPLIES WHEN STEEL INCLUDED
SPECIFICATIONS: ART 1053.03, ASTM D5973

--- MATERIAL: 61910 JOINT SEALER, SILICONE GAL (LITER )
DESC1: DESC2: DESC3: SMALLQTY:. METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT MARK LA15 MATERIAL OWNER: AC
SAMPLE SIZE---: UPDATED: 06/16/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK------- : MARK IS OK IF IT CONTAINS SPECIFICATION REFERENCE;
OTHERWISE, CERT IS REQUIRED.
SPECIFICATIONS: GUIDE BRIDGE SPEC PROV FOR SILICONE BRIDGE JOINT SEALER
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 615 JOINT FILLERS & SEALERS

--> MATERIAL: 61912  JOINT SEALER, POLYSULFIDE  LB (KG )
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION--: CERT LA15  MATERIAL OWNER: AC
     SAMPLE SIZE---:  NONE  UPDATED: 06/16/2009
     CONTAINER1:  CONTAINER2:  MEASUREMENT---:  NONE
     REMARK--------:  MARK IS OK IF IT CONTAINS SPECIFICATION REFERENCE;
                        OTHERWISE, CERT IS REQUIRED.
     SPECIFICATIONS:  ART 1050.03

--> MATERIAL: 61913  JOINT SEALER, LONGITUDINAL  LB (KG )
     METHOD OF ACCEPTANCE---: QUAL TEST
     EVIDENCE OF INSPECTION--: LIST TEST AND BOL  MATERIAL OWNER: BC
     SAMPLE SIZE---:  1 QUART PER BATCH (APPLIES TO LIQUID PRODUCTS)  UPDATED: 02/27/2017
     CONTAINER1:  05  CONTAINER2:  MEASUREMENT---:  ODOR, STIFFNESS, M-VALUE, ASH, POLYMER SEPERATION,
                        MIGRATION TEST (HMA LAB)
     REMARK--------:  
     SPECIFICATIONS:  CBM SPEC PROV FOR HMA LONGITUDINAL JOINT SEALANT
                        ART 406.02(D)

--> MATERIAL: 61914  JOINT SEALER, POLYURETHANE  GAL (LITER )
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION--: CERT LA15  MATERIAL OWNER: AC
     SAMPLE SIZE---:  UPDATED: 02/02/2016
     CONTAINER1:  CONTAINER2:  MEASUREMENT---:  
     REMARK--------:  MARK IS OK IF IT CONTAINS SPECIFICATION REFERENCE;
                        OTHERWISE, CERT IS REQUIRED.
     SPECIFICATIONS:  ART 1050.04

--> MATERIAL: 61915  JOINT SEALER, PREFORM PRECOMPRESS, SILICONE, SELF-EXP SYSTEM LINFT(  )
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION--: CERT LA15  MATERIAL OWNER: MT
     SAMPLE SIZE---:  1 PIECE AT 5FT LONG  UPDATED: 09/20/2019
     CONTAINER1:  08  CONTAINER2:  MEASUREMENT---:  TENSILE, ELONGATION, HARDNESS, HEAT AGED, SPG, ABS, FLASH PT
     REMARK--------:  JOINT INSTALLATION SHALL BE PER MANUFACTURES INSTRUCTIONS
     SPECIFICATIONS:  GBSP 89 OR 93

--> MATERIAL: 62002  JOINT AND CRACK FILLER, ASPHALT GRADE PAF-2  TONS (M TON )
     DESC1:  DESC2:  DESC3:  SMALLQTY: 200
     METHOD OF ACCEPTANCE---: TEST
     EVIDENCE OF INSPECTION--: LA15 ILOK TEST  MATERIAL OWNER: BC
     SAMPLE SIZE---:  1 QUART PER BATCH  UPDATED: 04/17/2019
     CONTAINER1:  05  CONTAINER2:  MEASUREMENT---:  SPG, FLASH POINT, SOFTENING POINT, PEN. @ 32,77 &115F
                        DUCTILITY, SOLUBILITY, LOSS ON HEATING, PEN RET
     REMARK--------:  
     SPECIFICATIONS:  ART 1032.11
<table>
<thead>
<tr>
<th>MATERIAL: 62003</th>
<th>JOINT AND CRACK FILLER, ASPHALT GRADE PAF-3</th>
<th>TONS (M TON)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td>METHODS OF ACCEPTANCE: TEST</td>
<td>SMALLQTY: 200</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LA15 ILOK TEST</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 QUART PER BATCH</td>
<td>UPDATED: 04/17/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>--------------</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>SPG, FLASH POINT, SOFTENING POINT, PEN. @ 32,77 &amp;115F DUCTILITY, SOLUBILITY, LOSS ON HEATING, PEN RET</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1032.11</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 62006</th>
<th>JOINT AND CRACK FILLER, ASPHALT, FIBER MODIFIED</th>
<th>LB (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td>METHODS OF ACCEPTANCE: CERT</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 03/17/2020</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>CERTS SHOULD INCLUDE COMPONENT PRODUCER CERTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SUPP SPEC PROV - CHECK SHEETS 29, 30, 31</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 62101</th>
<th>EXPANSION JOINTS, NEOPRENE</th>
<th>LINF(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2: 63</td>
<td>DESC3: 65</td>
</tr>
<tr>
<td></td>
<td>METHODS OF ACCEPTANCE: TEST</td>
<td>SMALLQTY: 100</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LA15 TEST</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 @ 12&quot;</td>
<td>UPDATED: 04/09/2021</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>TENS. STRENGTH, ELONGATION, HARDNESS, COMPRESSION SET</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>ACCEPTANCE SAMPLE TESTED BY CBM</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1052.02</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 62103</th>
<th>EXPANSION JOINTS, EPDM</th>
<th>LINF(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2: 63</td>
<td>DESC3: 65</td>
</tr>
<tr>
<td></td>
<td>METHODS OF ACCEPTANCE: TEST</td>
<td>SMALLQTY: 100</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LA15 TEST CBM</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 @ 2 FT.</td>
<td>UPDATED: 04/09/2021</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>TENS. STRENGTH, HARDNESS, ELONGATION, COMPRESSION SET</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>ACCEPTANCE SAMPLE TESTED BY CBM</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1052.02, GBSP 89 &amp; 93</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 62106</th>
<th>EXPANSION JOINT, MODULAR</th>
<th>LINF(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2: 63</td>
<td>DESC3: 65</td>
</tr>
<tr>
<td></td>
<td>METHODS OF ACCEPTANCE: CERT</td>
<td>SMALLQTY: 100</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>NONE</td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>PROD MUST BE ON BBS APPROVED LIST FOR PREQUAL MOD EXP JOINTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>GUIDE BRIDGE SPEC PROV FOR MODULAR EXPANSION JOINT</td>
<td></td>
</tr>
</tbody>
</table>
--> MATERIAL: 62107 MAT, FABRIC REINFORCED ELASTOMERIC, TROUGH LINFT(METER )

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: LA15 TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3FT X 3FT UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:  
MEASUREMENT---: TENSILE STRENGTH, THICKNESS REMARK-------: ACCEPTANCE SAMPLE TESTED BY CBM
SPECIFICATIONS: ART 1028.01
MANUAL FOR MATERIALS INSPECTION - PART 2  
MATERIAL GROUP: 625 REINFORCING STEEL

---> MATERIAL: 62601  DOWEL BAR  PC (EA )
    METHOD OF ACCEPTANCE---: QUAL AND CERT
    EVIDENCE OF INSPECTION-: LIST AND CERT  
    MATERIAL OWNER: MT  
    SAMPLE SIZE---: 2 @ 6' LENGTH FOR EACH SIZE, GRADE & SOURCE  
    UPDATED: 03/05/2019
    CONTAINER1:  CONTAINER2:  
    MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION
    REMARK--------: CERT IS FOR DOMESTIC STEEL ACT
                    RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
    SPECIFICATIONS: ART 1006.11, AASHTO M227/227M
                    CBM POLICY MEMOS (REBAR PLT CERT PROC)

---> MATERIAL: 62603  DOWEL BAR, EPOXY COATED  PC (EA )
    METHOD OF ACCEPTANCE---: QUAL AND CERT
    EVIDENCE OF INSPECTION-: LIST AND CERT  
    MATERIAL OWNER: MT  
    SAMPLE SIZE---: 2 @ 6' LENGTH FOR EACH SIZE, GRADE & SOURCE  
    UPDATED: 03/05/2019
    CONTAINER1:  CONTAINER2:  
    MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION, COATING THICKNESS
    REMARK--------: CERT REQUIRED FOR COATING AND DOMESTIC STEEL ACT
                    RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
    SPECIFICATIONS: ART 1006.11, AASHTO M227/227M, AASHTO M 254
                    CBM POLICY MEMOS (REBAR & EPOXY COATING PLT CERT PROC)

---> MATERIAL: 62606  DOWEL BAR, DEFORMED, EPOXY COATED, STANDARD 2426  PC (PC )
    METHOD OF ACCEPTANCE---: QUAL AND CERT
    EVIDENCE OF INSPECTION-: LIST AND CERT  
    MATERIAL OWNER: MT  
    SAMPLE SIZE---: 2 @ 6' FOR EACH SIZE, GRADE & SOURCE  
    UPDATED: 03/05/2019
    CONTAINER1:  CONTAINER2:  
    MEASUREMENT---: YIELD, TENSILE STRENGTH, ELONGATION, COAT.THICKNESS, MARKINGS, WT/L
    REMARK--------: CERT IS FOR DOMESTIC STEEL ACT
                    RANDOM CHECK SAMPLES
    SPECIFICATIONS: ART 1006.10, ASTM A706, IDOT POLICY MEMOS

---> MATERIAL: 62607  DOWEL BAR, DEFORMED, PAVEMENT TIE OR MISC CONST  PC (PC )
    METHOD OF ACCEPTANCE---: QUAL AND CERT
    EVIDENCE OF INSPECTION-: LIST AND CERT  
    MATERIAL OWNER: MT  
    SAMPLE SIZE---: 2 @ 6' FOR EACH SIZE, GRADE & SOURCE  
    UPDATED: 03/05/2019
    CONTAINER1:  CONTAINER2:  
    MEASUREMENT---: YIELD, TENSILE STRENGTH, ELONGATION, MARKINGS, WT/L
    REMARK--------: CERT IS FOR DOMESTIC STEEL ACT
                    RANDOM CHECK SAMPLES
    SPECIFICATIONS: ART 1006.10, ASTM A706, IDOT POLICY MEMO

---> MATERIAL: 62608  DOWEL BAR, DEFORMED, EPOXY COATED, PAVEMENT TIE OR MISC CONST  PC (EA )
    METHOD OF ACCEPTANCE---: QUAL AND CERT
    EVIDENCE OF INSPECTION-: LIST AND CERT  
    MATERIAL OWNER: MT  
    SAMPLE SIZE---: 2 @ 6' FOR EACH SIZE, GRADE & SOURCE  
    UPDATED: 03/05/2019
    CONTAINER1:  CONTAINER2:  
    MEASUREMENT---: YIELD, TENSILE STRENGTH, ELONGATION, COAT.THICKNESS MARKINGS, WT/L
    REMARK--------: CERT IS FOR DOMESTIC STEEL ACT
                    RANDOM CHECK SAMPLES
    SPECIFICATIONS: ART 1006.10, ASTM A706, IDOT POLICY MEMOS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 625 REINFORCING STEEL

--> MATERIAL: 62702  DOWEL BAR, JOINT ASSEMBLY CONTRACTION  PC (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 18" LENGTH FOR EACH SIZE, GRADE & SOURCE  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM. (BARS & ASSEMBLY), YIELD & TENS. STRENGTH, ELONGATION, BEND TEST
REMARK--------: APPROVED FABRICATOR DRAWINGS REQUIRED
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.11, AASHTO M227/227M,
CBM POLICY MEMO (REBAR PLT. CERT. PROC.)

--> MATERIAL: 62705  DOWEL BAR, JOINT ASSEMBLY EXPANSION, EPOXY COATED  PC (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 18" LENGTH FOR EACH SIZE, GRADE & SOURCE  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM. (BARS & ASSEMBLY), YIELD & TENS. STRENGTH, ELONGATION, BEND TEST, COATING THICKNESS (BARS)
REMARK--------: APPROVED FABRICATOR DRAWINGS REQUIRED
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.11, AASHTO M227/227M, AASHTO M 254
CBM POLICY MEMOS (REBAR & EPOXY COATING PLT CERT PROC)

--> MATERIAL: 62706  DOWEL BAR, JOINT ASSEMBLY CONTRACTION, EPOXY COATED  PC (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM. (BARS & ASSEMBLY), YIELD & TENS. STRENGTH, ELONGATION, BEND TEST, COATING THICKNESS (BARS)
REMARK--------: APPROVED FABRICATOR DRAWINGS REQUIRED
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.11, AASHTO M227/227M, AASHTO M 254
CBM POLICY MEMOS (REBAR & EPOXY COATING PLT CERT PROC)

--> MATERIAL: 6280101  FABRIC, WELDED WIRE, DEFORM  SQYD (SQM )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION: LIST AND CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING <8" X 8")  UPDATED: 05/15/2019
1 @ 4' X 4' FOR EACH SIZE & SOURCE (OPENING >=8" X 8")
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, BEND TEST, WELD SHEAR, WT/L OF WIRE
REMARK--------: RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: ART 1006.10, AASHTO M 221, CBM POLICY MEMO
(REINFORCEMENT FABRIC PLANT CERT. PROCEDURE)
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 625 REINFORCING STEEL

--- MATERIAL: 6280102    FABRIC PAVEMENT, WELDED WIRE, DEFORM     SQYD (SQM )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING < 8" X 8")
1 @ 4' X 4' FOR EACH SIZE & SOURCE (OPENING >=8" X 8")
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, BEND TEST, WELD SHEAR, WT/L OF WIRE
REMARK--------: RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS:  ART 1006.10, AASHTO M 221, CBM POLICY MEMO
(REINFORCEMENT FABRIC PLANT CERT. PROCEDURE)

--- MATERIAL: 6280105    FABRIC PAVEMENT, WELDED WIRE, DEFORM, EPOXY     SQYD (SQ M )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING > 8" X 8")
1 @ 4' X 4' FOR EACH SIZE & SOURCE (OPENING >=8" X 8")
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, BEND TEST, WELD SHEAR, WT/L OF WIRE, COATING THICKNESS
REMARK--------: RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS:  ART 1006.10, AASHTO M55, AASHTO M221, CBM POLICY MEMOS
(REINFORCEMENT FABRIC & EPOXY COATING PLANT CERT. PROC)

--- MATERIAL: 6280201    FABRIC, WELDED WIRE, SMOOTH & DEFORM     SQYD (SQ M )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING < 8" X 8")
1 @ 4' X 4' FOR EACH SIZE & SOURCE (OPENING >=8" X 8")
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, BEND TEST, WELD SHEAR, WT/L OF DEFORMED WIRE
REMARK--------: RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS:  ART 1006.10, AASHTO M55, AASHTO M221, CBM POLICY MEMO
(REINFORCEMENT FABRIC PLANT CERT. PROCEDURE)

--- MATERIAL: 6280301    FABRIC, WELDED WIRE, SMOOTH     SQYD (SQM )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING < 8" X 8")
1 @ 4' X 4' FOR EACH SIZE & SOURCE (OPENING >=8" X 8")
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, BEND TEST, WELD SHEAR
REMARK--------: RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS:  ART 1006.10, AASHTO M55, CBM POLICY MEMO
(REINFORCEMENT FABRIC PLANT CERT. PROCEDURE)
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 625 REINFORCING STEEL

--- MATERIAL: 6280302  FABRIC PAVEMENT, WELDED WIRE, SMOOTH
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION: LIST AND CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING < 8" X 8")  UPDATED: 05/15/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, BEND TEST, WELD SHEAR
REMARK-------- : RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: ART 1006.10, AASHTO M55, CBM POLICY MEMO
(REINFORCEMENT FABRIC PLANT CERT. PROCEDURE)

--- MATERIAL: 6280303  FABRIC, WELDED WIRE, SMOOTH, GALV.
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION: LIST AND CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING < 8" X 8")  UPDATED: 05/15/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, COATING THICKNESS, WELD SHEAR
REMARK-------- : RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, CBM POLICY MEMO
(REINFORCEMENT FABRIC PLANT CERT. PROCEDURE)

--- MATERIAL: 6280304  FABRIC, WELDED WIRE, SMOOTH, EPOXY COATED
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION: LIST AND CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING < 8" X 8")  UPDATED: 05/15/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, BEND TEST, WELD SHEAR, COATING THICKNESS
REMARK-------- : RANDOM SAMPLE REQUIRED (SEE POLICY MEMO FOR FREQUENCY)
CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, CBM POLICY MEMO
(REINFORCEMENT FABRIC & EPOXY COATING PLANT CERT. PROC)

