Manual for
MATERIALS INSPECTION
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>
<tbody>
<tr>
<td>05/31/2021</td>
<td>Updated hyperlinks throughout document.</td>
<td>Brian Pfeifer</td>
</tr>
<tr>
<td></td>
<td>Updated Part 1 with new sections and updated spec references</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Updated Part 2 listing with multiple material code changes, additions, and deletions.</td>
<td></td>
</tr>
</tbody>
</table>
TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Material Group</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>001 Aggregates</td>
<td>12</td>
</tr>
<tr>
<td>100 Bituminous Materials</td>
<td>12</td>
</tr>
<tr>
<td>175 Hot-Mix Asphalt (HMA) Mixtures</td>
<td>12</td>
</tr>
<tr>
<td>200 Castings (Frames, Grates &amp; Lids)</td>
<td>12</td>
</tr>
<tr>
<td>215 Portland Cement Concrete</td>
<td>13</td>
</tr>
<tr>
<td>250 Concrete Masonry Units and Miscellaneous Precast</td>
<td>13</td>
</tr>
<tr>
<td>275 Prestressed &amp; Post-Tensioned PCC Bridge Beams</td>
<td>14</td>
</tr>
<tr>
<td>300 Electrical Cable &amp; Conduit</td>
<td>14</td>
</tr>
<tr>
<td>330 Light &amp; Signal Components</td>
<td>14</td>
</tr>
<tr>
<td>350 Lumber &amp; Timber Products</td>
<td>15</td>
</tr>
<tr>
<td>365 Piling</td>
<td>15</td>
</tr>
<tr>
<td>375 Portland Cement &amp; Other Cementitious Materials</td>
<td>16</td>
</tr>
<tr>
<td>380 Waterproofing</td>
<td>16</td>
</tr>
<tr>
<td>400 Paints &amp; Paint Materials</td>
<td>17</td>
</tr>
<tr>
<td>420 Chemicals</td>
<td>17</td>
</tr>
<tr>
<td>450 Corrugated Steel Pipe</td>
<td>18</td>
</tr>
<tr>
<td>475 Concrete Pipe &amp; Drain Tile</td>
<td>20</td>
</tr>
<tr>
<td>490 Plastic Products and Geotextiles</td>
<td>20</td>
</tr>
<tr>
<td>500 Clay Pipe &amp; Drain Tile</td>
<td>21</td>
</tr>
<tr>
<td>510 Cast Iron Pipe</td>
<td>21</td>
</tr>
<tr>
<td>520 Corrugated Aluminum Pipe</td>
<td>21</td>
</tr>
<tr>
<td>540 Bridge Rail</td>
<td>23</td>
</tr>
<tr>
<td>550 Guardrail</td>
<td>24</td>
</tr>
<tr>
<td>560 Landscape</td>
<td>25</td>
</tr>
<tr>
<td>575 Fencing</td>
<td>26</td>
</tr>
</tbody>
</table>
TABLE OF CONTENTS

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

<table>
<thead>
<tr>
<th>Material Group</th>
<th></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

| Individual Material Code Information | 41 |

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:

<table>
<thead>
<tr>
<th>Standard Specifications</th>
<th>IDOT Special Provisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBM Policy Memorandums</td>
<td>CBM “M” Specs</td>
</tr>
<tr>
<td>Highway Standards</td>
<td></td>
</tr>
</tbody>
</table>

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>Special Provisions</td>
</tr>
<tr>
<td>Plans 1/, 2/, 3/</td>
</tr>
<tr>
<td>Recurring Special Provisions, Supplemental Specifications, and Standard Specifications</td>
</tr>
<tr>
<td>Recurring Special Provisions</td>
</tr>
<tr>
<td>Supplemental Specifications and Standard Specifications</td>
</tr>
<tr>
<td>Supplemental Specifications</td>
</tr>
<tr>
<td>Standard 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:
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
   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/Quality 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
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 clay pipe should 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
➢ AASHTO M111
➢ ASTM E23(CVN), A47/A47M, B211, A500/500M, A572/A572M

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
  ➢ ASTM A500/500M, A501/501M, F1345, F1043

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.

**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.
Appendices
APPENDIX A1
Illinois Department of Transportation
PHOTOGRAPHS OF CORRUGATED METAL PIPE
FIGURE 8
UNSATISFACTORY FABRICATION

1. Rivet Head Cut On One Side.
2. Rivet Head Badly Cut And Close To Edge Of Sheet.
3. Rivets Close To Edge 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 Scalled Zinc.
8. Dents And Bruises Caused By Hammering.
TYPES OF END FINISH

Figure 9 - Single Roll Satisfactory

Figure 10 - One and One-Half Roll Satisfactory

Figure 11 - Double Roll Satisfactory

Figure 12 - Single Roll Over Round Iron Rod Satisfactory

Figure 13 - Galvanized Bar Satisfactory

Figure 14 - Unsatisfactory
Appendices

APPENDIX B1
Illinois Department of Transportation

PHOTOGRAPHS OF PRECAST PRODUCTS

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:
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 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.
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 001 AGGREGATES

---> MATERIAL: 001AA AGGREGATES  TONS (M TON )
DESC1: 96  DESC2:  DESC3:  SMALLQTY: 500
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: LIST AND TICK
MATERIAL OWNER: AG
SAMPLE SIZE---: REFER TO "MANUAL OF TEST PROCEDURES" UPDATED: 05/14/2020
CONTAINER1: 03  CONTAINER2: 04
MEASUREMENT---: GRADATION, QUALITY
REMARGIN--- : SPECIFICATIONS: SEC 1003, 1004, CONTRACT SPEC PROV, "MANUAL OF TEST PROCEDURES".

---> MATERIAL: 001BA RIP RAP  TONS (M TON )
DESC1: 96  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---: VIS TEST
EVIDENCE OF INSPECTION---: LIST AND TICK
MATERIAL OWNER: AG
SAMPLE SIZE---: UPDATED: 05/14/2020
CONTAINER1: 03  CONTAINER2: 04
MEASUREMENT---: GRADATION, QUALITY
REMARGIN--- : VIS GRADATION UNLESS DISPUTED, THEN FULL WEIGHED GRADATION THIS IS FOR MATERIAL USED AS RIP RAP
SPECIFICATIONS: SEC 1005

---> MATERIAL: 001BB RIP RAP, BEDDING  TONS (M TON )
DESC1: 96  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: LIST AND TICK
MATERIAL OWNER: AG
SAMPLE SIZE---: UPDATED: 05/14/2020
CONTAINER1: 03  CONTAINER2: 04
MEASUREMENT---: GRADATION, QUALITY
REMARGIN--- : MINIMUM ONE GRADATION PER YEAR THIS IS FOR ALL BEDDING STONE
SPECIFICATIONS: SEC 1005

---> MATERIAL: 001CC AGGREGATE, RAP  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: TICK
MATERIAL OWNER: AG
SAMPLE SIZE---: REFER TO "MANUAL OF TEST PROCEDURES" UPDATED: 02/27/2017
CONTAINER1: 03  CONTAINER2: 11
MEASUREMENT---: GRADATION, QUALITY
REMARGIN--- : FOR RAP USED AS AGGREGATE
SPECIFICATIONS: SEC 1031, BDE SPEC PROV FOR RAP, CBM POLICY MEMO 31-13.0 "MANUAL OF TEST PROCEDURES".