--- MATERIAL: 62804  BAR MAT, FABRICATED, DEFORMED MEMBERS
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 3' X 3' FOR EACH SIZE & SOURCE (OPENING < 8" X 8")  UPDATED: 05/15/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRTH., WELD SHEAR, ELONG., BEND TEST, WT./L. (BARS), MARKINGS (BARS)
REMARK-------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.10, AASHTO M54, CBM POLICY MEMO
(REINFORCEMENT FABRIC PLANT CERT PROCEDURE)
<table>
<thead>
<tr>
<th>MATERIAL: 6291660</th>
<th>BAR, DEFORM BILLET, ASTM A-706 60</th>
<th>LB (KG )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL AND CERT</td>
<td>EVIDENCE OF INSPECTION--: LIST AND CERT AND MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE &amp; SOURCE</td>
<td>UPDATED: 02/09/2015</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: YIELD &amp; TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.10, IDOT POLICY MEMO (RE-BAR PLANT CERT. PROCEDURE)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 6291760</th>
<th>BAR, SMOOTH BILLET, ASTM A-706 60</th>
<th>LB (KG )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL AND CERT</td>
<td>EVIDENCE OF INSPECTION--: LIST AND CERT AND MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE &amp; SOURCE</td>
<td>UPDATED: 10/10/2017</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: YIELD &amp; TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.10, IDOT POLICY MEMO (RE-BAR PLANT CERT. PROCEDURE)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 6291860</th>
<th>BAR, DEFORM BILLET, ASTM A-706 60 EPOXY COATED</th>
<th>LB (KG )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL AND CERT</td>
<td>EVIDENCE OF INSPECTION--: LIST AND CERT AND MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE &amp; SOURCE</td>
<td>UPDATED: 12/30/2015</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: YIELD &amp; TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS, COATING THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.10, IDOT POLICY MEMOS (RE-BAR PLANT CERT. PROC) (EPOXY COATING PLANT CERT PROC)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 6291960</th>
<th>BAR, SMOOTH BILLET, ASTM A-706 60 EPOXY COATED</th>
<th>LB (KG )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL AND CERT</td>
<td>EVIDENCE OF INSPECTION--: LIST AND CERT AND MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE &amp; SOURCE</td>
<td>UPDATED: 12/30/2015</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: YIELD &amp; TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS, COATING THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : CERT IS FOR DOMESTIC STEEL ACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.10, IDOT POLICY MEMO (RE-BAR PLANT CERT PROC) (EPOXY COATING PLANT CERT PROC)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 6292060</th>
<th>BAR, DEFORM BILLET, ASTM A-706 60 TEXTURED EPOXY COATED</th>
<th>LB (KG )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
<td>EVIDENCE OF INSPECTION--: TEST AND MARK</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE &amp; SOURCE</td>
<td>UPDATED: 03/20/2020</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: YIELD &amp; TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS, COATING THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------- : DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.10, SPEC PROV, IDOT POLICY MEMOS (REBAR, EPOXY COATING &amp; TEXTURED SYSTEM PLANT CERT PROC)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 625 REINFORCING STEEL

---
<table>
<thead>
<tr>
<th>MATERIAL: 62921</th>
<th>BAR, DEFORM, A-615</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 39</td>
<td>DESC2: 30</td>
<td>DESC3: 74</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST AND CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>TEST AND CERT MARK</td>
<td>UPDATED: 03/05/2018</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>2 @ 6FT FOR EACH SIZE &amp; SOURCE</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>CERT IS FOR DOMESTIC STEEL ACT</td>
<td>SHOULD BE USED FOR NTPEP ONLY, UNLESS SP CALLS FOR IT</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>CONTRACT SPEC PROV, ASTM A615</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 62922</th>
<th>BAR, SMOOTH, A-615</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 39</td>
<td>DESC2: 30</td>
<td>DESC3: 74</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST AND CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>TEST AND CERT</td>
<td>UPDATED: 03/05/2018</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>2 @ 6FT FOR EACH SIZE &amp; SOURCE</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>CERT IS FOR DOMESTIC STEEL ACT</td>
<td>SHOULD BE USED FOR NTPEP ONLY, UNLESS SP CALLS FOR IT</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>CONTRACT SPEC PROV, ASTM A615</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 6292360</th>
<th>HEADED BAR, DEFORM, ASTM A-706 60, CLASS HA</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 39</td>
<td>DESC2: 79</td>
<td>DESC3: 74</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>TEST AND MARK</td>
<td>UPDATED: 03/09/2018</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>3 @ 4FT FOR EACH SIZE &amp; SOURCE PER PROJECT</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>SPECIFICATIONS:</td>
</tr>
<tr>
<td>CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 6292460</th>
<th>HEADED BAR, DEFORM, ASTM A-706 60, CLASS HA, EPOXY COATED</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 39</td>
<td>DESC2: 79</td>
<td>DESC3: 74</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>TEST AND MARK</td>
<td>UPDATED: 03/09/2018</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>3 @ 4FT FOR EACH SIZE &amp; SOURCE PER PROJECT</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>SPECIFICATIONS:</td>
</tr>
<tr>
<td>CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 62925</th>
<th>BAR, STAINLESS STEEL, DEFORMED, ASTM A955</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 39</td>
<td>DESC2: 30</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST AND CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>TEST AND CERT MARK</td>
<td>UPDATED: 12/17/2018</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>2 @ 6FT FOR EACH SIZE &amp; SOURCE</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>MEASUREMENT:</td>
</tr>
<tr>
<td>REMARK:</td>
<td>CERT IS FOR DOMESTIC STEEL ACT</td>
<td>SHOULD BE USED FOR NTPEP ONLY, UNLESS SP CALLS FOR IT</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>FOR NTPEP USE</td>
<td></td>
</tr>
<tr>
<td>CONTRACT SPEC PROV, ASTM A955</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 625 REINFORCING STEEL

--- MATERIAL: 63001 WIRE, COLD DRAWN, SMOOTH
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: MATERIAL OWNER: MT
  SAMPLE SIZE---: 3FT LENGTH FOR EACH SIZE & SOURCE
  UPDATED: 04/02/2012
  CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., BEND TEST, YIELD & TENS. STRENGTH, REDUCTION IN AREA
  REMARK--------: DOMESTIC STEEL ACT APPLIES
  LAB USE ONLY
  SPECIFICATIONS: ART 1006.10, AASHTO M 32

--- MATERIAL: 63102 STRAND, 7 WIRE, PRESTRESSING, GRADE 270 LINFT(METER)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: MATERIAL OWNER: MT
  SAMPLE SIZE---: 2 @ 48" LONG FOR EACH REEL
  UPDATED: 04/23/2020
  CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., TENS. & YIELD STRENGTH, MODULUS OF ELASTICITY, ELONGATION
  REMARK--------: ACCEPTANCE SAMPLES TESTED BY CBM
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.10, AASHTO M 203

--- MATERIAL: 63105 STRAND, 7 WIRE, PRESTRESSING, GRADE 270 LOWRELAX LINFT(METER)
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: MATERIAL OWNER: MT
  SAMPLE SIZE---: 2 @ 48" LONG FOR EACH REEL
  UPDATED: 04/23/2020
  CONTAINER1: CONTAINER2: MEASUREMENT---: DIM., TENS. & YIELD STRENGTH, MODULUS OF ELASTICITY, ELONGATION
  REMARK--------: ACCEPTANCE SAMPLES TESTED BY CBM
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.10, AASHTO M 203

--- MATERIAL: 63203 BAR SPLICER (COUPLER)
  METHOD OF ACCEPTANCE---: QUAL AND CERT
  EVIDENCE OF INSPECTION: LIST AND CERT MATERIAL OWNER: MT
  SAMPLE SIZE---: 3 ASSEMBLIES EACH SIZE & SOURCE WHEN TOTAL CONTRACT
  UPDATED: 02/27/2017
  QNT OF ALL SPLICERS EXCEEDS 100
  CONTAINER1: CONTAINER2: MEASUREMENT---: TENS. STRENGTH
  REMARK--------: MIN. 18" OF REBAR ON EACH SIDE OF SPLICER
  ACCEPT SAMP TESTD BY CBM, CERT IS FOR DOMESTIC STEEL ACT
  SPECIFICATIONS: ART 1006.10

--- MATERIAL: 63204 BAR SPLICER (COUPLER) EPOXY COATED
  METHOD OF ACCEPTANCE---: QUAL AND CERT
  EVIDENCE OF INSPECTION: LIST AND CERT MATERIAL OWNER: MT
  SAMPLE SIZE---: 3 ASSEMBLIES EACH SIZE & SOURCE WHEN TOTAL CONTRACT
  UPDATED: 02/27/2017
  QNT OF ALL SPLICERS EXCEEDS 100
  CONTAINER1: CONTAINER2: MEASUREMENT---: TENS. STRENGTH
  REMARK--------: MIN. 18" OF REBAR ON EACH SIDE OF SPLICER
  ACCEPT SAMP TESTD BY CBM, CERT IS FOR DOMESTIC STEEL ACT
  SPECIFICATIONS: ART 1006.10,
  EPOXY COATING PLANT CERT PROC
MATERIAL GROUP: 650 STRUCTURAL STEEL

--- MATERIAL: 6510736 BAR, GRADE 36 LB
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE--:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK--------: DOMESTIC STEEL ACT APPLIES BB59-BB559
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
   BRIDGE OFFICE COLLECTS DOCUMENTS

--- MATERIAL: 6510750 BAR, GRADE 50 LB
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE--:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK--------: DOMESTIC STEEL ACT APPLIES BB59-BB559
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
   BRIDGE OFFICE COLLECTS DOCUMENTS

--- MATERIAL: 65107501 BAR, GRADE 50W LB
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE--:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK--------: DOMESTIC STEEL ACT APPLIES BB59-BB559
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
   BRIDGE OFFICE COLLECTS DOCUMENTS

--- MATERIAL: 65107701 BAR, GRADE 70W LB
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE--:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK--------: DOMESTIC STEEL ACT APPLIES BB59-BB559
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
   BRIDGE OFFICE COLLECTS DOCUMENTS

--- MATERIAL: 6521336 PLATE, GRADE 36 LB
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE--:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK--------: DOMESTIC STEEL ACT APPLIES BB59-BB559
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
   BRIDGE OFFICE COLLECTS DOCUMENTS
### Material Group: 650 Structural Steel

#### Material: 6521350 Plate, Grade 50

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL GROUP</th>
<th>MATERIAL</th>
<th>GRADE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>13</td>
<td>12</td>
<td></td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>650</td>
<td>6521350</td>
<td>50</td>
<td>SPEC PROV, AASHTO M-270</td>
</tr>
</tbody>
</table>

Sample Size: 40/32/6 | Updated: 04/02/2014

Container 1

REMARK: DOMESTIC STEEL ACT APPLIES BB59-BB559

### Material: 65213501 Plate, Grade 50W

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL GROUP</th>
<th>MATERIAL</th>
<th>GRADE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>13</td>
<td>12</td>
<td></td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>650</td>
<td>6521350</td>
<td>50W</td>
<td>SPEC PROV, AASHTO M-270</td>
</tr>
</tbody>
</table>

Sample Size: 40/32/6 | Updated: 05/15/2019

Container 1

REMARK: DOMESTIC STEEL ACT APPLIES BB59-BB559

### Material: 65213701 Plate, Grade 70W

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL GROUP</th>
<th>MATERIAL</th>
<th>GRADE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>13</td>
<td>12</td>
<td></td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>650</td>
<td>65213701</td>
<td>70W</td>
<td>SPEC PROV, AASHTO M-270</td>
</tr>
</tbody>
</table>

Sample Size: 40/32/6 | Updated: 05/15/2019

Container 1

REMARK: DOMESTIC STEEL ACT APPLIES BB59-BB559

### Material: 6530736 Shape, Grade 36

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL GROUP</th>
<th>MATERIAL</th>
<th>GRADE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>24</td>
<td>12</td>
<td></td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>650</td>
<td>6530736</td>
<td>36</td>
<td>SPEC PROV, AASHTO M-270</td>
</tr>
</tbody>
</table>

Sample Size: 40/32/6 | Updated: 05/15/2019

Container 1

REMARK: DOMESTIC STEEL ACT APPLIES BB59-BB559

### Material: 6530750 Shape, Grade 50

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL GROUP</th>
<th>MATERIAL</th>
<th>GRADE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>24</td>
<td>12</td>
<td></td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>650</td>
<td>6530750</td>
<td>50</td>
<td>SPEC PROV, AASHTO M-270</td>
</tr>
</tbody>
</table>

Sample Size: 40/32/6 | Updated: 05/15/2019

Container 1

REMARK: DOMESTIC STEEL ACT APPLIES BB59-BB559

BRIDGE OFFICE COLLECTS DOCUMENTS

---

**Manual of Materials Inspection - Part 2**

Page 290 of 344 | Manual of Materials Inspection | 5/31/2021
### MATERIAL: 65307501  SHAPE, GRADE 50W
- **DESC1:** 15  **DESC2:** 24  **DESC3:** 12
- **SMALLQTY:** .
- **METHOD OF ACCEPTANCE:** CERT
- **EVIDENCE OF INSPECTION:** BB59 AND CERT
- **MATERIAL GROUP:** 650 STRUCTURAL STEEL
- **MATERIAL OWNER:** MT
- **UPDATED:** 05/15/2019
- **CONTAINER1:**
- **CONTAINER2:**
- **REMARK:** DOMESTIC STEEL ACT APPLIES BB59=BB559
- **SPECIFICATIONS:** SPEC PROV, AASHTO M-270
- **BRIDGE OFFICE COLLECTS DOCUMENTS**

### MATERIAL: 65307701  SHAPE, GRADE 70W
- **DESC1:** 15  **DESC2:** 24  **DESC3:** 12
- **SMALLQTY:** .
- **METHOD OF ACCEPTANCE:** CERT
- **EVIDENCE OF INSPECTION:** BB59 AND CERT
- **MATERIAL GROUP:** 650 STRUCTURAL STEEL
- **MATERIAL OWNER:** MT
- **UPDATED:** 05/15/2019
- **CONTAINER1:**
- **CONTAINER2:**
- **REMARK:** DOMESTIC STEEL ACT APPLIES BB59=BB559
- **SPECIFICATIONS:** SPEC PROV, AASHTO M-270
- **BRIDGE OFFICE COLLECTS DOCUMENTS**

### MATERIAL: 65407  TEE, EXPANSION JOINT
- **DESC1:** 15  **DESC2:** 24  **DESC3:** 12
- **SMALLQTY:** .
- **METHOD OF ACCEPTANCE:** CERT
- **EVIDENCE OF INSPECTION:** BB59 AND CERT
- **MATERIAL GROUP:** 650 STRUCTURAL STEEL
- **MATERIAL OWNER:** MT
- **UPDATED:** 04/15/2008
- **CONTAINER1:**
- **CONTAINER2:**
- **REMARK:** DOMESTIC STEEL ACT APPLIES BB59=BB559
- **SPECIFICATIONS:** SPEC PROV, AASHTO M-270
- **BRIDGE OFFICE COLLECTS DOCUMENTS**

### MATERIAL: 6541036  SHAPE ANGLES GRADE 36
- **DESC1:** 52  **DESC2:** 16  **DESC3:** 12
- **SMALLQTY:** .
- **METHOD OF ACCEPTANCE:** CERT
- **EVIDENCE OF INSPECTION:** BB59 AND CERT
- **MATERIAL GROUP:** 650 STRUCTURAL STEEL
- **MATERIAL OWNER:** MT
- **UPDATED:** 05/15/2019
- **CONTAINER1:**
- **CONTAINER2:**
- **REMARK:** DOMESTIC STEEL ACT APPLIES BB59=BB559
- **SPECIFICATIONS:** SPEC PROV, AASHTO M-270
- **BRIDGE OFFICE COLLECTS DOCUMENTS**

### MATERIAL: 6541050  SHAPE ANGLES GRADE 50
- **DESC1:** 52  **DESC2:** 16  **DESC3:** 12
- **SMALLQTY:** .
- **METHOD OF ACCEPTANCE:** CERT
- **EVIDENCE OF INSPECTION:** BB59 AND CERT
- **MATERIAL GROUP:** 650 STRUCTURAL STEEL
- **MATERIAL OWNER:** MT
- **UPDATED:** 05/15/2019
- **CONTAINER1:**
- **CONTAINER2:**
- **REMARK:** DOMESTIC STEEL ACT APPLIES BB59=BB559
- **SPECIFICATIONS:** SPEC PROV, AASHTO M-270
- **BRIDGE OFFICE COLLECTS DOCUMENTS**
<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Unit</th>
<th>Weight</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Sample Size</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>65410501</td>
<td>65410501 SHAPE ANGLES GRADE 50W</td>
<td>LB</td>
<td>( )</td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>UPDATED: 05/15/2019</td>
<td>DOMESTIC STEEL ACT APPLIES BB59=BB599</td>
<td>SPEC PROV, AASHTO M-270 BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65410701</td>
<td>65410701 SHAPE ANGLES GRADE 70W</td>
<td>LB</td>
<td>( )</td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>UPDATED: 05/15/2019</td>
<td>DOMESTIC STEEL ACT APPLIES BB59=BB599</td>
<td>SPEC PROV, AASHTO M-270 BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65498</td>
<td>65498 STRUCTURAL STEEL, MISCELLANEOUS</td>
<td>LB (KG)</td>
<td>( )</td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>UPDATED: 04/15/2008</td>
<td>DOMESTIC STEEL ACT APPLIES BB59=BB599</td>
<td>SPEC PROV, AASHTO M-270 BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65499</td>
<td>65499 STRUCTURAL STEEL, MISCELLANEOUS</td>
<td>EA (EA)</td>
<td>( )</td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>UPDATED: 04/15/2008</td>
<td>DOMESTIC STEEL ACT APPLIES BB59=BB599</td>
<td>SPEC PROV, AASHTO M-270 BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65501</td>
<td>65501 BOLT, ASTM A 325, TYPE 1</td>
<td>LB (EA)</td>
<td>( )</td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>UPDATED: 03/05/2019</td>
<td>DOMESTIC STEEL ACT APPLIES BB59=BB599</td>
<td>SPEC PROV, AASHTO M-270 BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>TYPE</td>
<td>DESCRIPTION</td>
<td>QUANTITY</td>
<td>METHOD OF ACCEPTANCE</td>
<td>EVIDENCE OF INSPECTION</td>
<td>MATERIAL OWNER</td>
<td>SAMPLING</td>
<td>CONTAINER</td>
<td>MEASUREMENT</td>
<td>REMARK</td>
</tr>
<tr>
<td>----------</td>
<td>------</td>
<td>-------------</td>
<td>----------</td>
<td>----------------------</td>
<td>------------------------</td>
<td>----------------</td>
<td>----------</td>
<td>-----------</td>
<td>-------------</td>
<td>---------</td>
</tr>
<tr>
<td>65503</td>
<td>BOLT</td>
<td>ASTM A 325, TYPE 3</td>
<td>LB</td>
<td>TEST</td>
<td>CBM LA15 ILOK TEST</td>
<td>MT</td>
<td>5</td>
<td>04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65504</td>
<td>PIN</td>
<td>BRIDGE BEARING</td>
<td>PC</td>
<td>CERT</td>
<td>BB59 AND CERT</td>
<td>MT</td>
<td>5</td>
<td>04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65507</td>
<td>BOLT</td>
<td>ASTM A325, TYPE 1, ROUND HEAD, TORQUE TWIST OFF</td>
<td>LB</td>
<td>TEST</td>
<td>CBM LA15 ILOK TEST</td>
<td>MT</td>
<td>5</td>
<td>04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65511</td>
<td>PIN</td>
<td>BRIDGE, STAINLESS STEEL, NITRONIC 60</td>
<td>PC</td>
<td>CERT</td>
<td>CERT</td>
<td>MT</td>
<td>5</td>
<td>04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65601</td>
<td>NUT</td>
<td>ASTM A 194 GRADE 2</td>
<td>LB</td>
<td>TEST</td>
<td>CBM LA15 ILOK TEST</td>
<td>MT</td>
<td>5</td>
<td>04</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Manual for Materials Inspection - Part 2