---> MATERIAL: 001DD AGGREGATE, FRAP  TONS (M TON )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: TICK
MATERIAL OWNER: AG
SAMPLE SIZE---: REFER TO "MANUAL OF TEST PROCEDURES" UPDATED: 02/27/2017
CONTAINER1: 03  CONTAINER2: 11
MEASUREMENT---: GRADATION, QUALITY
IGNITION OVEN
REMARGIN--- :
SPECIFICATIONS: SEC 1031, BDE SPEC PROV FOR RAP, CBM POLICY MEMO 31-13.0 "MANUAL OF TEST PROCEDURES".
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>TONS (M TON)</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>001EE</td>
<td>AGGREGATE, SUBGRADE</td>
<td>96</td>
<td></td>
<td></td>
<td>.</td>
</tr>
<tr>
<td>MATERIAL</td>
<td>TONS (M TON)</td>
<td>DESC1</td>
<td>DESC2</td>
<td>DESC3</td>
<td>SMALLQTY</td>
</tr>
<tr>
<td>002FA00</td>
<td>LIMESTONE, AGRICULTURAL</td>
<td>DESC2</td>
<td>DESC3</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>003FA00</td>
<td>LIME, HYDRATED</td>
<td>DESC2</td>
<td>DESC3</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>003FA04</td>
<td>LIME, PELLETIZED</td>
<td>DESC2</td>
<td>DESC3</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>003FA05</td>
<td>LIME, QUICK</td>
<td>DESC2</td>
<td>DESC3</td>
<td></td>
<td>1</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 UPDATED: 05/03/2019
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 UPDATED: 05/03/2019
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 UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2:
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 UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2:
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 UPDATED: 02/07/2020
CONTAINER1: 03 CONTAINER2:
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
### MATERIAL GROUP: 100 BITUMINOUS MATERIALS

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Tons (M Tons)</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Container Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10127</td>
<td>Asphalt Binder, Performance Graded, Pg 64-22</td>
<td></td>
<td>Qual Test</td>
<td>List Test and Bol</td>
<td>Container1: 05</td>
</tr>
<tr>
<td>10128</td>
<td>Asphalt Binder, Performance Graded, Pg 64-28 Modified</td>
<td></td>
<td>Qual Test</td>
<td>List Test and Bol</td>
<td>Container1: 05</td>
</tr>
<tr>
<td>10129</td>
<td>Asphalt Binder, Performance Graded, Pg 70-22 Modified</td>
<td></td>
<td>Qual Test</td>
<td>List Test and Bol</td>
<td>Container1: 05</td>
</tr>
<tr>
<td>10130</td>
<td>Asphalt Binder, Performance Graded, Pg 70-28 Modified</td>
<td></td>
<td>Qual Test</td>
<td>List Test and Bol</td>
<td>Container1: 05</td>
</tr>
<tr>
<td>10131</td>
<td>Asphalt Binder, Performance Graded, Pg 76-22 Modified</td>
<td></td>
<td>Qual Test</td>
<td>List Test and Bol</td>
<td>Container1: 05</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 100 BITUMINOUS MATERIALS

--- MATERIAL: 10132 ASPHALT BINDER, PERFORMANCE GRADED, PG 76-28 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
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)
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK
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)
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK
CONTAINER1: 05 CONTAINER2:
MEASUREMENT---: SPG,FLASH POINT,ROTATIONAL VIS,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)
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: LIST TEST AND BOL
MATERIAL OWNER: BC
SAMPLE SIZE---: 1 QUART (FRICTION TOP)
CONTAINER1: 05 CONTAINER2:
MEASUREMENT---: FLASH POINT, ROTATIONAL VISCOITY, 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 (FRICITION 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

Page 47 of 344 Manual of Materials Inspection 5/31/2021
### MATERIAL: 10141  ASPHALT BINDER, PG 64-28, GROUND TIRE RUBBER 12% TONS

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
<td>EVIDENCE OF INSPECTION: TEST AND BOL</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 QUART (FRICITION TOP)</td>
<td>UPDATED: 05/23/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 05</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL TEST</td>
<td>EVIDENCE OF INSPECTION: LIST TEST AND BOL</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 QUART PER BATCH</td>
<td>UPDATED: 05/08/2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 05</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

**CERT IS FOR THE 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

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL TEST</td>
<td>EVIDENCE OF INSPECTION: LIST TEST AND BOL</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 01</td>
<td>CONTAINER2: 05</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL TEST</td>
<td>EVIDENCE OF INSPECTION: LIST TEST AND BOL</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 01</td>
<td>CONTAINER2: 05</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL TEST</td>
<td>EVIDENCE OF INSPECTION: LIST TEST AND BOL</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 QUART PER TRUCK OR TANK</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: 01</td>
<td>CONTAINER2: 05</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MEASUREMENT---:** SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY OF RESIDUE, SOLUBILITY, VISCOSITY

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

**SPECIFICATIONS:** ART 1032.10
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 100 BITUMINOUS MATERIALS

--- MATERIAL: 10401  ASPHALT, LIQUID RAPID CURING GRADE RC-70  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, 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  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, 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  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, 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  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, 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  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, PEN., DUCTILITY, SOLUBILITY,
VISCOSITY, DISTILLATION
REMARK-------- : IF TESTED, TESTID REQUIRED ON BOL
SPECIFICATIONS: ART 1032.08
<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Container Size</th>
<th>Container(s)</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>10505</td>
<td>Asphalt, Liquid Medium Curing Grade MC300</td>
<td>1 Quart Per Truck or Tank</td>
<td>01, 05</td>
<td>SPG, Flash Point, Pen., Ductility, Solubility, Viscosity, Distillation</td>
<td>IF Tested, TestID Required On BOL</td>
<td>Check Sheet LRS18, CBM Policy Memo</td>
</tr>
<tr>
<td>10521</td>
<td>Asphalt, Multi Grade CM300</td>
<td>1 Quart Per Truck or Tank</td>
<td>05</td>
<td>SPG, Flash Point, Pen., Float, Solubility, Viscosity, Distillation</td>
<td>IF Tested, TestID Required On BOL</td>
<td>Check Sheet LRS18, CBM Policy Memo</td>
</tr>
<tr>
<td>10522</td>
<td>Asphalt, Multi Grade CM90</td>
<td>1 Quart Per Truck or Tank</td>
<td>05</td>
<td>SPG, Flash Point, Pen., Solubility, Float, Viscosity, Distillation</td>
<td>IF Tested, TestID Required On BOL</td>
<td>Check Sheet LRS18, CBM Policy Memo</td>
</tr>
<tr>
<td>10523</td>
<td>Asphalt, Multi Grade CM150</td>
<td>1 Quart Per Truck or Tank</td>
<td>05</td>
<td>SPG, Flash Point, Pen., Solubility, Float, Viscosity, Distillation</td>
<td>IF Tested, TestID Required On BOL</td>
<td>Check Sheet LRS18, CBM Policy Memo</td>
</tr>
<tr>
<td>10601</td>
<td>Asphalt, Liquid Slow Curing Grade SC70</td>
<td>1 Quart Per Truck or Tank</td>
<td>01, 05</td>
<td>SPG, Flash Point, Residue of 100 Pen., Ductility Of Residue, Sol., Viscosity, Loss On Heating</td>
<td>IF Tested, TestID Required On BOL</td>
<td>Art 1032.09</td>
</tr>
<tr>
<td>MATERIAL:</td>
<td>10602</td>
<td>ASPHALT, LIQUID SLOW CURING GRADE SC-250</td>
<td>GAL (LITER )</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>SMALLQTY:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: QUAL TEST</td>
<td>EVIDENCE OF INSPECTION:- LIST TEST AND BOL</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>1 QUART PER TRUCK OR TANK</td>
<td>UPDATED: 11/15/2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td>CONTAINER2:</td>
<td>05</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>SPG, FLASH POINT, RESIDUE OF 100 PEN., DUCTILITY OF RESIDUE, SOL., VISCOSITY, LOSS ON HEATING</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------- :</td>
<td>IF TESTED, TESTID REQUIRED ON BOL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1032.09</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| MATERIAL: | 10603      | ASPHALT, LIQUID SLOW CURING GRADE SC-800 | GAL (LITER ) |
| 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: | CONTAINER2: | 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 | GAL (LITER ) |
| 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: | CONTAINER2: | 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 | GAL (LITER ) |
| 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 | UPDATED: 11/15/2017 |
| CONTAINER1: | CONTAINER2: | CONTAINER2: | 04 |
| 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 | GAL (LITER ) |
| 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 | UPDATED: 11/15/2017 |
| CONTAINER1: | CONTAINER2: | CONTAINER2: | 04 |
| 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., VISCOSITY, 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---:  VISCOSITY, STORAGE STABILITY, DENSITY, SIEVE, DISTILLATION, PEN., SOLUBILITY, ELASTIC RECOVERY  
REMARK--------:  IF TESTED, TESTID REQUIRED ON BOL  
ORIGINALLY CREATED FOR NOVABOND  
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---:  VISCOSITY, STORAGE STABILITY, SIEVE TEST, RESIDUE DEMULSIBILITY, PEN., ELASTIC RECOVERY, DENSITY  
REMARK--------:  IF TESTED, TESTID REQUIRED ON BOL  ORIGINALY CREATED FOR ULTRA-TIN BONDED WEARING COARSE  
SPECIFICATIONS:  SPEC PROV FOR ULTA-TIN 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, VISCOSITY, 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---:  VISCOSITY, 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  

Page 52 of 344  Manual of Materials Inspection  5/31/2021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 100 BITUMINOUS MATERIALS

--> 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  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

--- MATERIAL: 10908  ASPHALT, CATIONIC EMULSIFIED, SLOW SETTING OR CSS-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---:  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)  GAL (LITER )
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:  
REMARK-------:  IF TESTED, TESTID REQUIRED ON BOL  
SPECIFICATIONS:  ART 1032.06D

--- MATERIAL: 10916  ASPHALT, HIGH FLOAT ANIONIC EMULSIFIED, RAPID SET (HFRS-2)  GAL (LITER )
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)  GAL (LITER )
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  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---: 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  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---: 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  GAL ( )
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
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>TONS (M TON)</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>
<th>UPDATED</th>
<th>MATERIAL GROUP</th>
</tr>
</thead>
<tbody>
<tr>
<td>17506</td>
<td>MIXTURE FOR CRACKS, JOINTS &amp; FLANGEWAYS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>TEST</td>
<td>DPR AND TICK</td>
<td>BM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>175 BITUMINOUS MIXTURES</td>
<td></td>
</tr>
<tr>
<td>17904</td>
<td>COLD IN-PLACE RECYCLING (CIR)</td>
<td>SQYD (SQ M)</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>TEST</td>
<td>DPR</td>
<td>BS</td>
<td>RS</td>
<td>150 LBS</td>
<td>03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17905</td>
<td>COLD CENTRAL PLANT RECYCLING (CCPR)</td>
<td>SQYD ( )</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>TEST</td>
<td>DPR</td>
<td>BS</td>
<td>RS</td>
<td>150 LBS</td>
<td>03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18002</td>
<td>BITUMINOUS MAINTENANCE MIXTURE, M17</td>
<td>TONS (M TON)</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>BOL</td>
<td>BM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>175 BITUMINOUS MIXTURES</td>
</tr>
<tr>
<td>18021</td>
<td>BITUMINOUS MAINTENANCE MIXTURE M-120</td>
<td>TONS (M TON)</td>
<td></td>
<td></td>
<td></td>
<td>.</td>
<td>CERT</td>
<td>BOL</td>
<td>BM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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 ASPH FRICITION 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 (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"
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

SPECIFICATIONS:
REMARK---
MEASUREMENT
CONTAINER1:
SAMPLE
---

--- 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

SPECIFICATIONS:
REMARK---
MEASUREMENT
CONTAINER1:
SAMPLE
---

--- 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

SPECIFICATIONS:
REMARK---
MEASUREMENT
CONTAINER1:
SAMPLE
---

--- 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

SPECIFICATIONS:
REMARK---
MEASUREMENT
CONTAINER1:
SAMPLE
---

--- 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

SPECIFICATIONS:
REMARK---
MEASUREMENT
CONTAINER1:
SAMPLE
---

"MANUAL OF TEST PROCEDURES FOR MATERIALS"
--- 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: 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: 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: 19513FR  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"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 175 BITUMINOUS MIXTURES

--- MATERIAL: 19513R  HOT MIX ASPHALT, SURFACE COURSE, N50, C, RECYCLED   TONS (M TON )
DESC1: DESC2: DESC3: 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--------: 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 )
DESC1: DESC2: DESC3: 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--------: SPECIFICATIONS: SEC 1030, "MANUAL OF TEST PROCEDURES FOR MATERIALS"

--- MATERIAL: 19514F  HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED   TONS (M TON )
DESC1: DESC2: DESC3: 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--------: 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 )
DESC1: DESC2: DESC3: 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--------: 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 )
DESC1: DESC2: DESC3: 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--------: SPECIFICATIONS: SEC 1030, BDE SPEC FOR RAP & RAS
"MANUAL OF TEST PROCEDURES FOR MATERIALS"
=> 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)
DESC1: DESCRIPTION 1
DESC2: DESCRIPTION 2
DESC3: DESCRIPTION 3
SMALLQTY: SMALL QUANTITY
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)
DESC1: DESCRIPTION 1
DESC2: DESCRIPTION 2
DESC3: DESCRIPTION 3
SMALLQTY: SMALL QUANTITY
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)
DESC1: DESCRIPTION 1
DESC2: DESCRIPTION 2
DESC3: DESCRIPTION 3
SMALLQTY: SMALL QUANTITY
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)
DESC1: DESCRIPTION 1
DESC2: DESCRIPTION 2
DESC3: DESCRIPTION 3
SMALLQTY: SMALL QUANTITY
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)
DESC1: DESCRIPTION 1
DESC2: DESCRIPTION 2
DESC3: DESCRIPTION 3
SMALLQTY: SMALL QUANTITY
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 )
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 ( )
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 ( )
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 MATL'S