**Material Group:** 650 Structural Steel

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Weight</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Container</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>65602</td>
<td>NUT, ASTM A 194, Grade 2H</td>
<td>LB ( )</td>
<td>TEST</td>
<td>CBM LA15 ILOK TEST</td>
<td>11, 04</td>
<td>DIM., MARKINGS</td>
<td>ACCEPTANCE SAMPLES AT DESTINATION ROTATION CAP DOC REQUIRED</td>
<td>ART 1006.29, ASTM A194/194M</td>
</tr>
<tr>
<td>65603</td>
<td>NUT, ASTM A 563, Grade C</td>
<td>LB (EA)</td>
<td>TEST</td>
<td>CBM LA15 ILOK TEST</td>
<td>11, 04</td>
<td>DIM., MARKINGS</td>
<td>ACCEPTANCE SAMPLES AT DESTINATION ROTATION CAP DOC REQUIRED</td>
<td>ART 1006.08, ASTM A563</td>
</tr>
<tr>
<td>65606</td>
<td>NUT, ASTM A 563, Grade DH</td>
<td>LB (EA)</td>
<td>TEST</td>
<td>CBM LA15 ILOK TEST</td>
<td>11, 04</td>
<td>DIM., MARKINGS</td>
<td>ACCEPTANCE SAMPLES AT DESTINATION ROTATION CAP DOC REQUIRED</td>
<td>ART 1006.08, ASTM A563</td>
</tr>
<tr>
<td>65610</td>
<td>WASHER, ASTM F 436, Carbon Steel</td>
<td>PC (EA)</td>
<td>CERT</td>
<td>CERT LA15 ILOK</td>
<td>11, 04</td>
<td>DIM., MARKINGS</td>
<td>ACCEPTANCE SAMPLES AT DESTINATION ROTATION CAP DOC REQUIRED</td>
<td>ART 1006.08, ASTM F436</td>
</tr>
</tbody>
</table>

**Updated:** 5/31/2021
### MATERIAL: 65702  
**WASHER, ASTM F 436, WEATHERING STEEL**  
**LB ( )**

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: CBM LA15 ILOK TEST  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: 5 PIECES PER LOT  
**UPDATED**: 10/10/2017

**CONTAINER1**: 11  
**CONTAINER2**:  

**MEASUREMENT**: DIM., HARDNESS, MARKINGS  
**REMARK**: ACCEPTANCE SAMPLES AT DESTINATION (ROTATION CAP DOC REQUIRED)  
**SPECIFICATIONS**: ART 1006.08, ASTM F436  
**DOMESTIC STEEL ACT APPLIES**

---

### MATERIAL: 65801  
**CONNECTORS, STUD SHEAR**  
**PC (EA )**

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: CERT  
**EVIDENCE OF INSPECTION**: MARK AND CERT LA15  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: 5 PIECES PER LOT  
**UPDATED**: 02/27/2017

**CONTAINER1**: 11  
**CONTAINER2**:  

**MEASUREMENT**: DIM., TENS. STRENGTH, ELONGATION, REDUCTION OF AREA  
**CHEM**  
**REMARK**: VERIFY MARKINGS IN FASTENER GUIDE AND CHECK SIZE FOR CONTRACT COMPLIANCE. DOMESTIC STEEL ACT APPLIES  
**SPECIFICATIONS**: ART 1006.32, AASHTO M 169, BWS

---

### MATERIAL: 66001  
**FORGINGS, STEEL (FOR BRIDGES)**  
**EA ( )**

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: CERT  
**EVIDENCE OF INSPECTION**: CERT LA15  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: FIELD INSPECTION  
**UPDATED**: 07/21/2020

**CONTAINER1**:  
**CONTAINER2**:  

**MEASUREMENT**: DIM., APPEARANCE & HARDNESS OF FORGING, YIELD & TENS. STRENGTH, ELONG. & REDUCTION OF AREA OF TEST BAR  
**REMARK**: DOMESTIC STEEL ACT APPLIES  
**SPECIFICATIONS**: CONTRACT PLANS, ASTM A 668
-- MATERIAL: 67601  BOLT, ANCHOR, GALV. (STD. SPEC.)  
DESC1: 14  DESC2: 12  DESC3: 53

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST
MATERIAL OWNER: MT
SAMPLE SIZE---: 1 PIECE OF EACH FULL SIZE OR 3FT PLUS THREADS FROM EACH
HEAT/LOT
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, COATING THICKNESS, COATED
LENGTH, CHARPY V NOTCH FOR G55 & G105
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.09, SPEC PROV

-- MATERIAL: 67602  BOLT, ANCHOR, J HOOK, EXPANSION (STD. SPEC.)  
DESC1: 14  DESC2: 12  DESC3: 53

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST
MATERIAL OWNER: MT
SAMPLE SIZE---: 1 PIECE OF EACH FULL SIZE OR 3FT PLUS THREADS FROM EACH
HEAT/LOT
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.09, SPEC PROV

-- MATERIAL: 67608  BOLT, ASTM A 193, GRADE B8, CLASS 1  
DESC1: 14  DESC2: 12  DESC3: 53

METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, CHEM., MARKINGS, ELONGATION,
HARDNESS, REDUCTION OF AREA
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.31, ASTM A193,GR B8, CL 1
SPEC PROV & CONTRACT PLANS

-- MATERIAL: 67612  BOLT, ASTM A 307 GRADE A OR B  
DESC1: 14  DESC2: 12  DESC3: 53

METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, HARDNESS, TENS. STRTH FOR FULL SIZE
BOLTS, & ELONG. FOR MACH. BOLTS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV & CONTRACT PLANS, ASTM A307, GR A OR B
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

--- MATERIAL: 67614  BOLT, ASTM A 307 GRADE A OR B GALV.  LB ( )
METHOD OF ACCEPTANCE---: TEST  CERT
EVIDENCE OF INSPECTION: CBM  LA15  ILOK  TEST  CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARK., HARD., TENS. STRTH FOR FULL SIZE BOLTS, & ELONG. FOR MACH. BOLT, COAT. THICK.
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.25 OR 1006.27, SPEC PROV & CONTRACT PLANS, ASTM A307, GR. A OR B, AASHTO M232

--- MATERIAL: 67616  BOLT, ASTM A 325 TYPE 1 OR 2 GALV.  LB ( )
METHOD OF ACCEPTANCE---: TEST  CERT
EVIDENCE OF INSPECTION: CBM  LA15  ILOK  TEST  CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKING, TENS., STRENGTH, CHANGE IN LENGTH OR HARDNESS, COATING THICKNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM F3125 DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 67617  BOLT, ASTM A 449  LB ( )
METHOD OF ACCEPTANCE---: TEST  CERT
EVIDENCE OF INSPECTION: CBM  LA15  ILOK  TEST  CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, TENS. STRENGTH, CHANGE IN LENGTH OR HARDNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1083.02, ASTM A449 DOMESTIC STEEL ACT APPLIES

--- MATERIAL: 67618  BOLT, ASTM A 449 GALV.  LB ( )
METHOD OF ACCEPTANCE---: TEST  CERT
EVIDENCE OF INSPECTION: CBM  LA15  ILOK  TEST  CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKING, TENS. STRENGTH, CHANGE IN LENGTH OR HARDNESS, COATING THICKNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1083.02, ASTM A449 DOMESTIC STEEL ACT APPLIES
### MATERIAL: 67619 BOLT, ASTM A 490

| DESC1 | 14 | DESC2: 12 | DESC3: | SMALLQTY: . |

**METHOD OF ACCEPTANCE---: TEST**

**EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST**

**MATERIAL OWNER: MT**

**SAMPLE SIZE---: 5 PIECES PER LOT**

**UPDATED: 10/10/2017**

**CONTAINER1: 11 CONTAINER2: 04**

**MEASUREMENT---: DIM., MARKINGS, TENS. STRENGTH, CHANGE IN LENGTH OR HARDNESS**

**REMARK------: ACCEPTANCE SAMPLES AT DESTINATION (ROTATION CAP DOC REQUIRED)**

**SPECIFICATIONS: ART 1006.08, ASTM A490**

**DOMESTIC STEEL ACT APPLIES**

### MATERIAL: 67621 BOLT, U, STAINLESS STEEL

| DESC1 | 14 | DESC2: 12 | DESC3: 13 | SMALLQTY: . |

**METHOD OF ACCEPTANCE---: TEST**

**EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST**

**MATERIAL OWNER: MT**

**SAMPLE SIZE---: 5 PIECES PER LOT**

**UPDATED: 10/10/2017**

**CONTAINER1: CONTAINER2:**

**MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION, REDUCTION OF AREA CHEMISTRY**

**REMARK------: DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ASTM A276 COND. A, TY 304**

### MATERIAL: 67622 BOLT, U, GALV. STEEL

| DESC1 | 14 | DESC2: 12 | DESC3: 13 | SMALLQTY: . |

**METHOD OF ACCEPTANCE---: TEST**

**EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST**

**MATERIAL OWNER: MT**

**SAMPLE SIZE---: 5 PIECES OF EACH DIA. LOT (DIFF. MARKINGS)**

**UPDATED: 10/10/2017**

**CONTAINER1: CONTAINER2:**

**MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION, COATING THICKNESS**

**REMARK------: DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M232**

### MATERIAL: 67627 BOLT, ROUND SLOTTED HEAD, A 307 GALVANIZED

| DESC1 | 14 | DESC2: | DESC3: | SMALLQTY: . |

**METHOD OF ACCEPTANCE---: TEST CERT**

**EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT**

**MATERIAL OWNER: MT**

**SAMPLE SIZE---: 5 PIECES PER LOT**

**UPDATED: 05/12/2020**

**CONTAINER1: 11 CONTAINER2: 04**

**MEASUREMENT---: DIM., TENS. STRENGTH, COATING THICKNESS**

**REMARK------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ASTM A 307, AASHTO M 232**

### MATERIAL: 67629 BOLT, CARRIAGE, GALVANIZED

| DESC1 | 14 | DESC2: | DESC3: | SMALLQTY: . |

**METHOD OF ACCEPTANCE---: TEST CERT**

**EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT**

**MATERIAL OWNER: MT**

**SAMPLE SIZE---: 5 PIECES PER LOT**

**UPDATED: 05/12/2020**

**CONTAINER1: 11 CONTAINER2: 04**

**MEASUREMENT---: DIM., TENS. STRENGTH, COATING THICKNESS**

**REMARK------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 232**
<table>
<thead>
<tr>
<th>MATERIAL: 67631</th>
<th>BOLT, ROUND HEAD, GALVANIZED</th>
<th>EA (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 12</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST CERT</td>
<td>EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: 5 PIECES PER LOT</td>
<td>UPDATED: 05/12/2020</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 11</td>
<td>CONTAINER2: 04</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., TENS. STRENGTH, COATING THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 232</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 67632</th>
<th>ASSEMBLY, ANCHOR BOLT</th>
<th>EA (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 83</td>
<td>DESC2: 12</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 05/15/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., WORKMANSHIP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: FABRICATED FROM APPROVED COMPONENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 67639</th>
<th>TURNBUCKLE, GALV</th>
<th>PC (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 12</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: 2 PIECE PER LOT</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., COATING THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.17, SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 67640</th>
<th>BOLT, STAINLESS STEEL</th>
<th>PC (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 12</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: 5 PIECES OF EACH DIA. PER LOT</td>
<td>UPDATED: 10/10/2017</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 11</td>
<td>CONTAINER2: 04</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., YIELD &amp; TENS. STRENGTH, ELONGATION, MARKINGS, REDUCTION OF AREA, CHEMISTRY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.31</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 67647</th>
<th>STUDS, ASTM A-449</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 12</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST CERT</td>
<td>EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE: 5 PIECES OF EACH DIA. FROM EACH LOT</td>
<td>UPDATED: 05/12/2020</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 11</td>
<td>CONTAINER2: 04</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT: DIM., HARD., TENS. STRTH, PROOF LOAD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV, ASTM A449</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION – PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

---> MATERIAL: 67649 ROD, ANCHOR ASTM A576

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: CBM LA15 ILOK TEST
MATERIAL OWNER: MT
SAMPLE SIZE---: 1 PIECE OF EACH DIA. FROM EACH SOURCE
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: MECHANICAL TESTS OR CHEM ANALYSIS PER APPLICABLE SPEC
REMARK---------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ASTM A576

---> MATERIAL: 67652 BOLT, ANCHOR, ASTM A449

METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION-: CBM LA15 ILOK TEST CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 1 PIECE OF EACH FULL SIZE OR 36" PLUS THREADS FROM EACH HEAT
UPDATED: 05/12/2020
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., TENS. STRENGTH, YIELD STRENGTH, ELONGATION, HARDNESS
REMARK---------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ART 1083.02, ASTM A449

---> MATERIAL: 67655 STUDS, ASTM A-449 GALV

METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION-: CBM LA15 ILOK TEST CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES OF EACH DIA. FROM EACH LOT
UPDATED: 05/12/2020
CONTAINER1: CONTAINER2: 04
MEASUREMENT---: DIM., MARK., HARD., TENS. STRTH & CHANGE IN LGTH FOR FULL SZE BOLTS, YIELD STRTH, TENS. STRTH
REMARK---------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV, ART 1083.02, ASTM A449

---> MATERIAL: 67663 BOLT,ASTM A449,TYOE 3, SLOTTED COUNTER SUNK HEAD

METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION-: CBM LA15 ILOK TEST CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT
UPDATED: 05/12/2020
CONTAINER1: CONTAINER2: 04
MEASUREMENT---: DIM., MARK., HARD., TENS. STRTH & CHANGE IN LGTH FOR FULL SZE BOLTS, YIELD STRTH, TENS. STRTH
REMARK---------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV, ASTM A449

---> MATERIAL: 67664 BOLT, ANCHOR, ASTM F-1554, GR-36

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: CBM LA15 ILOK TEST
MATERIAL OWNER: MT
SAMPLE SIZE---: 3 PIECES OF EACH FULL SIZE OR 3 FT PLUS THREADS FROM EACH HEAT
UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., YIELD, & TENS. STRENTH, ELONGATION, REDUCTION IN AREA COATING THICKNESS, COATED LENGTH FOR GALVANIZED
REMARK---------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.09

Page 300 of 344 Manual of Materials Inspection 5/31/2021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

-->
MATERIAL: 67665  BOLT, ANCHOR, ASTM F-1554, GR-55  PC (EA )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: CBM LA15 ILOK TEST
MATERIAL OWNER: MT
SAMPLE SIZE---: 3 PIECES OF EACH FULL SIZE OR 3 FT PLUS THREADS
FROM EACH HEAT
UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:  
MEASUREMENT---:  DIM., YIELD & TENS. STRENGTH, ELONGATION, REDUCTION IN AREA
COATING THICKNESS, COATED LENGTH FOR GALVANIZED, CHARPY
REMARK-------- :  DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.09

-->
MATERIAL: 67666  BOLT, ANCHOR, ASTM F-1554, GR-105  PC (EA )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: CBM LA15 ILOK TEST
MATERIAL OWNER: MT
SAMPLE SIZE---: 3 PIECES OF EACH FULL SIZE OR 3 FT PLUS THREADS
FROM EACH HEAT
UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:  
MEASUREMENT---:  DIM., YIELD & TENS. STRENGTH, ELONGATION, REDUCTION IN AREA
COATING THICKNESS, COATED LENGTH FOR GALVANIZED, CHARPY
REMARK-------- :  DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.09

-->
MATERIAL: 67667  BOLT,ASTM A325,TYPE 1 OR 2,SLOTTED COUNTER SUNK,GALV  EA (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION--: CBM LA15 ILOK TEST CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT
UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---:  DIM., YIELD & TENSILE STR., MARKINGS, ELONGATION, HARDNESS,
COATING THICKNESS, PROOFLOAD
REMARK-------- :  ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  SEC 1006, ASTM A325

-->
MATERIAL: 67669  BOLT,LAG, A307  PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION--: CBM LA15 ILOK TEST CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT
UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---:  DIM., MARKINGS, HARDNESS, TENS. STRTH. FOR FULL
SIZE BOLTS, TENS. STRTH. & ELONG. FOR MACH. BOLTS
REMARK-------- :  ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  SPEC PROV OR CONTRACT PLANS, ASTM A307, GR A OR B
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