--> MATERIAL: 19524R  HOT MIX ASPHALT, SURFACE COURSE, N70, 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: 19525  HOT MIX ASPHALT, SURFACE COURSE, N70, 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"
**SPECIFICATIONS:**

**REMARK**:

**MEASUREMENT**: AIR voids, asphalt binder content, gradation, field VMA density, Hamburg Wheel, I-FIT, TSR

**SPECIFICATIONS**: SEC 1030, BDE SPEC FOR RAP & RAS

"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---

**SPECIFICATIONS:**

**REMARK**:

**MEASUREMENT**: AIR voids, asphalt binder content, gradation, field VMA density, Hamburg Wheel, I-FIT, TSR

**SPECIFICATIONS**: SEC 1030, BDE SPEC FOR RAP & RAS

"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---

**SPECIFICATIONS:**

**REMARK**:

**MEASUREMENT**: AIR voids, asphalt binder content, gradation, field VMA density, Hamburg Wheel, I-FIT, TSR

**SPECIFICATIONS**: SEC 1030, BDE SPEC FOR RAP & RAS

"MANUAL OF TEST PROCEDURES FOR MATERIALS"

---

**SPECIFICATIONS:**

**REMARK**:

**MEASUREMENT**: AIR voids, asphalt binder content, gradation, field VMA density, Hamburg Wheel, I-FIT, TSR

**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: 19533    HOT MIX ASPHALT, SURFACE COURSE, N90, 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: 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"
--- 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
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: 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
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: 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
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: 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
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: 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 MATERIALS

--> 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
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: 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
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: 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
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 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
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: 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"
--- 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"
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>TONS</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL OWNER</th>
<th>UPDATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>19655</td>
<td>STONE MATRIX ASPHALT, SURFACE, N80, 12.5, F</td>
<td>( )</td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>BM</td>
<td>02/07/2020</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19655R</td>
<td>STONE MATRIX ASPHALT, SURFACE, N80, 12.5, F, RECYCLED</td>
<td>( )</td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>BM</td>
<td>02/07/2020</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19664</td>
<td>STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E</td>
<td>( M TON )</td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>BM</td>
<td>04/01/2021</td>
</tr>
<tr>
<td>19664R</td>
<td>STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E, RECYCLED</td>
<td>( M TON )</td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>BM</td>
<td>04/01/2021</td>
</tr>
<tr>
<td>19665</td>
<td>STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F</td>
<td>( M TON )</td>
<td>TEST</td>
<td>DPR AND TICK AND TEST</td>
<td>BM</td>
<td>04/01/2021</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

- **MATERIAL GROUP:** 175 BITUMINOUS MIXTURES
- **METHOD OF ACCEPTANCE:** TEST
- **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: 19665R STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F, RECYCLED TONS (M TON ) MINUS
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, AIRVOIDS, 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: 19901 BITUMINOUS MIXTURE, SLURRY SEAL SQYD (SQ M )
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 SQYD (SQ M )
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
### MATERIAL GROUP: 200 CASTINGS

<table>
<thead>
<tr>
<th>MATERIAL: 20101</th>
<th>FRAME, TYPE 1</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>SAMPLE SIZE: FIELD INSPECTION</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>UPDATED: 02/27/2008</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>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>SAMPLE SIZE: FIELD INSPECTION</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>UPDATED: 02/27/2008</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>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>SAMPLE SIZE: FIELD INSPECTION</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>UPDATED: 07/21/2020</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>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>SAMPLE SIZE: FIELD INSPECTION</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>
<tr>
<td>UPDATED: 07/21/2020</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>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>SAMPLE SIZE: FIELD INSPECTION</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>
<tr>
<td>UPDATED: 07/21/2020</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

Page 76 of 344 Manual of Materials Inspection 5/31/2021
<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>FRAME, TYPE 20</th>
<th>MATERIAL GROUP: 200 CASTINGS</th>
</tr>
</thead>
<tbody>
<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: 08/03/2010</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td>MATERIAL OWNER: MT</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>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>FRAME, TYPE 21</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<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: CONTAINER2:</td>
<td>MATERIAL OWNER: MT</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: SPECIAL PROV. OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>FRAME, TYPE 23</th>
<th>EA ( )</th>
</tr>
</thead>
<tbody>
<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: CONTAINER2:</td>
<td>MATERIAL OWNER: MT</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>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>FRAME, TYPE 24</th>
<th>EA ( )</th>
</tr>
</thead>
<tbody>
<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: 08/03/2010</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td>MATERIAL OWNER: MT</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>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>FRAME, SPECIAL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<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: 05/15/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td>MATERIAL OWNER: MT</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: SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 200 CASTINGS

--- MATERIAL: 20199  FRAME, CAST IRON  EA (EA )
   DESC1: 9  DESC2: 6  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: PROD CERT, VIS INSPI AT DESTINATION
   DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 1006.14, 1006.15

--- MATERIAL: 20201  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: 20202  GRATE, TYPE 4  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: DOMESTIC STEEL ACT APPLIES
   SPECIFICATIONS: ART 604.03
   ART 1006.14, 1006.15, HWY STD

--- MATERIAL: 20203  GRATE, TYPE 6  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. 2215
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:  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:  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:  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:  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: 20209 GRATE, TYPE 12
- **METHOD OF ACCEPTANCE**: CERT
- **EVIDENCE OF INSPECTION**: CERT LA15
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 07/21/2020
- **MATERIAL OWNER**: MT
- **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.
- **SPECIFICATIONS**: ART. 710.17(GRAY), ART. 710.18(DUCTILE), AASHTO M 105(GRAY), ASTM A 536(DUCTILE), HWY. STD. 2221

### MATERIAL: 20218 GRATE, TYPE A
- **METHOD OF ACCEPTANCE**: CERT
- **EVIDENCE OF INSPECTION**: CERT LA15
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 03/05/2019
- **MATERIAL OWNER**: MT
- **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

### MATERIAL: 20219 GRATE, TYPE B
- **METHOD OF ACCEPTANCE**: CERT
- **EVIDENCE OF INSPECTION**: CERT LA15
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 03/05/2019
- **MATERIAL OWNER**: MT
- **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

### MATERIAL: 20224 GRATE, TYPE 20
- **METHOD OF ACCEPTANCE**: CERT
- **EVIDENCE OF INSPECTION**: CERT LA15
- **SAMPLE SIZE**: FIELD INSPECTION
- **UPDATED**: 02/27/2008
- **MATERIAL OWNER**: MT
- **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: 20225  GRATE, TYPE 21