---

**SPECIFICATIONS:**

**REMARK**

**MEASUREMENT**

**CONTAINER1:** SAMPLE

**SPECIFICATIONS:**

**REMARK**

**MEASUREMENT**

**CONTAINER1:** SAMPLE

**SPECIFICATIONS:**

**REMARK**

**MEASUREMENT**

**CONTAINER1:** SAMPLE

**SPECIFICATIONS:**

**REMARK**

**MEASUREMENT**

**CONTAINER1:** SAMPLE

**SPECIFICATIONS:**

---

**MATERIAL:** BOLT, ASTM A193 GRADE B7 GALV

**DESCL:** 14 **DESC2:** 12 **DESC3:** SMALLQTY: .

**METHOD OF ACCEPTANCE:** TEST CERT

**EVIDENCE OF INSPECTION:** CBM LA15 ILOK TEST CERT

**SAMPLE SIZE:** 5 PIECES PER LOT

**CONTAINER1:** 11 **CONTAINER2:**

**MEASUREMENT:** DIM., YIELD & TENSILE STR., MARKINGS, ELONGATION, HARDNESS, COATING THICKNESS

**REMARK:** ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.09, ASTM A193

---

**MATERIAL:** BOLT, ASTM A449, TYPE 1, SLOTTED COUNTER SUNK HEAD

**DESCL:** 14 **DESC2:** 12 **DESC3:** SMALLQTY: .

**METHOD OF ACCEPTANCE:** TEST CERT

**EVIDENCE OF INSPECTION:** CBM LA15 ILOK TEST CERT

**SAMPLE SIZE:** 5 PIECES PER LOT

**CONTAINER1:** 11 **CONTAINER2:**

**MEASUREMENT:** DIM., YIELD & TENSILE STR., MARKINGS, ELONGATION, HARDNESS, COATING THICKNESS, PROOFLOAD

**REMARK:** ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** SEC 1006, ASTM A449

---

**MATERIAL:** TURNBUCKLE, PLAIN

**DESCL:** 14 **DESC2:** 12 **DESC3:** SMALLQTY: .

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**SAMPLE SIZE:** 1 PIECE OF EACH DIA. FROM EACH LOT

**CONTAINER1:** **CONTAINER2:**

**MEASUREMENT:** DIM., TENS. STRENGTH

**REMARK:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.17

---

**MATERIAL:** BOLT, LAG, STAINLESS STEEL

**DESCL:** 14 **DESC2:** 12 **DESC3:** SMALLQTY: .

**METHOD OF ACCEPTANCE:** TEST

**EVIDENCE OF INSPECTION:** CBM LA15 ILOK TEST CERT

**SAMPLE SIZE:** 5 PIECES PER LOT

**CONTAINER1:** 11 **CONTAINER2:** 04

**MEASUREMENT:** DIM., YIELD & TENS. STRENGTH, ELONGATION, REDUCTION OF AREA CHEMISTRY, MARKINGS

**REMARK:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.17

---

**MATERIAL:** NUT, ASTM A 194 GRADE 2H GALV.

**DESCL:** 14 **DESC2:** 12 **DESC3:** 53 **SMALLQTY**: .

**METHOD OF ACCEPTANCE:** TEST CERT

**EVIDENCE OF INSPECTION:** CBM LA15 ILOK TEST CERT

**SAMPLE SIZE:** 5 PIECES PER LOT

**CONTAINER1:** 11 **CONTAINER2:** 04

**MEASUREMENT:** DIM., MARKINGS, PROOF LOAD OR HARDNESS, COATING THICKNESS

**REMARK:** ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.08, ASTM A194, AASHTO M 232
<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>PC (EA)</th>
<th>Container1</th>
<th>Container2</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>67706</td>
<td>NUT, ASTM A 194 GRADE 2H LOCK GALV.</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM., MARKINGS, PROOF LOAD OR HARDNESS, COATING THICKNESS</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM A194, AASHTO M 232</td>
</tr>
<tr>
<td>67716</td>
<td>NUT, ASTM A 563 GRADE D GALV.</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM., MARKINGS, PROOF LOAD OR HARDNESS, COATING THICKNESS</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM A563, AASHTO M 232</td>
</tr>
<tr>
<td>67717</td>
<td>NUT, ASTM A 563 GRADE DH GALV.</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM., MARKINGS, PROOF LOAD OR HARDNESS, COATING THICKNESS</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM A563, AASHTO M 232</td>
</tr>
<tr>
<td>67718</td>
<td>NUT, ASTM A 563 GRADE D LOCK</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM., MARKINGS, PROOF LOAD OR HARDNESS</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM A563</td>
</tr>
<tr>
<td>67719</td>
<td>NUT, ASTM A 563 GRADE DH LOCK</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM., MARKINGS, PROOF LOAD OR HARDNESS</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM A563</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

---> MATERIAL: 67720  NUT, ASTM A 563 GRADE D LOCK GALV.  PC (EA )

  METHOD OF ACCEPTANCE---: TEST CERT
  EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, COATING THICKNESS, PROOF LOAD OR HARDNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563, AASHTO M 232

---> MATERIAL: 67721  NUT, ASTM A 563 GRADE DH LOCK GALV.  PC (EA )

  METHOD OF ACCEPTANCE---: TEST CERT
  EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, PROOF LOAD OR HARDNESS, COATING THICKNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563, AASHTO M 232

---> MATERIAL: 67723  NUT, SLEEVE  PC (EA )

  METHOD OF ACCEPTANCE---: TEST CERT
  EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., PROOF LOAD, OR HARDNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  SPEC PROV OR CONTRACT PLANS

---> MATERIAL: 67726  NUT, ASTM A 563, GRADE B  PC (EA )

  METHOD OF ACCEPTANCE---: TEST CERT
  EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., PROOF LOAD OR HARDNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563

---> MATERIAL: 67727  NUT, ASTM A 563 GRADE B GALV.  PC (EA )

  METHOD OF ACCEPTANCE---: TEST CERT
  EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., PROOF LOAD OR HARDNESS, COATING THICKNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563, AASHTO M 232
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

--> MATERIAL: 67728  NUT, ASTM A 563 GRADE A  PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., PROOF LOAD OR HARDNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563

--> MATERIAL: 67729  NUT, ASTM A 563 GRADE A GALV.  PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, PROOF LOAD OR HARDNESS, COATING THICKNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563, AASHTO M 232

--> MATERIAL: 67730  NUT, ASTM A 563, GRADE A LOCK GALV.  PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, PROOF LOAD OR HARDNESS, COATING THICKNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563, AASHTO M 232

--> MATERIAL: 67731  NUT, STAINLESS STEEL  PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES OF EACH LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, PROOF LOAD OR HARDNESS, CHEMISTRY
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.31, ASTM A194

--> MATERIAL: 67732  NUT, LOCK, STAINLESS STEEL  PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT  MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT  UPDATED: 05/12/2020
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., PROOF LOAD OR HARDNESS, MARKINGS, CHEMISTRY
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.31, ASTM A194
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>PC (EA )</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUT, ASTM A 563 GRADE DH3</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM., MARKINGS, PROOF LOAD OR HARDNESS</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM A563</td>
</tr>
<tr>
<td>NUT, AASHTO M291 GRADE DH3 LOCK</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM., MARKINGS, PROOF LOAD OR HARDNESS</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM A563</td>
</tr>
<tr>
<td>NUT, ASTM A563, GRADE B LOCK GALV.</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM., HARDNESS, COATING THICKNESS</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM A563, AASHTO M 232</td>
</tr>
<tr>
<td>WASHER, ASTM F 436, CARBON STEEL GALV.</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM.</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.08, ASTM F436, AASHTO M 232</td>
</tr>
<tr>
<td>WASHER, FLAT, CARBON STEEL</td>
<td></td>
<td>11</td>
<td>04</td>
<td>DIM.</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY</td>
<td>ART 1006.09, ASTM F844, ASME B18.21</td>
</tr>
</tbody>
</table>
## MANUAL FOR MATERIALS INSPECTION - PART 2

**MATERIAL GROUP: 675 MISCELLANEOUS STEEL**

### MATERIAL: 67803 WASHER, LOCK, CARBON STEEL

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>14</th>
<th>DESC2:</th>
<th>SMALLQTY:</th>
<th>DESC3:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| SAMPLE SIZE---: | 5 PIECES PER LOT |
| CONTAINER1: | 11 |
| CONTAINER2: |

**MEASUREMENT---: DIM.**

**REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY**

**DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: ART 1006.09, ASTM F844, ASME B18.21**

### MATERIAL: 67804 WASHER, FLAT, GALV., CARBON STEEL

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>14</th>
<th>DESC2:</th>
<th>SMALLQTY:</th>
<th>DESC3:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| SAMPLE SIZE---: | 5 PIECES PER LOT |
| CONTAINER1: | 11 |
| CONTAINER2: |

**MEASUREMENT---: DIM., COATING THICKNESS**

**REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY**

**DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: ART 1006.09, ASTM F844, ASME B18.21**

**SPEC PROV OR CONTRACT PLANS, AASHTO M 232**

### MATERIAL: 67805 WASHER, LOCK, GALV., CARBON STEEL

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>14</th>
<th>DESC2:</th>
<th>SMALLQTY:</th>
<th>DESC3:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| SAMPLE SIZE---: | 5 PIECES PER LOT |
| CONTAINER1: | 11 |
| CONTAINER2: |

**MEASUREMENT---: DIM., COATING THICKNESS**

**REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY**

**DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: ART 1006.08, ASTM F844, ASME B18.21, AASHTO M 232**

### MATERIAL: 67806 WASHER, FLAT, ASTM A 240, TYPE 302 OR 304, STAINLESS STEEL

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>14</th>
<th>DESC2:</th>
<th>SMALLQTY:</th>
<th>DESC3:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| SAMPLE SIZE---: | 5 PIECES OF EACH LOT |
| CONTAINER1: | 11 |
| CONTAINER2: |

**MEASUREMENT---: DIM., HARDNESS, CHEMISTRY**

**REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY**

**DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: ART 1006.31, ASME B18.21**

### MATERIAL: 67807 WASHER, LOCK, ASTM A 240, TYPE 302 OR 304, STAINLESS STEEL

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>14</th>
<th>DESC2:</th>
<th>SMALLQTY:</th>
<th>DESC3:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| SAMPLE SIZE---: | 5 PIECES OF EACH DIA. FROM EACH LOT |
| CONTAINER1: | 11 |
| CONTAINER2: | 04 |

**MEASUREMENT---: DIM., CHEM., HARDNESS**

**REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY**

**DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS: ART 1006.31, ASME B18.21**
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

--- MATERIAL: 67808 WASHER, BEVELED PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11 CONTAINER2: 04
MEASUREMENT----: DIM., HARDSNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.08, ASTM F436

--- MATERIAL: 67809 WASHER, BEVELED, GALV. PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11 CONTAINER2: 04
MEASUREMENT----: DIM., HARDSNESS, COATING
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.08, ASTM F436, AASHTO M 232

--- MATERIAL: 67815 WASHER, SQUARE, GALV PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11 CONTAINER2: 04
MEASUREMENT----: DIM., COATING
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.08, AASHTO M 232

--- MATERIAL: 67819 WASHER, ASTM F959, DIRECT TENSION INDICATOR, A325 BLACK PC (PC )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11 CONTAINER2: 04
MEASUREMENT----: DIM., MARKINGS, HARDSNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ASTM F959

--- MATERIAL: 67820 WASHER, ASTM F959, DIRECT TENSION INDICATOR, A325 GALV PC (EA )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 05/12/2020
CONTAINER1: 11 CONTAINER2: 04
MEASUREMENT----: DIM., MARKINGS, COATING THICKNESS
HARDNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ASTM F 959, AASHTO M 232
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

--- MATERIAL: 67821 WASHER, ASTM F959, DIRECT TENSION INDICATOR, A490 BLACK PC (EA )
  METHOD OF ACCEPTANCE---: TEST CERT
  EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE---: 5 PIECES PER LOT
  CONTAINER1: 11 CONTAINER2: 04
  MEASUREMENT---: DIM., MARKINGS, HARDNESS
  REMARK-------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ASTM F959

--- MATERIAL: 67905 METAL JOINT, LONGITUDINAL, TYPE C, GALV LINFT(METER )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIMENSIONS
  REMARK-------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.11, HWY STD

--- MATERIAL: 68005 PIPE CASING LINFT(EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 @ 12" FOR PIPE
  1 @ 12" X 12" FOR SHEET
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIM., TENS, YIELD, ELONGATION
  REMARK-------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 68007 SHOES, PILE PC (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIMENSIONS
  REMARK-------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV, CONTRACT PLANS, ART 1006.05,
  ASTM A148 OR AASHTO M 103

--- MATERIAL: 68008 ANCHOR, EXPANSION FOR ANCHOR BOLTS PC (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: 2 PIECE
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: VERIFY PULL OUT STRENGTH
  REMARK-------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ART 1006.09, ASTM E488
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>PIPE, STEEL, BLACK.</th>
<th>PIPE, STEEL, GALVANIZED</th>
<th>GABIONS</th>
<th>SLOPE MATTRESS</th>
<th>STRIP, STEEL, REINFORCED EARTH, GALV. ASTM A570 GR50</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>14</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>DESC1:</td>
<td>DESC1:</td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td>SMALLQTY:</td>
<td></td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>SMALLQTY:</td>
<td>.</td>
<td></td>
<td></td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
<td>METHOD OF ACCEPTANCE:</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LA15 ILOK TEST</td>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
<td>EVIDENCE OF INSPECTION:</td>
<td>CERT LA15</td>
</tr>
<tr>
<td>MATERIAL OWNER:</td>
<td>MT</td>
<td>MATERIAL OWNER:</td>
<td>MT</td>
<td>MATERIAL OWNER:</td>
<td>MT</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 @ 12&quot; LONG FOR EACH SIZE</td>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
</tr>
<tr>
<td>UPDATED:</td>
<td>02/27/2017</td>
<td>UPDATED:</td>
<td>02/27/2017</td>
<td>UPDATED:</td>
<td>02/27/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER1:</td>
<td>CONTAINER1:</td>
<td>CONTAINER1:</td>
<td>CONTAINER1:</td>
<td>CONTAINER1:</td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td>CONTAINER2:</td>
<td>CONTAINER2:</td>
<td>CONTAINER2:</td>
<td>CONTAINER2:</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIM., YIELD &amp; TENS STRENGTH, ELONGATION, W/L</td>
<td>MEASUREMENT:</td>
<td>MFG CERTS, WIRE DIA, WORKMANSHIP</td>
<td>MEASUREMENT:</td>
<td>MFG CERTS, WIRE DIA, WORKMANSHIP</td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.18, ASTM A53</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS, ASTM A53, AASHTO M 111</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS, ASTM A53, AASHTO M 111</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
</tr>
</tbody>
</table>
-- MATERIAL: 68022 STRIP, STEEL, REINFORCED EARTH, GALV. ASTM A570 GR65 LINT(METER)
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 12/17/2015
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIMENSION, COATING THICKNESS
REMARK-------: INSPECTION AT SUPPLIER OR DESTINATION
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

-- MATERIAL: 68101 RODS, TRANS TIE GALV., PRECAST STRUCTURE PC (EA )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 INOK TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 5FT UPDATED: 02/27/2017
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION, COATING THICKNESS, BEND
REMARK-------: ACCEPTANCE SAMPLE AT SUPPLIER OR DESTINATION
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.06, ASTM F1554, AASHTO M 232

-- MATERIAL: 68104 RODS, THREADED EA (PC )
METHOD OF ACCEPTANCE---: TEST CERT
EVIDENCE OF INSPECTION: LA15 INOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 12" LONG FOR EACH SIZE PER LOT UPDATED: 05/12/2020
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: MECHANICAL TESTS PER APPLICABLE SPEC.
REMARK-------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

-- MATERIAL: 68201 BAR, STAINLESS STEEL FOR HANDRAIL ASTM A-276, TYPE 302 PC (EA )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 INOK TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 24" UPDATED: 05/15/2019
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: DIM., HARDNESS, TENS, YIELD, ELONGATION, CHEMISTRY
REMARK-------: ACCEPTANCE SAMPLE AT SUPPLIER OR DESTINATION
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.31, ASTM A276

-- MATERIAL: 68203 BAR, ROUND, ASTM A193, GRADE B7, RYPW 4142 PC (EA )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 CBM TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 24" UPDATED: 04/05/2018
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: YIELD & TENS. STRENGTH, ELONGATION, REDUCTION OF AREA, CHEM.
REMARK-------: ACCEPTANCE SAMPLE AT SUPPLIER OR DESTINATION
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS
---> MATERIAL: 68205  BAR, ROUND, ASTM A193, GRADE B8  PC ( )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION-: LA15 CBM TEST  MATERIAL OWNER: MT
  SAMPLE SIZE---: 2 @ 24"  UPDATED: 05/06/2021
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: YIELD & TENS. STRENGTH, ELONGATION, REDUCTION OF AREA, CHEM.
  REMARK------- : ACCEPTANCE SAMPLE AT SUPPLIER OR DESTINATION
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

---> MATERIAL: 68401  FRAME AND GRATE, GALV.  SQFT (SQ M )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 05/15/2019
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIM., WORKMANSHIP, COATING THICKNESS
  REMARK------- : DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 111, ART 1006.14 OR 1006.15

---> MATERIAL: 68402  FRAME, GALV.  SQFT (SQ M )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 05/15/2019
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIM., WORKMANSHIP, COATING THICKNESS
  REMARK------- : DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 111, ART 1006.14 OR 1006.15

---> MATERIAL: 68404  GRATE, GALV.  SQFT (SQ M )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 05/15/2019
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIM., WORKMANSHIP, COATING THICKNESS
  REMARK------- : DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 111, ART 1006.14 OR 1006.15

---> MATERIAL: 68405  GRATE, SPECIAL DEFORMED BAR  SQFT (SQ M )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/15/2008
  CONTAINER1:  CONTAINER2:  MEASUREMENT---: DIM., WORKMANSHIP, COATING THICKNESS
  REMARK------- : FABRICATED FROM APPROVED COMPONENTS
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS
### MANUAL FOR MATERIALS INSPECTION - PART 2

**MATERIAL GROUP: 675 MISCELLANEOUS STEEL**

---

**MATERIAL: 68406**  RING, ADJUSTING, STEEL  EA (EA )  
**DESC1:**  DESC2:  DESC3:  SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** CERT  
**EVIDENCE OF INSPECTION---:** CERT  LA15  
**SAMPLE SIZE---:** FIELD INSPECTION  UPDATED: 04/15/2008  
**CONTAINER1:**  CONTAINER2:  
**MEASUREMENT---:** DIMENSIONS  
**REMARK---------:** DOMESTIC STEEL ACT APPLIES  
**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS  

---

**MATERIAL: 68407**  GRATING, CONCRETE FLARED END SECTION, STEEL  EA (EA )  
**DESC1:**  DESC2:  DESC3:  SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** CERT  
**EVIDENCE OF INSPECTION---:** CERT  LA15  
**SAMPLE SIZE---:** FIELD INSPECTION  UPDATED: 05/15/2019  
**CONTAINER1:**  CONTAINER2:  
**MEASUREMENT---:** DIM., WORKMANSHIP, COATING THICKNESS  
**REMARK---------:** FABRICATED FROM APFR. COMPONENTS  
**SPECIFICATIONS:** HWY STD  

---

**MATERIAL: 68408**  GRATING, CONCRETE HEADWALL, STEEL  EA (EA )  
**DESC1:**  DESC2:  DESC3:  SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** CERT  
**EVIDENCE OF INSPECTION---:** CERT  LA15  
**SAMPLE SIZE---:** FIELD INSPECTION  UPDATED: 04/15/2008  
**CONTAINER1:**  CONTAINER2:  
**MEASUREMENT---:** DIM., WORKMANSHIP  
**REMARK---------:** FABRICATED FROM APFR. COMPONENTS  
**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS  

---

**MATERIAL: 68409**  GRATED INLET, STEEL PIPE, GALV  EA (EA )  
**DESC1:**  DESC2:  DESC3:  SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** CERT  
**EVIDENCE OF INSPECTION---:** CERT  LA15  
**SAMPLE SIZE---:** FIELD INSPECTION  UPDATED: 02/27/2017  
**CONTAINER1:**  CONTAINER2:  
**MEASUREMENT---:** DIM., WORKMANSHIP, COATING THICKNESS  
**REMARK---------:** FABRICATED FROM APFR. COMPONENTS  
**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS, AASHTO M 111  

---

**MATERIAL: 68411**  JUNCTION BOX, STAINLESS STEEL  EA (EA )  
**DESC1:**  DESC2:  DESC3:  SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** CERT  
**EVIDENCE OF INSPECTION---:** CERT  LA15  
**SAMPLE SIZE---:**  UPDATED: 04/15/2008  
**CONTAINER1:**  CONTAINER2:  
**MEASUREMENT---:**  
**REMARK---------:** DOMESTIC STEEL ACT APPLIES  
**SPECIFICATIONS:** ART 1088.04
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

--- MATERIAL: 68412  JUNCTION BOX LID, STAINLESS STEEL  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---:  UPDATED: 04/15/2008
  CONTAINER1:  CONTAINER2: 
  REMARK-------:  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1088.04

--- MATERIAL: 68413  JUNCTION BOX LID, STEEL  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---:  UPDATED: 04/15/2008
  CONTAINER1:  CONTAINER2: 
  REMARK-------:  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1006.04, 1088.04

--- MATERIAL: 68414  GRATE END SECTION, STEEL PIPE, GALV  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---:  UPDATED: 02/27/2017
  CONTAINER1:  CONTAINER2: 
  REMARK-------:  FABRICATED FROM APPR. COMPONENTS
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 111

--- MATERIAL: 68415  RISERS, CATCH BASIN, STEEL  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---:  UPDATED: 03/11/2015
  CONTAINER1:  CONTAINER2: 
  REMARK-------:  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 68601  DRAINS, DECK, STEEL TUBE, GALV  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---:  UPDATED: 02/27/2017
  CONTAINER1:  CONTAINER2: 
  REMARK-------:  FABRICATED FROM APPR. COMPONENTS
  DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 111
### MATERIAL GROUP: 675 MISCELLANEOUS STEEL

#### MATERIAL: 68602
- **SCUPPERS, DRAINAGE, GALV**
- **EA (EA)**
- **DESC1: 14**
- **DESC2: SMALLQTY:**
  - **MATERIAL: 68602 SCUPPERS, DRAINAGE, GALV**
  - **EA (EA)**
  - **DESC1: 14**
  - **DESC2: SMALLQTY:**
  - **METHOD OF ACCEPTANCE---: CERT**
  - **EVIDENCE OF INSPECTION---: CERT LA15**
  - **MATERIAL OWNER: MT**
  - **SAMPLE SIZE---: FIELD INSPECTION**
  - **UPDATED: 02/27/2017**
  - **CONTAINER1: CONTAINER2:**
  - **MEASUREMENT---: DIM., WORKMANSHIP, COATING THICKNESS**
  - **REMARK------- : FABRICATED FROM APPR. COMPONENTS**
  - **DOMESTIC STEEL ACT APPLIES**
  - **SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 111**

#### MATERIAL: 68604
- **SHEET, STAINLESS STEEL**
- **SQFT (SQM)**
- **DESC1: 16**
- **DESC2: SMALLQTY:**
  - **MATERIAL: 68604 SHEET, STAINLESS STEEL**
  - **SQFT (SQM)**
  - **DESC1: 16**
  - **DESC2: SMALLQTY:**
  - **METHOD OF ACCEPTANCE---: TEST**
  - **EVIDENCE OF INSPECTION---: MATERIAL OWNER: MT**
  - **SAMPLE SIZE---: 1 @ 12" X 12"**
  - **UPDATED: 12/30/2015**
  - **CONTAINER1: CONTAINER2:**
  - **MEASUREMENT---: TENS. & YIELD STRENGTH, ELONGATION, CHEMICAL**
  - **REMARK------- : ACCEPTANCE SAMPLE AT SUPPLIER OR DESTINATION**
  - **DOMESTIC STEEL ACT APPLIES**
  - **SPECIFICATIONS: ART 1083.02, ASTM A 240**

#### MATERIAL: 68605
- **COTTER PINS**
- **PC (EA)**
- **DESC1: 12**
- **DESC2: SMALLQTY:**
  - **MATERIAL: 68605 COTTER PINS**
  - **PC (EA)**
  - **DESC1: 12**
  - **DESC2: SMALLQTY:**
  - **METHOD OF ACCEPTANCE---: CERT**
  - **EVIDENCE OF INSPECTION---: CERT LA15**
  - **MATERIAL OWNER: MT**
  - **SAMPLE SIZE---: FIELD INSPECTION**
  - **UPDATED: 04/15/2008**
  - **CONTAINER1: CONTAINER2:**
  - **MEASUREMENT---: MECHANICAL TESTS PER APPLICABLE SPEC.**
  - **REMARK------- : ACCEPTANCE SAMPLE AT SUPPLIER OR DESTINATION**
  - **DOMESTIC STEEL ACT APPLIES**
  - **SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS**

#### MATERIAL: 68606
- **BAND, PIER REPAIR, STEEL**
- **EA (EA)**
- **DESC1: 14**
- **DESC2: SMALLQTY:**
  - **MATERIAL: 68606 BAND, PIER REPAIR, STEEL**
  - **EA (EA)**
  - **DESC1: 14**
  - **DESC2: SMALLQTY:**
  - **METHOD OF ACCEPTANCE---: CERT**
  - **EVIDENCE OF INSPECTION---: CERT LA15**
  - **MATERIAL OWNER: MT**
  - **SAMPLE SIZE---: FIELD INSPECTION**
  - **UPDATED: 04/15/2008**
  - **CONTAINER1: CONTAINER2:**
  - **MEASUREMENT---: MECHANICAL TESTS PER APPLICABLE SPEC.**
  - **REMARK------- : ACCEPTANCE SAMPLE AT SUPPLIER OR DESTINATION**
  - **DOMESTIC STEEL ACT APPLIES**
  - **SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS**

#### MATERIAL: 68607
- **CABLE, AIRCRAFT, CLEAR VINYL COATED**
- **LINFT(METER)**
- **DESC1: 16**
- **DESC2: SMALLQTY:**
  - **MATERIAL: 68607 CABLE, AIRCRAFT, CLEAR VINYL COATED**
  - **LINFT(METER)**
  - **DESC1: 16**
  - **DESC2: SMALLQTY:**
  - **METHOD OF ACCEPTANCE---: TEST**
  - **EVIDENCE OF INSPECTION---: LA15 ILOK TEST**
  - **MATERIAL OWNER: MT**
  - **SAMPLE SIZE---: 2 @ 4FT FOR EACH SIZE & SOURCE**
  - **UPDATED: 02/22/2011**
  - **CONTAINER1: CONTAINER2:**
  - **MEASUREMENT---: MECHANICAL TESTS PER APPLICABLE SPEC.**
  - **REMARK------- : ACCEPTANCE SAMPLE TESTED BY CBM**
  - **DOMESTIC STEEL ACT APPLIES**
  - **SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS**
<table>
<thead>
<tr>
<th>MATERIAL: 68609</th>
<th>CABLE, STAINLESS STEEL</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2: 34</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>2 @ 4FT PER LOT</td>
<td>UPDATED: 02/22/2011</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>TENSILE/MFG CERTS</td>
<td></td>
</tr>
<tr>
<td>REMARK---------:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV, PLAN DETAILS OR MFG RQMTS</td>
<td></td>
</tr>
<tr>
<td>I.E. &quot;CABLE CRETE&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 68610</th>
<th>CLIP, SIGN PANEL, STAINLESS STEEL</th>
<th>EA (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2: 34</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td>UPDATED: 04/15/2008</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIMENSIONS</td>
<td></td>
</tr>
<tr>
<td>REMARK---------:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
</tr>
<tr>
<td>ASTM 276, TYPE 304</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 68611</th>
<th>RAILING, HAND, STEEL PIPE, PAINTED</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 34</td>
<td>DESC2: 28</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>1 @ 2'</td>
<td>UPDATED: 02/27/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., WALL THICKNESS, WT/FT., COATING THICKNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK---------:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.18, SEC 1008, ASTM A53</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 68612</th>
<th>RAILING, HAND, STEEL PIPE, GALV.</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 34</td>
<td>DESC2: 28</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>1 @ 2'</td>
<td>UPDATED: 02/27/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., WT/FT., COATING THICKNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK---------:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.18, AASHTO M 111, ASTM A53</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 68703</th>
<th>BRIDGE, PREFABRICATED STEEL, PEDESTRIAN</th>
<th>LB (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2: 34</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 04/15/2008</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., YIELD &amp; TENS. STRENGTH, ELONGATION, CHARPY V-NOTCH</td>
<td></td>
</tr>
<tr>
<td>REMARK---------:</td>
<td>VERIFY CONTRACT COMPLIANCE</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTACT PLANS</td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

--- MATERIAL: 70201  BLANKET, CURING BURLAP  SQYD (SQ M )
  METHOD OF ACCEPTANCE---: VIS
  EVIDENCE OF INSPECTION: VISE  MATERIAL OWNER: CN
  SAMPLE SIZE---:
  CONTAINER1:  11  CONTAINER2:
  MEASUREMENT---:
  REMARK-------:
  SPECIFICATIONS:  ART 1022.02

--- MATERIAL: 70202  BLANKETS, CURING WATERPROOF  SQYD (SQ M )
  METHOD OF ACCEPTANCE---: VIS
  EVIDENCE OF INSPECTION: VISE  MATERIAL OWNER: CN
  SAMPLE SIZE---:
  CONTAINER1:  11  CONTAINER2:
  MEASUREMENT---:
  REMARK-------:
  SPECIFICATIONS:  ART 1022.03

--- MATERIAL: 70203  BLANKETS, CURING WHITE POLYETHYLENE SHEETING  SQYD (SQ M )
  METHOD OF ACCEPTANCE---: VIS
  EVIDENCE OF INSPECTION: VISE  MATERIAL OWNER: CN
  SAMPLE SIZE---:
  CONTAINER1:  11  CONTAINER2:
  MEASUREMENT---:
  REMARK-------:
  SPECIFICATIONS:  ART 1022.03

--- MATERIAL: 70204  BLANKETS, CURING BURLAP, POLYETHYLENE  SQYD (SQ M )
  METHOD OF ACCEPTANCE---: VIS
  EVIDENCE OF INSPECTION: VISE  MATERIAL OWNER: CN
  SAMPLE SIZE---:
  CONTAINER1:  11  CONTAINER2:
  MEASUREMENT---:
  REMARK-------:
  SPECIFICATIONS:  ART 1022.03

--- MATERIAL: 70205  BLANKET, CURING COTTON MATS  SQYD (SQ M )
  METHOD OF ACCEPTANCE---: VIS
  EVIDENCE OF INSPECTION: VISE  MATERIAL OWNER: CN
  SAMPLE SIZE---:
  CONTAINER1:  11  CONTAINER2:
  MEASUREMENT---:
  REMARK-------:
  SPECIFICATIONS:  ART 1022.02
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>SIZE/UNIT</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL OWNER</th>
<th>UPDATED</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>70206</td>
<td>BLANKET, CURING WHITE CELLULOSE POLYETHYLENE</td>
<td>SQYD (SQ M)</td>
<td>SMALLQTY:</td>
<td>VIS</td>
<td>VISE</td>
<td>CN</td>
<td>11/13/2017</td>
<td>11</td>
<td>:</td>
<td>MATERIAL: BDE FOR PORTLAND CEMENT CONCRETE BRIDGE DECK CURING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70207</td>
<td>BLANKET, CURING WHITE SYNTHETIC FIBER POLYMER POLYETHYLENE</td>
<td>SQYD (SQ M)</td>
<td>SMALLQTY:</td>
<td>VIS</td>
<td>VISE</td>
<td>CN</td>
<td>04/22/2019</td>
<td>11</td>
<td>:</td>
<td>MATERIAL: BDE FOR PORTLAND CEMENT CONCRETE BRIDGE DECK CURING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70303</td>
<td>PADS, BEARING, ELASTOMERIC COMPOSITE TYPE 1</td>
<td>EA (EA)</td>
<td>SMALLQTY:</td>
<td>TEST</td>
<td>LA15 TEST</td>
<td>MT</td>
<td>02/20/2020</td>
<td>:</td>
<td>:</td>
<td>MATERIAL: ART 1082.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70305</td>
<td>NEOPRENE, SHEET</td>
<td>EA (EA)</td>
<td>SMALLQTY:</td>
<td>TEST</td>
<td></td>
<td>MT</td>
<td>03/15/2019</td>
<td>:</td>
<td>:</td>
<td>MATERIAL: SEC 1083</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Specifications:**
- Specifications for materials include BDE for Portland cement concrete bridge deck curing.
- Sample sizes and measurements vary depending on the material.
- Method of acceptance varies, including visual evidence of inspection, test evidence, and evidence of list and certification.
- Materials are owned by various entities, including CN and MT.
- Updated dates range from 11/13/2017 to 03/15/2019.
- REMARKs include acceptance sample tested by CBM, pro test every 125 bearings, and lab use only.
## MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

**MATERIAL:** 70306  
**DESCRIPTION:** PADS, BEARING, ELASTOMERIC PTFE TYPE 2  
**QUANTITY:** EA (EA)  
**METHOD OF ACCEPTANCE:** QUAL AND CERT  
**EVIDENCE OF INSPECTION:** LIST AND CERT  
**SAMPLE SIZE:** 1 PAD WHEN DIRECTED BY CBM  
**UPDATED:** 03/15/2019  
**MEASUREMENTS:** DIM., HARDNESS, SHIM SPACING, TENS. STRENGTH, ELONGATION, PEEL TEST  
**REMARK:** ACC TEST EVERY 125 BEARINGS; CBM WILL REQUEST FROM PROD  
**SPECIFICATIONS:** SEC 1083

**MATERIAL:** 70307  
**DESCRIPTION:** RUBBER, SHEET, NATURAL  
**QUANTITY:** EA (EA)  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** MATERIAL OWNER: MT  
**SAMPLE SIZE:** 1 @ 12" X 12"  
**UPDATED:** 02/27/2017  
**MEASUREMENTS:** TENS. STRENGTH, ELONGATION, HARDNESS, HEAT AGE  
**REMARK:** ACCEPTANCE SAMPLE TESTED BY CBM  
**SPECIFICATIONS:** ART 1083.02

**MATERIAL:** 70308  
**DESCRIPTION:** POT BEARING (HLMR)  
**QUANTITY:** EA (EA)  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** CBM AND CERT  
**SAMPLE SIZE:** COMPONENT MATERIALS - FASTENERS, PTFE, SS SHEET, RUBBER OR NEOPRENE  
**UPDATED:** 02/27/2020  
**MEASUREMENTS:** TENS. STRENGTH, ELONGATION, HARDNESS  
**REMARK:** MUST BE FABRICATED FROM APPROVED COMPONENTS  
**SPECIFICATIONS:** SEC 1083, GBSP 13

**MATERIAL:** 70312  
**DESCRIPTION:** POLYETHER URETHANE ELASTOMER  
**QUANTITY:** PC (EA)  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** MATERIAL OWNER: MT  
**SAMPLE SIZE:** 1 SHEET @ 12" X 12" AND 1 BLOCK @ 4" X 4"X 1/2'  
**UPDATED:** 02/27/2017  
**MEASUREMENTS:** TENSILE, COMPRESSION, HARDNESS, ELONGATION  
**REMARK:** ACCEPTANCE SAMPLE TESTED BY CBM  
**SPECIFICATIONS:** CONTRACT PLANS AND SPEC PROV

**MATERIAL:** 70316  
**DESCRIPTION:** LEVELING PAD, NEOPRENE  
**QUANTITY:** SQYD (SQ M)  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** MATERIAL OWNER: MT  
**SAMPLE SIZE:** 1 @ 12" X 12"  
**UPDATED:** 04/09/2021  
**MEASUREMENTS:** TENS. STRENGTH, ELONGATION, HARDNESS, COMPRESSION SET  
**REMARK:** LAB USE ONLY

**SPECIFICATIONS:** SEC 1052
### MATERIAL: 70322  DISK BEARING (HLMR)

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>68</td>
<td>75</td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: CBM AND CERT  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: COMPONENT MATERIALS- FASTENERS, PTFE, SS SHEET, POLYETHER URETHANE IN SHEET&BLOCK FORM  
**UPDATED**: 02/27/2020  
**MEASUREMENT**: TENS. STRENGTH, ELONGATION, HARDNESS  
**REMARK**: MUST BE FABRICATED FROM APPROVED COMPONENTS  
**SPECIFICATIONS**: SEC 1083, GBSP 13  
**CERT IS FOR DOM STEEL ACT; CBM APR LETTER REQ PER PROJECT**