<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 OWNER</th>
<th>SAMPLE SIZE</th>
<th>UPDATED</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>07/21/2020</td>
<td></td>
<td></td>
<td>DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td>RANDOM TEST BAR FROM PRODUCER PLANT OR PROD. CERT. VISUAL INSPECTION AT DESTINATION.</td>
<td>SPECIAL PROV. OR CONTRACT PLANS</td>
</tr>
</tbody>
</table>

### MATERIAL: 20227  GRATE, TYPE 3V

<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 OWNER</th>
<th>SAMPLE SIZE</th>
<th>UPDATED</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>08/03/2010</td>
<td></td>
<td></td>
<td>DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>ART 604.03, 1006.14, 1006.15, HWY STD</td>
</tr>
</tbody>
</table>

### MATERIAL: 20229  GRATE, TYPE 23

<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 OWNER</th>
<th>SAMPLE SIZE</th>
<th>UPDATED</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>08/03/2010</td>
<td></td>
<td></td>
<td>DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>ART 604.03, 1006.14, 1006.15, HWY STD</td>
</tr>
</tbody>
</table>

### MATERIAL: 20230  GRATE, TYPE 24

<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 OWNER</th>
<th>SAMPLE SIZE</th>
<th>UPDATED</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>02/27/2008</td>
<td></td>
<td></td>
<td>DIM., WT., APP.; TENS. STRTH. OF TEST BAR(GRAY), YIELD STRTH., TENS. STRTH., &amp; ELONGATION OF BAR(DUCTILE)</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>ART 604.03, 1006.14, 1006.15, HWY STD</td>
</tr>
</tbody>
</table>

### MATERIAL: 20289  GRATE, SPECIAL

<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 OWNER</th>
<th>SAMPLE SIZE</th>
<th>UPDATED</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>43</td>
<td>95</td>
<td>5</td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>03/05/2019</td>
<td></td>
<td></td>
<td>DIMENSIONS, WEIGHT, &amp; APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>SPEC PROV &amp; CONTRACT PLANS</td>
</tr>
</tbody>
</table>
### MATERIAL: 20299  grate

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>6</td>
<td>95</td>
<td>5</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL GROUP:** 200 CASTINGS

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 03/05/2019

**MEASUREMENT:** DIMENSIONS, WEIGHT & APPEARANCE OF CASTING; TENSILE STRENGTH OF TEST BAR

**REMARK:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.14, 1006.15

---

### MATERIAL: 20301  lid, type 1 open lid

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL GROUP:** 200 CASTINGS

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 03/05/2019

**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: 20302  lid, type 1 closed lid

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL GROUP:** 200 CASTINGS

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 03/05/2019

**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: 20303  lid, type 5 open lid

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL GROUP:** 200 CASTINGS

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 07/21/2020

**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: 20304  lid, type 5 closed lid

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL GROUP:** 200 CASTINGS

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 02/27/2008

**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
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 PROVID & 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

--> MATERIAL: 20404 FRAME & 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: 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: 20405 FRAME & 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: 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: 20406 FRAME & 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

--> MATERIAL: 20407 FRAME & GRATE, TYPE 12 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: 20414 FRAME & GRATE, TYPE 20 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: 20415</th>
<th>FRAME &amp; GRATE TYPE 21</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>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE--: FIELD INSPECTION</td>
<td></td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>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>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>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE--: FIELD INSPECTION</td>
<td></td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>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>ART 1006.14, 1006.15, HWY STD</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>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE--: FIELD INSPECTION</td>
<td></td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>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>ART 1006.14, 1006.15, HWY STD</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>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE--: FIELD INSPECTION</td>
<td></td>
<td>UPDATED: 03/05/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>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>ART 1006.14, 1006.15, HWY STD</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>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE--: FIELD INSPECTION</td>
<td></td>
<td>UPDATED: 02/27/2008</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>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>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
<tr>
<td>MATERIAL: 20420</td>
<td>FRAME &amp; GRATE TYPE 11V</td>
<td>EA (EA )</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------------</td>
<td>----------</td>
</tr>
<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></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:</td>
<td>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></td>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20489</th>
<th>FRAME &amp; GRATE SPECIAL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 9</td>
<td>DESC2: 43</td>
<td>DESC3: 95</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:</td>
<td>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: SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20499</th>
<th>FRAME &amp; 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>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:</td>
<td>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: 20501</th>
<th>CASTING, GRAY IRON (TEST SAMPLE)</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---: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: WHEN REQUIRED BY CBM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/27/2009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: 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></td>
<td>ART 1006.14</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 20601</th>
<th>FRAME &amp; 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>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:</td>
<td>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></td>
<td>ART 1006.14, 1006.15, HWY STD</td>
<td></td>
</tr>
</tbody>
</table>
-- MATERIAL: 20602  FRAME & LID, TYPE 1 CLOSED LID  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: 20603  FRAME & LID, TYPE 5 OPEN LID  EA (EA )
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., AP.; 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: 20604  FRAME & LID, TYPE 5 CLOSED LID  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: 20605  FRAME & LID, TYPE 15  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: 20689  FRAME & 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: 20701 GRATING, CAST IRON  
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  
DESCL: 9  DESC2: 6  DESC3:  
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: 20802 GRATE & COVER TYPE 2B  
DESCL: 9  DESC2: 6  DESC3:  
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 604.03  
ART 1006.14, 1006.15, HWY STD

MATERIAL: 20989 CURB BOX, SPECIAL  
DESCL: 9  DESC2: 43  DESC3:  
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  
DESCL: 9  DESC2:  
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

Page 88 of 344  Manual of Materials Inspection  5/31/2021
## MATERIAL GROUP: 200 CASTINGS

### MATERIAL: 21002  JUNCTION BOX, CAST IRON

<table>
<thead>
<tr>
<th>DESC1: 9</th>
<th>DESC2: 80</th>
<th>DESC3: SMALLQTY:</th>
</tr>
</thead>
</table>

**METHOD OF ACCEPTANCE:** CERT<br>**EVIDENCE OF INSPECTION:** CERT LA15<br>**MATERIAL OWNER:** MT<br>**SAMPLE SIZE:** FIELD INSPECTION<br>**UPDATED:** 05/15/2019<br>**MEASUREMENT:** DIM., WT., APPEARANCE OF CASTING<br>**REMARK:** DOMESTIC STEEL ACT APPLIES<br>**SPECIFICATIONS:** CONTRACT PLANS OR ART 1088.04

### MATERIAL: 21003  SCUPPERS, DRAINAGE, CAST IRON

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3: SMALLQTY:</th>
</tr>
</thead>
</table>

**METHOD OF ACCEPTANCE:** CERT<br>**EVIDENCE OF INSPECTION:** CERT LA15<br>**MATERIAL OWNER:** MT<br>**SAMPLE SIZE:** FIELD INSPECTION<br>**UPDATED:** 02/27/2008<br>**MEASUREMENT:** DIMENSIONS, APPEARANCE, & MECHANICAL PROPERTIES PER APPROPRIATE SPECIFICATION<br>**REMARK:** DOMESTIC STEEL ACT APPLIES<br>**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS

### MATERIAL: 21004  RING, ADJUSTING, CAST IRON

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3: SMALLQTY:</th>
</tr>
</thead>
</table>

**METHOD OF ACCEPTANCE:** CERT<br>**EVIDENCE OF INSPECTION:** CERT LA15<br>**MATERIAL OWNER:** MT<br>**SAMPLE SIZE:** FIELD INSPECTION<br>**UPDATED:** 02/27/2008<br>**MEASUREMENT:** DIMENSIONS, APPEARANCE, & MECHANICAL PROPERTIES PER APPROPRIATE SPECIFICATION<br>**REMARK:** DOMESTIC STEEL ACT APPLIES<br>**SPECIFICATIONS:** ART 1006.14

### MATERIAL: 21010  HANDHOLE, FRAME & LID, REGULAR DUTY

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

**METHOD OF ACCEPTANCE:** CERT<br>**EVIDENCE OF INSPECTION:** CERT LA15<br>**MATERIAL OWNER:** MT<br>**SAMPLE SIZE:** FIELD INSPECTION<br>**UPDATED:** 02/27/2008<br>**MEASUREMENT:** DIM., WT., APP. OF CASTING; TENS. STRTH. OF TEST BAR<br>**REMARK:** DOMESTIC STEEL ACT APPLIES<br>**SPECIFICATIONS:** CONTRACT PLANS OR ART 1088.06

### MATERIAL: 21011  HANDHOLE, FRAME & LID, HEAVY DUTY

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

**METHOD OF ACCEPTANCE:** CERT<br>**EVIDENCE OF INSPECTION:** CERT LA15<br>**MATERIAL OWNER:** MT<br>**SAMPLE SIZE:** FIELD INSPECTION<br>**UPDATED:** 02/27/2008<br>**MEASUREMENT:** DIM., WT., APP. OF CASTING; TENS. STRTH. OF TEST BAR<br>**REMARK:** DOMESTIC STEEL ACT APPLIES<br>**SPECIFICATIONS:** CONTRACT PLANS OR ART 1088.06
---> MATERIAL: 21012  HANDHOLE, FRAME & LID, 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---:  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 )  
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---:    UPDATED: 07/25/2012
  CONTAINER1:    CONTAINER2:
  MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMRESSIVE 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---:    UPDATED: 03/30/2012
  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---:    UPDATED: 03/30/2012
  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, COMRESSIVE STRENGTH, FLOW, SET TIME,
  HEIGHT CHANGE OF HARDENED GROUT (1,3,14 & 28 D)AYS
  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---:    UPDATED: 07/25/2012
  CONTAINER1:    CONTAINER2:
  MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMRESSIVE OR FLEXURAL STRENGTH
  SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
  REMARK--------:
  SPECIFICATIONS: SEC 1020, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
## MATERIAL GROUP: 215 CONCRETE MIXTURES

### MATERIAL: 21606  
**DESCRIPTION:** CONCRETE, PORTLAND CEMENT, LATEX  
**CUYD (CU M):**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** DPR AND TICK AND TEST  
**CONTAINER1:**  
**MEASUREMENT:** MIX DESIGN, SLUMP, AIR, COMPRESSIVE STRENGTH, FLEXURAL STRENGTH  
**REMARK:** GUIDE BRIDGE SPECIAL FOR BRIDGE DECK LATEX CONCRETE OVERLAY  
"MANUAL OF TEST PROCEDURES FOR MATERIALS"  
**UPDATED:** 03/30/2012  
**MATERIAL OWNER:** CN

### MATERIAL: 21607  
**DESCRIPTION:** GROUT, SUB SEALING  
**CUYD (CU M):**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** TEST  
**CONTAINER1:**  
**MEASUREMENT:** FLOW, STRENGTH, AND INITIAL SET TIME  
**REMARK:** RECURRING SPEC PROV CHECK SHEET #12

### MATERIAL: 21609  
**DESCRIPTION:** CONCRETE, PORTLAND CEMENT, MICROSILICA  
**CUYD (CU M):**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** DPR AND TICK AND TEST  
**CONTAINER1:**  
**MEASUREMENT:** MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH  
**SCC:** SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI  
**REMARK:** SEC 1020, GUIDE BRIDGE SPECIAL FOR BRIDGE DECK MICROSILICA OVERLAY, "MANUAL OF TEST PROCEDURES FOR MATERIALS"  
**UPDATED:** 07/25/2012  
**MATERIAL OWNER:** CN

### MATERIAL: 21611  
**DESCRIPTION:** CONCRETE, PORTLAND CEMENT, GROUND GRANULATED BLAST FURN SLAG  
**CUYD (CU M):**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** DPR AND TICK AND TEST  
**CONTAINER1:**  
**MEASUREMENT:** MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH  
**SCC:** SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI  
**REMARK:** SEC 1020, "MANUAL OF TEST PROCEDURES FOR MATERIALS"  
**UPDATED:** 07/25/2012  
**MATERIAL OWNER:** CN

### MATERIAL: 21613  
**DESCRIPTION:** CONCRETE, PORTLAND CEMENT, METAKAOLIN  
**CUYD (CU M):**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** DPR AND TICK AND TEST  
**CONTAINER1:**  
**MEASUREMENT:** MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH  
**SCC:** SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI  
**REMARK:** SEC 1020, GUIDE BRIDGE SPECIAL FOR BRIDGE DECK HRM CONCRETE OVERLAY, "MANUAL OF TEST PROCEDURES FOR MATERIALS"  
**UPDATED:** 07/25/2012  
**MATERIAL OWNER:** CN
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 215 CONCRETE MIXTURES

--- MATERIAL: 21614 CONCRETE, PORTLAND CEMENT, FLYASH, METAKAOLIN 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, COMPRESSION 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, COMPRESSION 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, COMPRESSION 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, COMPRESSION 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, 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, COMPRESSION OR FLEXURAL STRENGTH
SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
REMARK------:
SPECIFICATIONS: SEC 1020, GUIDE BRIDGE SPEC FOR BRIDGE DECK MICROSIlica CONC OVERLAY, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MATERIAL: 21623  CONCRETE, POLYM ER CU YD (C U M)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1.5 CU. FT. OF MATERIAL
UPDATED: 11/07/2017
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
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, POLYM ER MODIFIED SQFT (SQ M)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---: 1 50LB BAG
UPDATED: 11/07/2017
MEASUREMENT---: COMPRESSIVE STRENGTH, BOND STRENGTH, VERTICAL AND OVERHEAD ADHESION
REMARK--------- :
SPECIFICATIONS: GUIDE BRIDGE SPEC PROV FOR POLYM ER MODIFIED PORTLAND CEMENT MORTAR

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

MATERIAL: 21627  CONCRETE, PORTLAND CEMENT, GGBF SLAG, MICRO SILICA CU YD (C U M)
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST
MATERIAL OWNER: CN
SAMPLE SIZE---: UPDATED: 07/25/2012
MEASUREMENT---: MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH
SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
REMARK--------- :
SPECIFICATIONS: SEC 1020 CLASS PP-3, GUIDE BRIDGE SPECIAL FOR MICRO SILICA CONC. OVERLAY, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 215 CONCRETE MIXTURES