### MATERIAL: 70323  PADS, BEARING, ELASTOMERIC PTFE TYPE 3

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>12</td>
<td>13</td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: QUAL AND CERT  
**EVIDENCE OF INSPECTION**: LIST AND CERT  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: 1 PAD WHEN DIRECTED BY CBM  
**UPDATED**: 03/15/2019  
**MEASUREMENT**: DIM., HARDNESS, SHIM SPACING, TENS. STRENGTH, ELONGATION, PEEL TEST  
**REMARK**: ACC TEST EVERY 125 BEARINGS; CBM WILL REQUEST FROM PROD  
**SPECIFICATIONS**: SEC 1083  
**CERT IS FOR DOMESTIC STEEL ACT**

### MATERIAL: 70401  BRICK, FACE, CLAY OR SHALE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>12</td>
<td>13</td>
<td>100</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: TEST  
**MATERIAL OWNER**: CN  
**SAMPLE SIZE**: 10 BRICKS  
**UPDATED**: 04/16/2019  
**MEASUREMENT**: DIMENSIONS, COMPRESSIVE STRENGTH, ABSORPTION  
**SPECIFICATIONS**: CONTRACT SPEC PROV  
**ASTM C216 (GRADE SW)**

### MATERIAL: 70402  BRICK, SEWER, CLAY OR SHALE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>12</td>
<td>13</td>
<td>100</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: TEST  
**MATERIAL OWNER**: CN  
**SAMPLE SIZE**: 10 BRICKS  
**UPDATED**: 04/16/2019  
**MEASUREMENT**: DIMENSIONS, COMPRESSIVE STRENGTH, ABSORPTION  
**SPECIFICATIONS**: CONTRACT SPEC PROV  
**ASTM C 32 (GRADE SS)**

### MATERIAL: 70403  BRICK, BLDG., CLAY OR SHALE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>12</td>
<td>13</td>
<td>100</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST  
**EVIDENCE OF INSPECTION**: TEST  
**MATERIAL OWNER**: CN  
**SAMPLE SIZE**: 10 BRICKS  
**UPDATED**: 04/16/2019  
**MEASUREMENT**: DIMENSIONS, COMPRESSIVE STRENGTH, ABSORPTION  
**SPECIFICATIONS**: ART 1041.01
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

-- MATERIAL: 70405  BRICK, PAVING, CLAY OR SHALE  EAR (EA )
DESC1: 16  DESC2: 12  DESC3: 13  SMALLQTY: 100
METHOD OF ACCEPTANCE----: TEST
EVIDENCE OF INSPECTION----: TEST
SAMPLE SIZE----: 10 BRICKS
CONTAINER1: 08  CONTAINER2:
MEASUREMENT----: DIMENSIONS, COMPRESSIVE STRENGTH, ABSORPTION
REMARK---------:
SPECIFICATIONS:  ART 1041.03

-- MATERIAL: 70501  TAPE, PAVEMENT MARKING, WHITE, TYPE1  LINFT(METER )
METHOD OF ACCEPTANCE----: TEST
EVIDENCE OF INSPECTION----: LA15  ILOK  CBM
SAMPLE SIZE----: 10 LINFT PER LOT
CONTAINER1: 08  CONTAINER2:
MEASUREMENT----: THICKNESS, REFLECTIVITY
REMARK---------:  SEE SHELF LIFE DOCUMENT
CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS:  ART 1095.06

-- MATERIAL: 70502  TAPE, PAVEMENT MARKING, YELLOW, TYPE1  LINFT(METER )
METHOD OF ACCEPTANCE----: TEST
EVIDENCE OF INSPECTION----: LA15  ILOK  CBM
SAMPLE SIZE----: 10 LINFT PER LOT
CONTAINER1: 08  CONTAINER2:
MEASUREMENT----: THICKNESS, REFLECTIVITY
REMARK---------:  SEE SHELF LIFE DOCUMENT
CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS:  ART 1095.06

-- MATERIAL: 70504  TAPE, PREFORMED PLASTIC, WHITE, TYPE B  LINFT(METER )
METHOD OF ACCEPTANCE----: TEST
EVIDENCE OF INSPECTION----: LA15  ILOK  CBM
SAMPLE SIZE----: 10 LINFT PER LOT
CONTAINER1: 08  CONTAINER2:
MEASUREMENT----: THICKNESS, REFLECTIVITY, DAYLIGHT REFLECTANCE
REMARK---------:  SEE SHELF LIFE DOCUMENT
CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS:  ART 1095.03

-- MATERIAL: 70505  TAPE, PREFORMED PLASTIC, YELLOW, TYPE B  LINFT(METER )
METHOD OF ACCEPTANCE----: TEST
EVIDENCE OF INSPECTION----: LA15  ILOK  CBM
SAMPLE SIZE----: 10 LINFT PER LOT
CONTAINER1: 08  CONTAINER2:
MEASUREMENT----: THICKNESS, REFLECTIVITY, DAYLIGHT REFLECTANCE
REMARK---------:  SEE SHELF LIFE DOCUMENT
CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS:  ART 1095.03
### MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

#### MATERIAL: 70506  LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE B  SQFT (SQ M )
- **METHOD OF ACCEPTANCE**: CERT
- **EVIDENCE OF INSPECTION**: CERT  LA15
- **SAMPLE SIZE**: FIELD INSPECTION  UPDATED: 04/20/2012
- **CONTAINER1**: CONTAINER2:
- **MEASUREMENT**: WORKMANSHIP, DIM.
- **REMARK**: :
- **SPECIFICATIONS**: ART 1095.03

#### MATERIAL: 70507  LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE B  SQFT (SQ M )
- **METHOD OF ACCEPTANCE**: CERT
- **EVIDENCE OF INSPECTION**: CERT  LA15
- **SAMPLE SIZE**: FIELD INSPECTION  UPDATED: 04/20/2012
- **CONTAINER1**: CONTAINER2:
- **MEASUREMENT**: WORKMANSHIP, DIM.
- **REMARK**: :
- **SPECIFICATIONS**: ART 1095.03

#### MATERIAL: 70508  TAPE, PAVEMENT MARKING, WHITE, TYPE3  LINFT(METER )
- **METHOD OF ACCEPTANCE**: TEST
- **EVIDENCE OF INSPECTION**: LA15  ILOK CBM TEST  UPDATED: 07/27/2020
- **CONTAINER1**: 08  CONTAINER2:
- **MEASUREMENT**: THICKNESS, REFLECTIVITY
- **REMARK**: SEE SHELF LIFE DOCUMENT
- **SPECIFICATIONS**: ART 1095.06

#### MATERIAL: 70509  TAPE, PAVEMENT MARKING, YELLOW, TYPE3  LINFT(METER )
- **METHOD OF ACCEPTANCE**: TEST
- **EVIDENCE OF INSPECTION**: LA15  ILOK CBM TEST  UPDATED: 07/27/2020
- **CONTAINER1**: 08  CONTAINER2:
- **MEASUREMENT**: THICKNESS, REFLECTIVITY
- **REMARK**: SEE SHELF LIFE DOCUMENT
- **SPECIFICATIONS**: ART 1095.06

#### MATERIAL: 70513  TAPE, PAVEMENT MARKING, WHITE, TYPE 4  LINFT(METER )
- **METHOD OF ACCEPTANCE**: TEST
- **EVIDENCE OF INSPECTION**: LA15  ILOK CBM TEST  UPDATED: 03/16/2021
- **CONTAINER1**: 08  CONTAINER2:
- **MEASUREMENT**: THICKNESS, DRY RETROREFLECTIVITY, WET RETROREFLECTIVITY, DAYLIGHT REFLECTANCE, SKID RESISTANCE
- **REMARK**: SEE SHELF LIFE DOCUMENT
- **SPECIFICATIONS**: BDE SPEC PROV FOR TEMPORARY PAVEMENT MARKING
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

--> MATERIAL: 70514 TAPE, PAVEMENT MARKING, YELLOW, TYPE 4  LINFT(METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK CBM TEST MATERIAL OWNER: AC
SAMPLE SIZE---: 10 LINFT PER LOT UPDATED: 03/16/2019
CONTAINER1: 08  CONTAINER2:
MEASUREMENT---: THICKNESS, DRY RETROREFLECTIVITY, WET RETROREFLECTIVITY,
DAYLIGHT REFLECTANCE, SKID RESISTANCE
REMARK-------- : SEE SHELF LIFE DOCUMENT
SPECIFICATIONS: BDE SPEC PROV FOR TEMPORARY PAVEMENT MARKING

--> MATERIAL: 70515 LETTER & SYMBOL, PAVEMENT MARKING, WHITE, TYPE 4 SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: AC
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/20/2012
CONTAINER1: CONTAINER2:
MEASUREMENT---: WORKMANSHIP, DIM.
REMARK-------- :
SPECIFICATIONS: BDE SPEC PROV FOR PAVEMENT MARKING TYPE IV

--> MATERIAL: 70516 LETTER & SYMBOL, PAVEMENT MARKING, YELLOW, TYPE 4 SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: AC
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/20/2012
CONTAINER1: CONTAINER2:
MEASUREMENT---: WORKMANSHIP, DIM.
REMARK-------- :
SPECIFICATIONS: BDE SPEC PROV FOR PAVEMENT MARKING TYPE IV

--> MATERIAL: 70517 TAPE, PAVEMENT MARKING, BLACKOUT LINFT(METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 10 LINFT PER LOT UPDATED: 02/22/2019
CONTAINER1: 08  CONTAINER2:
MEASUREMENT---: DAYLIGHT REFLECTANCE, SKID RESISTANCE, THICKNESS
REMARK-------- : CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS, SEE SHELF LIFE
DOCUMENT, AT LEAST 1" WIDER THAN PVT MK BEING COVERED
SPECIFICATIONS: BDE SPEC PROV FOR BLACKOUT TAPE

--> MATERIAL: 70521 TAPE,PREFORM THERMOPLASTIC PVMT MARKING,WHITE,HOT APPL LINFT(METER )
DESC1: 13  DESC2:  DESC3:  SMALLQTY: 150
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 SQ.FT. PER LOT UPDATED: 04/17/2019
CONTAINER1: 08  CONTAINER2:
MEASUREMENT---: THICKNESS,BEAD CONTENT & IMPERFECTION,FLEXIBILITY,COLOR
SOFTENING POINT
REMARK-------- :
CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: ART 1095.05
--- MATERIAL: 70522  TAPE, PREFORM THERMOPLASTIC PVMT MARKING, YELLOW, HOT APPL LINFT(METER )  
DESC1: 13  DESC2:  DESC3:  SMALLQTY: 150  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION: LA15 ILOK CBM  
MATERIAL OWNER: AC  
SAMPLE SIZE---: 1 SQ.FT. PER LOT  
UPDATED: 04/17/2019  
CONTAINER1: 08  CONTAINER2:  
MEASUREMENT---: THICKNESS, BEAD CONTENT & IMPERFECTION, FLEXIBILITY, COLOR, SOFTENING POINT  
REMARK--------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
SPECIFICATIONS: ART 1095.05

--- MATERIAL: 70523  LETTER&SYMBOL, PREFORM THERMOPLAS PVMT MARKING, WHITE, HOT APPL SQFT (SQM )  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: CERT LA15  
MATERIAL OWNER: AC  
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 03/30/2012  
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: WORKMANSHIP, DIMENSIONS  
REMARK--------:  
SPECIFICATIONS: ART 1095.05

--- MATERIAL: 70524  LETTER&SYMBOL, PREFORM THERMOPLAS PVMT MARKING, YELLOW, HOT APPL SQFT (SQM )  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: CERT LA15  
MATERIAL OWNER: AC  
SAMPLE SIZE---: FIELD INSPECTION  
UPDATED: 03/30/2012  
CONTAINER1:  CONTAINER2:  
MEASUREMENT---: WORKMANSHIP, DIMENSIONS  
REMARK--------:  
SPECIFICATIONS: ART 1095.05

--- MATERIAL: 70531  TAPE, PREFORMED PLASTIC, WHITE, TYPE C LINFT(METER )  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION: LA15 ILOK CBM  
MATERIAL OWNER: AC  
SAMPLE SIZE---: 10 LINFT PER LOT  
UPDATED: 02/27/2017  
CONTAINER1: 08  CONTAINER2:  
MEASUREMENT---: THICKNESS, RETRO REFLECTIVITY, DAYLIGHT REFLECTANCE  
REMARK--------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
SPECIFICATIONS: ART 1095.03

--- MATERIAL: 70532  TAPE, PREFORMED PLASTIC, YELLOW, TYPE C LINFT(METER )  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION: LA15 ILOK CBM  
MATERIAL OWNER: AC  
SAMPLE SIZE---: 10 LINFT PER LOT  
UPDATED: 02/27/2017  
CONTAINER1: 08  CONTAINER2:  
MEASUREMENT---: THICKNESS, RETRO REFLECTIVITY, DAYLIGHT REFLECTANCE  
REMARK--------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
SPECIFICATIONS: ART 1095.03
-- MATERIAL: 70533  LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE C  SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15  MATERIAL OWNER: AC
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/20/2012
CONTAINER1:  CONTAINER2:  MEASUREMENT---: WORKMANSHIP, DIM.
REMARK-------:  SPECIFICATIONS: ART 1095.03

-- MATERIAL: 70534  LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE C  SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15  MATERIAL OWNER: AC
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/20/2012
CONTAINER1:  CONTAINER2:  MEASUREMENT---: WORKMANSHIP, DIM.
REMARK-------:  SPECIFICATIONS: ART 1095.03

-- MATERIAL: 70535  TAPE, PREFORMED PLASTIC, WHITE, TYPE D  LINFT(METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: LA15 ILOK CBM  MATERIAL OWNER: AC
SAMPLE SIZE---: 10 LINFT PER LOT  UPDATED: 02/22/2019
CONTAINER1:  CONTAINER2:  MEASUREMENT---: DRY RETROREFLECTIVITY, WET RETROREFLECTIVITY, DAYLIGHT REFLECTANCE, SKID RESISTANCE, THICKNESS
REMARK-------:  SEE SHELF LIFE DOCUMENT
CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: BDE SPEC PROV FOR PREFORMED PLASTIC PAVEMENT MARKING TYPE D-INLAID, ART 1095.03

-- MATERIAL: 70536  TAPE, PREFORMED PLASTIC, YELLOW, TYPE D  LINFT(METER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: LA15 ILOK CBM  MATERIAL OWNER: AC
SAMPLE SIZE---: 10 LINFT PER LOT  UPDATED: 02/22/2019
CONTAINER1:  CONTAINER2:  MEASUREMENT---: DRY RETROREFLECTIVITY, WET RETROREFLECTIVITY, DAYLIGHT REFLECTANCE, SKID RESISTANCE, THICKNESS
REMARK-------:  SEE SHELF LIFE DOCUMENT
CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: BDE SPEC PROV FOR PREFORMED PLASTIC PAVEMENT MARKING TYPE D-INLAID, ART 1095.03

-- MATERIAL: 70537  LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE D  SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15  MATERIAL OWNER: AC
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/20/2012
CONTAINER1:  CONTAINER2:  MEASUREMENT---: WORKMANSHIP, DIM.
REMARK-------:  SPECIFICATIONS: BDE SPEC PROV FOR PREFORMED PLASTIC PAVEMENT MARKING TYPE D-INLAID, ART 1095.03
**MANUAL FOR MATERIALS INSPECTION - PART 2**

**MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS**

<table>
<thead>
<tr>
<th>MATERIAL: 70538</th>
<th>LETTER &amp; SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE D</th>
<th>SPECIFICATIONS: BDE SPEC PROV FOR PREFORMED PLASTIC PAVEMENT MARKING TYPE D-INLAID, ART 1095.03</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:---</td>
<td>CERT</td>
<td>SMALLQTY: :</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:---</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE:---</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 04/20/2012</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---</td>
<td>WORKMANSHIP, DIM.</td>
<td></td>
</tr>
<tr>
<td>REMARK:---</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 70601</th>
<th>MARKING, THERMOPLASTIC, WHITE</th>
<th>SPECIFICATIONS: ART 1095.01</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:---</td>
<td>TEST</td>
<td>SMALLQTY: 100</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:---</td>
<td>LA15 ILOK CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE:---</td>
<td>1 GAL FROM 3 DIFFERENT BAGS</td>
<td>UPDATED: 02/22/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---</td>
<td>SOFTENING POINT, COLOR, IGN LOSS, TI02</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
</tr>
<tr>
<td>REMARK:---</td>
<td>SEE SHELF LIFE DOCUMENT</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 70607</th>
<th>MARKING, THERMOPLASTIC, YELLOW, (PB &amp; CR FREE)</th>
<th>SPECIFICATIONS: ART 1095.01</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:---</td>
<td>TEST</td>
<td>SMALLQTY: 100</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:---</td>
<td>LA15 ILOK CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE:---</td>
<td>1 GAL FROM 3 DIFFERENT BAGS</td>
<td>UPDATED: 03/16/2021</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---</td>
<td>SOFTENING POINT, COLOR, BEAD CONTENT, CHROMATICITY LIMIT, IGN LOSS, QUV, IMPERFECTIONS</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
</tr>
<tr>
<td>REMARK:---</td>
<td>SEE SHELF LIFE DOCUMENT</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 70608</th>
<th>MARKING, THERMOPLASTIC, WHITE, HOT SPRAY</th>
<th>SPECIFICATIONS: TRAFFIC COMMODITY SPEC T-19</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:---</td>
<td>TEST</td>
<td>SMALLQTY: 100</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:---</td>
<td>LA15 ILOK CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE:---</td>
<td>1 GAL FROM 3 DIFFERENT BAGS</td>
<td>UPDATED: 03/16/2021</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---</td>
<td>SOFTENING POINT, COLOR, BEAD CONTENT, CHROMATICITY LIMIT, IGN LOSS, QUV, IMPERFECTIONS</td>
<td></td>
</tr>
<tr>
<td>REMARK:---</td>
<td>SEE SHELF LIFE DOCUMENT</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 70609</th>
<th>MARKING, THERMOPLASTIC, YELLOW, 30 MIL SPRAY(PB &amp; CR FREE)</th>
<th>SPECIFICATIONS: TRAFFIC COMMODITY SPEC T-19</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:---</td>
<td>TEST</td>
<td>SMALLQTY: 100</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:---</td>
<td>LA15 ILOK CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE:---</td>
<td>1 GAL FROM 3 DIFFERENT BAGS</td>
<td>UPDATED: 03/16/2021</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:---</td>
<td>SOFTENING POINT, COLOR, BEAD CONTENT, CHROMATICITY LIMIT, IGN LOSS, QUV, IMPERFECTIONS</td>
<td></td>
</tr>
<tr>
<td>REMARK:---</td>
<td>SEE SHELF LIFE DOCUMENT</td>
<td></td>
</tr>
</tbody>
</table>
--- MATERIAL: 70701  FIRE HYDRANTS EA (EA )
  METHOD OF ACCEPTANCE---: CERT 
  EVIDENCE OF INSPECTION--: CERT LA15 MATERIAL OWNER: MT 
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 05/01/2008 
CONTAINER1: CONTAINER2: 
MEASUREMENT---: WORKMANSHIP, DIM. 
REMARK------- : DOMESTIC STEEL ACT APPLIES 
SPECIFICATIONS: MFR. SPEC.