-- MATERIAL: 21628  CONCRETE, PORTLAND CEMENT, FLYASH, GGBF SLAG, MICROSILICA  CU YD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND TEST MATERIAL OWNER: CN
SAMPLE SIZE---: UPDATED: 02/06/2019
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, METAKAOLIN  CU YD (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: 21630  GROUT, SOIL NAIL WALL  CU YD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND 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  SHOTCRETE, TEMPORARY SOIL NAIL WALL FACING  SQ FT (SQ M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: DPR AND TICK AND 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  CU YD (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, "MANUAL OF TEST PROCEDURES FOR MATERIALS"
BDE SPEC PROV - CONCRETE MIX DESIGNS
<table>
<thead>
<tr>
<th>MATERIAL: 21633</th>
<th>GROUT, INSERTION LINING, PIPE CULVERTS</th>
<th>CUYD (CU M)</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>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION: DPR AND TICK</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 11/07/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>MIX DESIGN, AIR</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 543.02</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 21634</th>
<th>CONCRETE, PORTLAND CEMENT, Pervious</th>
<th>CUYD (CU M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION: DPR AND TICK AND TEST</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 11/07/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>MIX DESIGN, DENSITY, VOID CONTENT, COMPRESSIVE STRENGTH, INFILTRATION RATE, AND FREEZE-THAW</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: 21635</th>
<th>CONCRETE, PORTLAND CEMENT, FLY ASH, Pervious</th>
<th>CUYD (CU M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION: DPR AND TICK AND TEST</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 04/13/2011</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>MIX DESIGN, DENSITY, VOID CONTENT, COMPRESSIVE STRENGTH, INFILTRATION RATE, AND FREEZE-THAW</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: 21636</th>
<th>CONCRETE, PORTLAND CEMENT, GGBF SLAG, Pervious</th>
<th>CUYD (CU M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>DESC2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESC3:</td>
<td></td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION: DPR AND TICK AND TEST</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 11/07/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>MIX DESIGN, DENSITY, VOID CONTENT, COMPRESSIVE STRENGTH, INFILTRATION RATE, AND FREEZE-THAW</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: 21637</th>
<th>CONCRETE, PORTLAND CEMENT, TYPE K</th>
<th>CUYD (CU M)</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>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION: DPR AND TICK AND TEST</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 12/30/2015</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH, RESTAIN EXP;SCC:SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI</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>

"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
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,
RETRAIN EXP;SCC:SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI
REMARK--------: SPECIFICATIONS: CONTRACT SPEC PROT

"MANUAL OF TEST PROCEDURES FOR MATERIALS"

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

METHOD OF ACCEPTANCE--->: QUAL
EVIDENCE OF INSPECTION--->: LIST
MATERIAL OWNER: CN
SAMPLE SIZE--->: UPDATED: 11/07/2017
CONTAINER1: CONTAINER2: 10
MEASUREMENT---: RESIN: IR
AGG: GRADATION
REMARK--------: SPECIFICATIONS: SPEC PROV FOR HIGH-FRICTION SURFACE TREATMENT

--- MATERIAL: 21640
CONCRETE, PORTLAND CEMENT, ROLLER COMPACTED
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: 02/27/2017
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
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: 02/27/2017
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
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: 02/27/2017
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>ID</th>
<th>Material Description</th>
<th>Quantity</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>21643</td>
<td>CONCRETE, PORTLAND CEMENT, GGBF, FLY ASH</td>
<td>10 CU M</td>
<td>TEST</td>
<td>DPR AND TICK</td>
<td>09/18/2015</td>
<td></td>
<td></td>
<td>MIX DESIGN, SLUMP, AIR, COMPRESSIVE OR FLEXURAL STRENGTH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21701</td>
<td>DUST, PC CONCRETE CORES</td>
<td>EA</td>
<td>TEST</td>
<td>DPR AND TICK</td>
<td>11/07/2017</td>
<td></td>
<td></td>
<td>CHLORIDE CONTENT</td>
<td>TEST FOR INFORMATIONAL PURPOSES ONLY</td>
<td>AASHTO T260</td>
</tr>
<tr>
<td>21801</td>
<td>CAM 2, ECONOCRETE</td>
<td>600 CU M</td>
<td>TEST</td>
<td>DPR AND TICK</td>
<td>10/10/2017</td>
<td></td>
<td></td>
<td>CAST DENSITY, COMPRESSIVE STRENGTH FREEZE/THAW, PERMEABILITY, ABSORPTION AS PER SPEC</td>
<td>TEST REPORTS/MIX DESIGN SHALL BE SUBMITTED PER SPEC</td>
<td>ART 312.07</td>
</tr>
<tr>
<td>21802</td>
<td>CONCRETE, CELLULAR</td>
<td>600 CU M</td>
<td>TEST</td>
<td>DPR AND TICK</td>
<td>04/16/2019</td>
<td></td>
<td></td>
<td>MIX DESIGN, RELATIVE DURABILITY, AIR, SLUMP</td>
<td></td>
<td>ART 1029, GBSP 87</td>
</tr>
<tr>
<td>21803</td>
<td>CAM 2, FLYASH</td>
<td>600 CU M</td>
<td>TEST</td>
<td>DPR AND TICK</td>
<td>04/16/2019</td>
<td></td>
<td></td>
<td>MIX DESIGN, RELATIVE DURABILITY, AIR, SLUMP</td>
<td></td>
<td>ART 312.07</td>
</tr>
</tbody>
</table>
-- MATERIAL: 22100 PACKAGED PATCHING MORTAR MATERIALS, R1 CWT (KG )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST MATERIAL OWNER: CN
SAMPLE SIZE---:
CONTAINER1: 12 CONTAINER2:
MEASUREMENT---: COMpressive 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---:
CONTAINER1: 12 CONTAINER2:
MEASUREMENT---: COMpressive STRENGTH
REMARK--------: TEST FOR PRECAST & PRECAST PRESTRESS REPAIRS
SPECIFICATIONS: SEC 1018, CBM POLICY MEMO 19, PRESTRESS FABRICATION MANUAL

-- MATERIAL: 22102 PATCHING MIXTURE, CONCRETE, R1 CU YD (CU M )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST MATERIAL OWNER: CN
SAMPLE SIZE---:
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, 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---:
CONTAINER1: 12 CONTAINER2:
MEASUREMENT---: COMpressive STRENGTH
REMARK--------: TEST FOR PRECAST & PRECAST PRESTRESS REPAIRS
SPECIFICATIONS: SEC 1018, CBM POLICY MEMO 19, PRESTRESS FABRICATION MANUAL