--- MATERIAL: 70801  MARKER, RAISED PAVEMENT EA (EA )
  METHOD OF ACCEPTANCE---: QUAL AND CERT 
  EVIDENCE OF INSPECTION--: LIST AND CERT MATERIAL OWNER: AC 
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/08/2020 
CONTAINER1: 08 CONTAINER2: 
MEASUREMENT---: 
REMARK------- : THIS CODE IS FOR THE IRON CASTING AND REPLACEABLE MARKER 
DOMESTIC STEEL ACT APPLIES 
SPECIFICATIONS: ART 1096.01

--- MATERIAL: 70802  IMPACT BARRIER EA (EA )
  METHOD OF ACCEPTANCE---: QUAL AND CERT 
  EVIDENCE OF INSPECTION--: LIST AND CERT MATERIAL OWNER: SAFETY 
SAMPLE SIZE---: UPDATED: 11/14/2017 
CONTAINER1: 04 CONTAINER2: 06 
MEASUREMENT---: 
REMARK------- : CERT IS FOR DOMESTIC STEEL ACT 
SPECIFICATIONS: SEC 643 SEC 706

--- MATERIAL: 70805  RUMBLE STRIP, TEMPORARY LINFT (METER )
  METHOD OF ACCEPTANCE---: CERT 
  EVIDENCE OF INSPECTION--: CERT MATERIAL OWNER: AC 
SAMPLE SIZE---: UPDATED: 02/06/2019 
CONTAINER1: CONTAINER2: 
MEASUREMENT---: 
REMARK------- : 
SPECIFICATIONS: ART 1106.03, HWY STD 701901

--- MATERIAL: 70806  BOLLARD, STEEL & TIMBER DROP EA ( )
  METHOD OF ACCEPTANCE---: CERT 
  EVIDENCE OF INSPECTION--: CERT LA15 ILOK MATERIAL OWNER: MT 
SAMPLE SIZE---: UPDATED: 05/01/2008 
CONTAINER1: CONTAINER2: 
MEASUREMENT---: DIMENSIONS, WORKMANSHIP 
REMARK------- : DOMESTIC STEEL ACT APPLIES 
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS
--- MATERIAL: 70807 BOLLARD, STEEL EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT LA15 ILOK MATERIAL OWNER: MT
  SAMPLE SIZE---: UPDATED: 05/01/2008
  CONTAINER1: CONTAINER2:
  MEASUREMENT---:
  REMARK-------- : DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 70808 MARKER, RAISED PAVEMENT, REPLACEMENT REFLECTOR EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: AC
  SAMPLE SIZE---: 3 PER LOT UPDATED: 11/15/2017
  CONTAINER1: 08 CONTAINER2:
  MEASUREMENT---: DIMENSIONS, RETROREFLECTIVITY, TRADEMARK, REFLECTIVE AREA
  REMARK-------- : REPLACEMENT REFLECTOR USED IN 70801 SNOWPLOWABLE RPM
  SPECIFICATIONS: ART 1096.01

--- MATERIAL: 70809 BOLLARD, ALUMINUM EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT LA15 ILOK MATERIAL OWNER: MT
  SAMPLE SIZE---: UPDATED: 02/01/2011
  CONTAINER1: CONTAINER2:
  MEASUREMENT---:
  REMARK-------- :
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 70810 MARKER, RAISED PAVEMENT, TEMPORARY EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT MATERIAL OWNER: AC
  SAMPLE SIZE---: FIELD INSPECTION UPDATED: 12/31/2015
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: WORKMANSHIP, DIM., RETROREFLECTIVITY
  REMARK-------- :
  SPECIFICATIONS: ART 1096.02

--- MATERIAL: 70903 RING, ADJUSTING, HIGH DENSITY POLYSTYRENE, POLYUREA COATING EA ( )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION UPDATED: 09/18/2018
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIMENSIONS
  REMARK-------- :
  SPECIFICATIONS: SUPP SPEC FOR ADJUSTING RINGS ART 1043.04
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>70904</td>
<td>RING, ADJUSTING, EXPANDED POLYPROPYLENE (EPP)</td>
<td>ART 1043.05</td>
</tr>
<tr>
<td>70905</td>
<td>RING, ADJUSTING, HIGH DENSITY POLYETHYLENE (HDPE)</td>
<td>ART 1043.02</td>
</tr>
<tr>
<td>72024</td>
<td>FILTER, INLET, SEDIMENT CONTROL</td>
<td>ART 1081.15 (H)</td>
</tr>
<tr>
<td>72025</td>
<td>CONFINEMENT SYSTEM, CELLULAR</td>
<td>UNDER EVALUATION</td>
</tr>
<tr>
<td>72026</td>
<td>DETECTABLE WARNINGS FOR CURB RAMPS AND OTHER LOCATIONS</td>
<td>ART 424.09</td>
</tr>
<tr>
<td>MATERIAL</td>
<td>DESCRIPTION</td>
<td>QTY</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>-----</td>
</tr>
<tr>
<td>72027</td>
<td>FOAM, EXPANDING POLYURETHANE, HIGH DENSITY</td>
<td>LB (KG)</td>
</tr>
<tr>
<td>72028</td>
<td>FILTER, INLET, SEDIMENT CONTROL, ABOVE GRADE</td>
<td>EA (EA)</td>
</tr>
<tr>
<td>72029</td>
<td>WEIGH-IN-MOTION SYSTEM (WIM)</td>
<td>EA</td>
</tr>
</tbody>
</table>
--- MATERIAL: 75000 FIELD SOIL COMPACTION

CUYD (M TON )


METHOD OF ACCEPTANCE---: TEST

EVIDENCE OF INSPECTION--: TEST

MATERIAL OWNER: SL

SAMPLE SIZE---: UPDATED: 11/14/2017

CONTAINER1: 03 CONTAINER2: 04

MEASUREMENT---: DENSITY, MOISTURE

REMARK--------:

SPECIFICATIONS: SEC 205, 301

--- MATERIAL: 75001 MIXTURE, LIME-SOIL

N/A (N/A )

DESC1: DESC2: DESC3: SMALLQTY: 600

METHOD OF ACCEPTANCE---: TEST

EVIDENCE OF INSPECTION--: TEST

MATERIAL OWNER: SL

SAMPLE SIZE---: UPDATED: 05/03/2019

CONTAINER1: 03 CONTAINER2: 04

MEASUREMENT---: DENSITY, IBV

REMARK--------:

SPECIFICATIONS: SEC 302, 310, 350

--- MATERIAL: 75004 MIXTURE, SOIL CEMENT

TONS (M TON )

DESC1: DESC2: DESC3: SMALLQTY: 600

METHOD OF ACCEPTANCE---: TEST

EVIDENCE OF INSPECTION--: TEST

MATERIAL OWNER: SL

SAMPLE SIZE---: UPDATED: 05/03/2019

CONTAINER1: 03 CONTAINER2: 04

MEASUREMENT---: DENSITY, IBV, COMPRESSIVE STRENGTH

REMARK--------:

SPECIFICATIONS: SEC 352, 302

--- MATERIAL: 75007 MIXTURE, FLYASH-SOIL

N/A (N/A )

DESC1: DESC2: DESC3: SMALLQTY: 600

METHOD OF ACCEPTANCE---: TEST

EVIDENCE OF INSPECTION--: TEST

MATERIAL OWNER: SL

SAMPLE SIZE---: UPDATED: 01/22/2020

CONTAINER1: 03 CONTAINER2: 04

MEASUREMENT---: DENSITY, IBV

REMARK--------:

SPECIFICATIONS: SEC 302
### MATERIAL: 77901  PIPE, COPPER WATER

**DESC1:** 14  
**DESC2:** 19  
**DESC3:** SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** CERT  
**EVIDENCE OF INSPECTION---:** LA15 CERT AND MARK  
**SAMPLE SIZE---:** 1 @ 12" LONG FROM EACH SIZE & SOURCE  
**UPDATED:** 04/07/2015  
**MEASUREMENT---:** DIM., WT/M., TENS. STRENGTH  
**REMARK--------:** CATALOG CUT MAY BE USED AS CERT  
**MATERIAL GROUP:** MISCELLANEOUS METALS  
**MATERIAL OWNER:** MT  
**SPECIFICATIONS:** ART 1006.33, ASTM B 88M  
**REMARK-------:** BRAND AND TYPE ARE STAMPED ON PIPE AT 1 FOOT INTERVALS.

---

### MATERIAL: 77903  CORPORATION STOPS, VALVE BRASS

**DESC1:**  
**DESC2:**  
**DESC3:** SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** VIS  
**EVIDENCE OF INSPECTION---:** MARK  
**SAMPLE SIZE---:** FIELD INSPECTION  
**UPDATED:** 07/01/1990  
**MEASUREMENT---:** DIM., WORKMANSHP  
**REMARK--------:** VISUAL INSPECTION AT SUPPLIER OR DESTINATION  
**MATERIAL OWNER:** MT  
**CONTAINER1:**  
**CONTAINER2:**  
**MEASUREMENT---:**  
**REMARK-------:**  
**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS

---

### MATERIAL: 78201  PLATE, NAME

**DESC1:**  
**DESC2:**  
**DESC3:** SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** VIS  
**EVIDENCE OF INSPECTION---:** LA15 VIS  
**SAMPLE SIZE---:** FIELD INSPECTION  
**UPDATED:** 07/01/1990  
**MEASUREMENT---:** DIM., NAME  
**REMARK--------:** VISUAL INSPECTION AT SUPPLIER OR DESTINATION  
**MATERIAL OWNER:** MT  
**CONTAINER1:**  
**CONTAINER2:**  
**MEASUREMENT---:**  
**REMARK-------:**  
**SPECIFICATIONS:** SEC 515, CONTRACT PLANS

---

### MATERIAL: 78301  MARKER, BRONZE SURVEY

**DESC1:**  
**DESC2:**  
**DESC3:** SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** VIS  
**EVIDENCE OF INSPECTION---:** LA15 VIS  
**SAMPLE SIZE---:** FIELD INSPECTION  
**UPDATED:** 05/26/2009  
**MEASUREMENT---:** DIMENSIONS  
**REMARK--------:** VISUAL INSPECTION AT SUPPLIER OR DESTINATION  
**MATERIAL OWNER:** MT  
**CONTAINER1:**  
**CONTAINER2:**  
**MEASUREMENT---:**  
**REMARK-------:**  
**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS

---

### MATERIAL: 78304  COVER (MONUMENT/SURVEY) BRASS

**DESC1:**  
**DESC2:**  
**DESC3:** SMALLQTY: .  
**METHOD OF ACCEPTANCE---:** VIS  
**EVIDENCE OF INSPECTION---:** LA15 VIS  
**SAMPLE SIZE---:** FIELD INSPECTION  
**UPDATED:** 07/01/1990  
**MEASUREMENT---:** DIMENSIONS  
**REMARK--------:** VISUAL INSPECTION AT SUPPLIER OR DESTINATION  
**MATERIAL OWNER:** MT  
**CONTAINER1:**  
**CONTAINER2:**  
**MEASUREMENT---:**  
**REMARK-------:**  
**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS
--- MATERIAL: 78306  MARKER, SURVEY, ALUM
  METHOD OF ACCEPTANCE: VIS
  EVIDENCE OF INSPECTION: LA15 VIS
  MATERIAL OWNER: MT
  SAMPLE SIZE: FIELD INSPECTION
  UPDATED: 05/26/2009
  CONTAINER1:  CONTAINER2:
  MEASUREMENT: DIMENSIONS
  REMARK: VISUAL INSPECTION AT SUPPLIER OR DESTINATION
  SPECIFICATIONS: HWY STD 667101

--- MATERIAL: 78308  COVER (MONUMENT/SURVEY) ALUMINUM
  METHOD OF ACCEPTANCE: VIS
  EVIDENCE OF INSPECTION: LA15 VIS
  MATERIAL OWNER: MT
  SAMPLE SIZE: FIELD INSPECTION
  UPDATED: 07/01/1990
  CONTAINER1:  CONTAINER2:
  MEASUREMENT: DIMENSIONS
  REMARK: VISUAL INSPECTION AT SUPPLIER OR DESTINATION
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 78501  DRAINS, ALUMINUM
  METHOD OF ACCEPTANCE: CERT
  EVIDENCE OF INSPECTION: LA15 CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE: FIELD INSPECTION
  UPDATED: 05/15/2019
  CONTAINER1:  CONTAINER2:
  MEASUREMENT: DIM., WORKMANSHIP
  REMARK: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 78504  CURB PLATE, ALUM
  METHOD OF ACCEPTANCE: CERT
  EVIDENCE OF INSPECTION: LA15 CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE: FIELD INSPECTION
  UPDATED: 05/15/2019
  CONTAINER1:  CONTAINER2:
  MEASUREMENT: DIM., WORKMANSHIP, CHEMICAL
  REMARK: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 78506  SHIELD, RODENT
  METHOD OF ACCEPTANCE: VIS
  EVIDENCE OF INSPECTION: VIS
  MATERIAL OWNER: MT
  SAMPLE SIZE: FIELD INSPECTION
  UPDATED: 02/19/2009
  CONTAINER1:  CONTAINER2:
  MEASUREMENT: DIM., WORKMANSHIP
  REMARK: VISUAL INSPECTION AT SUPPLIER OR DESTINATION
  SPECIFICATIONS: CONTRACT PLANS OR HWY STD 601101
MATERIAL: 78507  GRATING, ALUMINUM  SQFT (SQ M )
DESC1: 9  DESC2: 6  DESC3: 89  SMALLQTY:
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT  LA15  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 05/15/2019
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WT., APP.; TENS. STRTH. & ELONG. OF TEST PLATE ALUM,
                  YIELD STRTH.
REMARK---------:
SPECIFICATIONS:  SPEC PROV OR CONTRACT PLANS
--- MATERIAL: 80398  WEED KILLER  
METHOD OF ACCEPTANCE---: VIS  
EVIDENCE OF INSPECTION#: MARK VIS  
SAMPLE SIZE#:  
CONTAINER1:  CONTAINER2:  
MEASUREMENT#:  
REMARK-----:  
SPECIFICATIONS:  CONTRACT SPEC PROV  

--- MATERIAL: 80399  WEED KILLER  
METHOD OF ACCEPTANCE---: VIS  
EVIDENCE OF INSPECTION#: MARK VIS  
SAMPLE SIZE#:  
CONTAINER1:  CONTAINER2:  
MEASUREMENT#:  
REMARK-----:  
SPECIFICATIONS:  CONTRACT SPEC PROV  

--- MATERIAL: 80401  CALCIUM CHLORIDE  
DESC1:  DESC2:  DESC3:  SMALLQTY: 1  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION#: TEST  
SAMPLE SIZE#:  2.5 LBS/QUART SIZED CONTAINER  
CONTAINER1:  04  CONTAINER2:  
MEASUREMENT#:  SIEVE ANALYSIS, ECL  
REMARK-----:  
SPECIFICATIONS:  ART 1013.01 (B)  

--- MATERIAL: 80402  SODIUM CHLORIDE (ROCK SALT)  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION#: TEST  
SAMPLE SIZE#:  10 LBS/GALLON SIZED CONTAINER PER SHIPMENT  
CONTAINER1:  04  CONTAINER2:  13  
MEASUREMENT#:  SIEVE ANALYSIS, PURITY  
REMARK-----:  
SPECIFICATIONS:  ART 1013.02  

--- MATERIAL: 80403  CALCIUM CHLORIDE (LIQUID)  
DESC1:  DESC2:  DESC3:  SMALLQTY: 500  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION#: TEST  
SAMPLE SIZE#:  1 QUART PER TANK-CHECK SAMPLES NOT LESS THAN 10 OF DELIVERIES MADE  
CONTAINER1:  04  CONTAINER2:  
MEASUREMENT#:  SPG, ECL2  
REMARK-----:  
SPECIFICATIONS:  ART 1013.01 (A)
### Material: 80801 - Post, Snow Fence Steel

**Method of Acceptance:** Cert  
**Evidence of Inspection:** Cert LA15  
**Sample Size:** Field Inspection  
**Specifications:** IDOT M-21, ASTM A 616

**Container 1:**  
**Container 2:**  
**Measurement:** Weight, Length, Protective Coating  
**Remark:** Domestic Steel Act Applies

### Material: 80903 - Rope, Wire

**Method of Acceptance:** Test  
**Evidence of Inspection:** LA15  
**Sample Size:** 2 @ 4FT  
**Specifications:** Fed. Spec. RR-W-410

**Container 1:**  
**Container 2:**  
**Measurement:** Tens. Strength, Elongation  
**Remark:** Acceptance Samples Tested by CBM  
**Specifications:** Domestic Steel Act Applies

### Material: 80906 - Metalizing Wire, 85/15 Zinc/Aluminium

**Method of Acceptance:** Cert  
**Evidence of Inspection:** Cert  
**Sample Size:**  
**Specifications:** Contract Spec Prov, ASTM B833, AWS C2.25

**Container 1:**  
**Container 2:**  
**Remark:**  
**Specifications:**
APPENDIX A2
Illinois Department of Transportation

MATERIAL DESCRIPTION KEY

Enter the appropriate description where item number appears in the material code.

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CA06, CA10, CA12 <strong>Obsolete</strong></td>
</tr>
<tr>
<td>2</td>
<td>CA02, CA04, CA06, CA10, CA12 <strong>Obsolete</strong></td>
</tr>
<tr>
<td>3</td>
<td>CA06, CA10 <strong>Obsolete</strong></td>
</tr>
<tr>
<td>4</td>
<td>SPCL <strong>Obsolete</strong></td>
</tr>
<tr>
<td>5</td>
<td>CA06 <strong>Obsolete</strong></td>
</tr>
<tr>
<td>6</td>
<td>Highway Standard Number (i.e., 2242)</td>
</tr>
<tr>
<td>7</td>
<td>Width (Feet)</td>
</tr>
<tr>
<td>8</td>
<td>Section Number (i.e., PDA 27)</td>
</tr>
<tr>
<td>9</td>
<td>Iron Casting Type</td>
</tr>
<tr>
<td></td>
<td>Gray</td>
</tr>
<tr>
<td></td>
<td>Ductile</td>
</tr>
<tr>
<td>40</td>
<td>Location with Corresponding Numeric Code(s)</td>
</tr>
<tr>
<td></td>
<td>BD  Bridge Deck (16, 18, 27, 46)</td>
</tr>
<tr>
<td></td>
<td>MS  Massive Structures (15, 35, 36)</td>
</tr>
<tr>
<td></td>
<td>PC  Precast Concrete Structures (38)</td>
</tr>
<tr>
<td></td>
<td>Precast Deck Slab (19)</td>
</tr>
<tr>
<td></td>
<td>Precast Piles (24)</td>
</tr>
<tr>
<td></td>
<td>Precast Barriers (37)</td>
</tr>
<tr>
<td></td>
<td>PP  Pavement Patching (17)</td>
</tr>
<tr>
<td></td>
<td>PS  Precast Prestressed Members (20)</td>
</tr>
<tr>
<td></td>
<td>Piles (25)</td>
</tr>
<tr>
<td></td>
<td>PV  Pavement, Base Course &amp; Widening, Driveways (01, 02, 10, 11, 34)</td>
</tr>
<tr>
<td></td>
<td>RR  PCC Railroad Crossing (12)</td>
</tr>
<tr>
<td></td>
<td>SC  Seal Coat Concrete (23)</td>
</tr>
<tr>
<td></td>
<td>SH  PCC Shoulders (29)</td>
</tr>
<tr>
<td></td>
<td>SI  Structures-Incidental, C&amp;G, Median, Culvert, Headwall (03, 08, 09, 13, 14, 21, 22, 31, 40, 41, 42, 43, 44, 45)</td>
</tr>
</tbody>
</table>

Or

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Base Course PCC</td>
</tr>
<tr>
<td>02</td>
<td>Base Course PCC Widening</td>
</tr>
<tr>
<td>03</td>
<td>Incidental PCC Curb and/or Gutter</td>
</tr>
<tr>
<td>04</td>
<td>For PCC Gutter <strong>Obsolete</strong></td>
</tr>
<tr>
<td>05</td>
<td>For PCC Combination Curb &amp; Gutter <strong>Obsolete</strong></td>
</tr>
<tr>
<td>06</td>
<td>For PCC Step-Curb &amp; Gutter <strong>Obsolete</strong></td>
</tr>
<tr>
<td>07</td>
<td>For PCC Hub-Guard &amp; Gutter <strong>Obsolete</strong></td>
</tr>
<tr>
<td>ITEM NO.</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>08</td>
<td>Incidental PCC Paved Ditch</td>
</tr>
<tr>
<td>09</td>
<td>Incidental PCC Median</td>
</tr>
<tr>
<td>10</td>
<td>Pavement PCC</td>
</tr>
<tr>
<td>11</td>
<td>Pavement PCC Continuously Reinforced</td>
</tr>
<tr>
<td>12</td>
<td>Railroad Crossing PCC</td>
</tr>
<tr>
<td>13</td>
<td>Incidental PCC Sidewalk</td>
</tr>
<tr>
<td>14</td>
<td>Incidental PCC Slope Wall</td>
</tr>
<tr>
<td>15</td>
<td>Structures PCC</td>
</tr>
<tr>
<td>16</td>
<td>Bridge Deck</td>
</tr>
<tr>
<td>17</td>
<td>Pavement Patching</td>
</tr>
<tr>
<td>18</td>
<td>Bridge Deck Patching</td>
</tr>
<tr>
<td>19</td>
<td>Precast PCC Structures Deck Slab</td>
</tr>
<tr>
<td>20</td>
<td>Precast Prestressed Members</td>
</tr>
<tr>
<td>21</td>
<td>Incidental PCC Headwalls</td>
</tr>
<tr>
<td>22</td>
<td>Incidental PCC Handrail</td>
</tr>
<tr>
<td>23</td>
<td>Seal Coat PCC</td>
</tr>
<tr>
<td>24</td>
<td>Precast PCC Piles</td>
</tr>
<tr>
<td>25</td>
<td>Precast Prestressed Piles</td>
</tr>
<tr>
<td>26</td>
<td>Shotcrete</td>
</tr>
<tr>
<td>27</td>
<td>Bridge Deck Overlay Concrete</td>
</tr>
<tr>
<td>28</td>
<td>For Latex Concrete Obsolete</td>
</tr>
<tr>
<td>29</td>
<td>Shoulders PCC</td>
</tr>
<tr>
<td>30</td>
<td>Sub-Base PCC</td>
</tr>
<tr>
<td>31</td>
<td>Incidental PCC</td>
</tr>
<tr>
<td>32</td>
<td>Fill CLSM</td>
</tr>
<tr>
<td>33</td>
<td>Fill Cellular</td>
</tr>
<tr>
<td>34</td>
<td>Pavement PCC Jointed</td>
</tr>
<tr>
<td>35</td>
<td>Structures PCC Drilled Shaft</td>
</tr>
<tr>
<td>36</td>
<td>Structures PCC Massive</td>
</tr>
<tr>
<td>37</td>
<td>Precast PCC Barriers</td>
</tr>
<tr>
<td>38</td>
<td>Precast PCC Structures</td>
</tr>
<tr>
<td>39</td>
<td>Precast Prestressed Sight Screen</td>
</tr>
<tr>
<td>40</td>
<td>Incidental PCC Structures Foundation</td>
</tr>
<tr>
<td>41</td>
<td>Incidental PCC Structures Footing</td>
</tr>
<tr>
<td>42</td>
<td>Incidental PCC Structures</td>
</tr>
<tr>
<td>43</td>
<td>Incidental PCC Barriers</td>
</tr>
<tr>
<td>44</td>
<td>Incidental PCC Culverts</td>
</tr>
<tr>
<td>45</td>
<td>Incidental Retaining Walls</td>
</tr>
<tr>
<td>46</td>
<td>Bridge Deck Approach Slab</td>
</tr>
</tbody>
</table>

<p>|        | Height (Inches)                                 |
|        | Length (Inches)                                 |
|        | Width (Inches)                                  |
|        | Diameter (Inches)                               |
|        | Depth (Inches)                                  |
|        | Thickness (Inches)                              |
|        | Piece Obsolete                                  |</p>
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>Height (Feet)</td>
</tr>
<tr>
<td>19</td>
<td>Length (Feet)</td>
</tr>
<tr>
<td>20</td>
<td>Wire Size (Gauge)</td>
</tr>
</tbody>
</table>
| 21      | Cable Characteristics  
|         | 01 Bare Stranded  
|         | 02 Bare Solid  
|         | 03 Insulated Stranded  
|         | 04 Insulated Solid |
| 22      | Pay Item Code Number |
| 23      | Treatment Type  
|         | 01 Untreated  
|         | 02 Creosote  
|         | 03 Penta  
|         | 04 Arsenates |
| 24      | Weight/Foot (Pounds) |
| 25      | Weight, Pounds  
|         | Obsolete |
| 26      | Equivalent Diameter (Inches) |
| 27      | Type |
| 28      | Wall Thickness (Inches) |
| 29      | Design Code  
|         | Obsolete |
| 30      | Grade |
| 31      | Class |
| 32      | Type I or II; or 1 Or 2 (Adhesive)  
|         | Obsolete |
| 33      | Nominal Diameter (Inches) |
| 34      | Outside Diameter (Inches) |
| 35      | Type of Sheeting  
|         | A  
|         | Obsolete  
|         | AA  
|         | AP  
|         | AZ  
|         | BB  
|         | Obsolete  
|         | B  
|         | Obsolete  
|         | C  
|         | Obsolete  
|         | ZZ |
| 36      | Square Inches  
<p>|         | Obsolete |
| 37      | Color |
| 38      | Number of Conductors and Wire Size (i.e., 2/C-6) |
| 39      | Rebar Size (i.e., 6) |</p>
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Shape</td>
</tr>
<tr>
<td>41</td>
<td>Gauge</td>
</tr>
</tbody>
</table>
| 42       | Type **Obsolete**  
01 For Southern Yellow Pine  
02 For Western Red Cedar  
03 For Douglas Fir  
04 For Cypress  
05 For Hemlock  
06 For Spruce |
| 43       | Manufacturer Catalog Number |
| 44       | Longitudinal Spacing X Transverse Spacing (Inches) |
| 45       | LoDS X T  DS **Obsolete** |
| 46       | WI X L **Obsolete** |
| 47       | LoDS TW S **Obsolete** |
| 48       | LoWS TD S **Obsolete** |
| 49       | LoWS X TWS **Obsolete** |
| 50       | Longitudinal Size X Transverse Size |
| 51       | Wire Size, Reinforcing (i.e., W7 or D7) |
| 52       | Lengths of Legs {i.e., 4 X 4} |
| 53       | Bolt/Nut Style  
1 Regular  
2 Heavy |
| 54       | Conductor Material  
Copper  
Aluminum |
| 55       | Degree of Bend |
| 56       | Degree of Intersection |
| 57       | Number of Pairs |
| 58       | 01 Letter Upper Case **Obsolete**  
02 Letter Lower Case **Obsolete**  
03 Numeral **Obsolete**  
04 Symbol **Obsolete** |
| 59       | Number (i.e., 1, 2, etc.) |
| 60       | 01 Prismatic **Obsolete**  
02 Reflective Sheet **Obsolete** |
<p>| 61       | Brand Name |
| 62       | Location Code <strong>Obsolete</strong> |
| 63       | Width, Inches as Described in Pay Item (Nominal) |</p>
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>64</td>
<td>01 Block/Solid <em>Obsolete</em></td>
</tr>
<tr>
<td></td>
<td>02 Granular/Powderized <em>Obsolete</em></td>
</tr>
<tr>
<td>65</td>
<td>Number of Components</td>
</tr>
<tr>
<td></td>
<td>02 Two-Component</td>
</tr>
<tr>
<td></td>
<td>03 Three-Component</td>
</tr>
<tr>
<td>66</td>
<td>Shielded <em>Obsolete</em></td>
</tr>
<tr>
<td>67</td>
<td>Degree of Bend <em>Obsolete</em></td>
</tr>
<tr>
<td>68</td>
<td>Design Load</td>
</tr>
<tr>
<td>69</td>
<td>Use</td>
</tr>
<tr>
<td></td>
<td>01 Pipe Underdrains</td>
</tr>
<tr>
<td></td>
<td>02 French Drains</td>
</tr>
<tr>
<td></td>
<td>04 Reflective Crack Control</td>
</tr>
<tr>
<td></td>
<td>05 Ground Stabilization</td>
</tr>
<tr>
<td></td>
<td>06 Railroad Crossing</td>
</tr>
<tr>
<td></td>
<td>07 Riprap</td>
</tr>
<tr>
<td>70</td>
<td>Weight (Ounces/Square Yard)</td>
</tr>
<tr>
<td>71</td>
<td>Modified (If Seed is not Modified, Leave Blank)</td>
</tr>
<tr>
<td>72</td>
<td>Aggregate Type - Micro Surfacing</td>
</tr>
<tr>
<td></td>
<td>01 Limestone</td>
</tr>
<tr>
<td></td>
<td>02 Dolomite</td>
</tr>
<tr>
<td></td>
<td>03 ACBF Slag</td>
</tr>
<tr>
<td></td>
<td>04 Sandstone</td>
</tr>
<tr>
<td></td>
<td>05 Crushed Gravel</td>
</tr>
<tr>
<td></td>
<td>06 ACBF Slag / Limestone</td>
</tr>
<tr>
<td></td>
<td>07 Sandstone / Limestone</td>
</tr>
<tr>
<td>73</td>
<td>Detectable Warning Type</td>
</tr>
<tr>
<td></td>
<td>01 Precast Concrete</td>
</tr>
<tr>
<td></td>
<td>02 Iron or Steel</td>
</tr>
<tr>
<td></td>
<td>03 Plastic</td>
</tr>
<tr>
<td></td>
<td>04 Composite</td>
</tr>
<tr>
<td>74</td>
<td>Rebar/Steel Producer Number</td>
</tr>
<tr>
<td>75</td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>01 Fixed</td>
</tr>
<tr>
<td></td>
<td>02 Guided</td>
</tr>
<tr>
<td></td>
<td>03 Non-Guided</td>
</tr>
<tr>
<td>76</td>
<td>Resin Abbr: Company Name-Product Name (See the Qualified Product List of High Friction Surface Treatment)</td>
</tr>
<tr>
<td>77</td>
<td>Aggregate Abbr: Company Name-Location (See the Qualified Product List of High Friction Surface Treatment)</td>
</tr>
<tr>
<td>ITEM NO.</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>78</td>
<td>Geogrid Type</td>
</tr>
<tr>
<td></td>
<td>01 Uniaxial</td>
</tr>
<tr>
<td></td>
<td>02 Biaxial</td>
</tr>
<tr>
<td></td>
<td>03 Triaxial</td>
</tr>
<tr>
<td>79</td>
<td>Head Type</td>
</tr>
<tr>
<td></td>
<td>F Forged</td>
</tr>
<tr>
<td></td>
<td>T Threaded</td>
</tr>
<tr>
<td></td>
<td>W Welded</td>
</tr>
<tr>
<td>80</td>
<td>Depth (Inches) X Length (Inches) X Width (Inches)</td>
</tr>
<tr>
<td>81</td>
<td>Depth (Inches) X Width (Inches)</td>
</tr>
<tr>
<td>82</td>
<td>Diameter (Inches) X Diameter (Inches)</td>
</tr>
<tr>
<td>83</td>
<td>Diameter (Inches) X Length (Inches)</td>
</tr>
<tr>
<td>84</td>
<td>Height (Feet) X Length (Feet)</td>
</tr>
<tr>
<td>85</td>
<td>Height (Inches) X Length (Inches) X Width (Inches)</td>
</tr>
<tr>
<td>86</td>
<td>Length (Feet) X Width (Inches)</td>
</tr>
<tr>
<td>87</td>
<td>Height (Inches) X Width (Inches)</td>
</tr>
<tr>
<td>88</td>
<td>Length (Inches) X Thickness (Inches) X Width (Inches)</td>
</tr>
<tr>
<td>89</td>
<td>Length (Inches) X Width (Inches)</td>
</tr>
<tr>
<td>90</td>
<td>Thickness (Inches) X Width (Inches)</td>
</tr>
<tr>
<td>92</td>
<td>Sizing Standard</td>
</tr>
<tr>
<td></td>
<td>CIOD</td>
</tr>
<tr>
<td></td>
<td>CTS</td>
</tr>
<tr>
<td></td>
<td>DIPS</td>
</tr>
<tr>
<td></td>
<td>ID</td>
</tr>
<tr>
<td></td>
<td>IPS</td>
</tr>
<tr>
<td></td>
<td>ISO</td>
</tr>
<tr>
<td>92</td>
<td>Density Cell Class</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td>93</td>
<td>Stiffness Class</td>
</tr>
<tr>
<td></td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>75</td>
</tr>
<tr>
<td></td>
<td>115</td>
</tr>
<tr>
<td></td>
<td>153</td>
</tr>
<tr>
<td>94</td>
<td>Dimension Ratio</td>
</tr>
<tr>
<td></td>
<td>7.3</td>
</tr>
<tr>
<td></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>9.3</td>
</tr>
<tr>
<td></td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>13.5</td>
</tr>
<tr>
<td>ITEM NO.</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>94 (Cont.)</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>15.5</td>
</tr>
<tr>
<td></td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>23.5</td>
</tr>
<tr>
<td></td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>27.5</td>
</tr>
<tr>
<td></td>
<td>32.5</td>
</tr>
<tr>
<td></td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>51</td>
</tr>
<tr>
<td></td>
<td>64</td>
</tr>
<tr>
<td>95</td>
<td>Manufactured Dimensions</td>
</tr>
<tr>
<td>96</td>
<td>Aggregate Ledge Number</td>
</tr>
</tbody>
</table>
Appendices
APPENDIX B2
Illinois Department of Transportation
CONTAINER KEY

Samples submitted to the CBM Laboratory must be clearly labeled with the name of the material on the body of the container.

Following are recommended container types:

1. Screw top metal container.
2. Plastic bag in double canvas sacks.
3. Canvas sacks secured with zip ties when specified. Do not use burlap or “sugar sacks” for fine aggregate.
4. Plastic/Polyethylene container/bucket with secured lid.
5. Friction top metal container.
6. Telescoping (cardboard) carton.
7. Fiber Carton 4” x 5” x 5”, or large enough to fit core.
8. Well packed.
9. Securely fastened plastic bag in either a cardboard carton or a friction top metal container.
11. Plastic/ Polypropylene bag.
12. Original manufacturer’s package (unopened).
14. Concrete cylinder mold (tightly sealed).
15. Test panel 18” x 18” x 3.5” (Steel 3/16 in. minimum thickness bottom and sides; Wood 3/4 in. minimum thickness bottom/1.5 in. minimum thickness sides).
   NOTE: Shotcrete samples shall be labeled with the following information:
   • Date shotcrete was placed;
   • Name of material used from the QPL, Packaged High Performance Shotcrete;
   • Name and phone number of the RE;
   • Contract number;
   • Measured air content of shotcrete; and
   • Any other job specific location of placement (for example, East Pier).
16. Heavy duty cardboard box sealed with security tape when specified.