-- MATERIAL: 22104 PATCHING MIXTURE, CONCRETE, R2 CU YD (CU M )
METHOD OF ACCEPTANCE---: QUAL TEST
EVIDENCE OF INSPECTION--: LIST TEST MATERIAL OWNER: CN
SAMPLE SIZE---:
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, GBSP 53
-- MATERIAL: 22105 PATCHING MIXTURE, CONCRETE, R3
DESC1: DESC2: DESC3: SMALLQTY:.
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
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: 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
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: 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
DESC1: DESC2: DESC3: SMALLQTY:.
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
DESC1: DESC2: DESC3: SMALLQTY:.
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"
<table>
<thead>
<tr>
<th>MATERIAL: 25101</th>
<th>BLOCKS, SOLID SEGMENTAL BARREL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 6 EACH</td>
<td>UPDATED: 05/15/2019</td>
<td></td>
</tr>
</tbody>
</table>

| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: DIMENSIONS, COMpressive 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 |

<table>
<thead>
<tr>
<th>MATERIAL: 25104</th>
<th>BLOCKS, SOLID MASONRY BUILDING, EA</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 11</td>
<td>DESC2: 12</td>
<td>Desc3: 13</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 6 EACH</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
</tr>
</tbody>
</table>

| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, ABSORPTION |
| REMARK--------: |
| SPECIFICATIONS: ART 1042.15 (C), ASTM C 139 |

<table>
<thead>
<tr>
<th>MATERIAL: 25105</th>
<th>BRICK, SOLID BUILDING</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 11</td>
<td>DESC2: 12</td>
<td>Desc3: 13</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 6 EACH</td>
<td>UPDATED: 04/16/2019</td>
<td></td>
</tr>
</tbody>
</table>

| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, ABSORPTION, LINEAR DRYING SHRINKAGE |
| REMARK--------: |
| SPECIFICATIONS: ART 1042.15 (B) |

<table>
<thead>
<tr>
<th>MATERIAL: 25106</th>
<th>BLOCKS, HOLLOW LOAD BEARING (C-90)</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 11</td>
<td>DESC2: 12</td>
<td>Desc3: 13</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 6 EACH</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
</tr>
</tbody>
</table>

| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, ABSORPTION, DENSITY, LINEAR DRYING SHRINKAGE |
| REMARK--------: |
| SPECIFICATIONS: ART 1042.15 (C), ASTM C 90 |

<table>
<thead>
<tr>
<th>MATERIAL: 25113</th>
<th>PAVER, CONCRETE</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 12</td>
<td>DESC2: 13</td>
<td>Desc3: 16</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 6 EACH</td>
<td>UPDATED: 10/10/2017</td>
<td></td>
</tr>
</tbody>
</table>

| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, ABSORPTION, FREEZE-THAW DURABILITY BY MANUFACT., ABRASION RESISTANCE |
| REMARK--------: |
| SPECIFICATIONS: ART 1042.15 (D) |

| CBM POLICY MEMO 19 |
-- MATERIAL: 25114  BLOCKS, REVETMENT MAT, PRECAST  EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: 6 EACH
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
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: 6 EACH
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, ABSORB, 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---:
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, ABSORB, 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---:
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, ABSORB, 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---:
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMP STRENGTH, ABSORB, 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
<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>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>Container1</th>
<th>Container2</th>
<th>Measurement</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>25204</td>
<td>Flat Top Slab, Concrete</td>
<td>EA</td>
<td>14</td>
<td></td>
<td>16</td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td>Dimensions, Comp Strength, Steel Size &amp; Placement Air, Slump, (SCC: Slump Flow, VSI, J-Ring or L-Box, HVSI)</td>
<td></td>
</tr>
<tr>
<td>25205</td>
<td>Bottoms, Precast</td>
<td>EA</td>
<td>14</td>
<td></td>
<td>16</td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td>Dimensions, Comp Strength, Steel Size &amp; Placement Air, Slump, (SCC: Slump Flow, VSI, J-Ring or L-Box, HVSI)</td>
<td></td>
</tr>
<tr>
<td>25206</td>
<td>Inlet, Complete</td>
<td>EA</td>
<td>6</td>
<td>27</td>
<td></td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25208</td>
<td>Inlet, Precast Concrete, Special</td>
<td>EA</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>.</td>
<td>QUAL</td>
<td>LIST</td>
<td></td>
<td></td>
<td>Dimensions, Comp Strength, Steel Size &amp; Placement Air, Slump, (SCC: Slump Flow, VSI, J-Ring or L-Box, HVSI)</td>
<td></td>
</tr>
</tbody>
</table>

Specifications: ART 1042.10, HWY STD 602401,402,406,411,416,421,426
CBM Policy Memo 19

Specifications: ART 1042.10, HWY STD 602401,402,406,411,416,421,426
CBM Policy Memo 19

Specifications: ART 1042.08&.10&.12 HWY STD 542501,506,511,516,521,526,531,536,541,546,602301,306

Specifications: ART 1042.08&.10&.12 HWY STD 542501,506,511,516,521,526,531,536,541,546,602301,306

Specifications: CONTRACT PLANS & SPEC PROV
CBM Policy Memo 19
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

--> MATERIAL: 25209 VAULT, VALVE EA (EA )
   METHOD OF ACCEPTANCE---: QUAL
   EVIDENCE OF INSPECTION--: LIST
   SAMPLE SIZE---: CONTAINER:
   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 )
   METHOD OF ACCEPTANCE---: QUAL
   EVIDENCE OF INSPECTION--: LIST
   SAMPLE SIZE---: CONTAINER:
   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 )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION--: CERT
   SAMPLE SIZE---: CONTAINER:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---: DIMENSIONS
   REMARK------- : SPECIFICATIONS: ART 1088.05, HWY STD 814001, 814006

--> MATERIAL: 25212 PLUG, END, CONCRETE EA (EA )
   METHOD OF ACCEPTANCE---: QUAL
   EVIDENCE OF INSPECTION--: LIST
   SAMPLE SIZE---: CONTAINER:
   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 )
   METHOD OF ACCEPTANCE---: QUAL
   EVIDENCE OF INSPECTION--: LIST
   SAMPLE SIZE---: CONTAINER:
   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
| MATERIAL: 25214 | RISERS, RECTANGULAR | 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, 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---: |
| UPDATED: 02/27/2017 |
| 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---: |
| UPDATED: 02/27/2017 |
| 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---: |
| UPDATED: 02/27/2017 |
| 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 ) |
| DESCl: 11 | DESc2: 19 | DESc3: 7 | SMALLQTY: . |
| METHOD OF ACCEPTANCE---: QUAL AND VIS |
| EVIDENCE OF INSPECTION---: LIST AND ILOK |
| MATERIAL OWNER: PC |
| SAMPLE SIZE---: |
| UPDATED: 10/18/2017 |
| 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  LINPT(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------- : PROD MUST BE ON BBS LIST FOR PREQUAL THREE SIDED PRECAST CONCRETE STRUCTURES
SPECIFICATIONS: GUIDE BRIDGE SPEC PROV FOR THREE SIDED PRECAST CONCRETE STRUCTURE, CBM POLICY MEMO 19

Page 106 of 344  Manual of Materials Inspection  5/31/2021
### MATERIAL: 25508  SLAB, APPROACH, PRECAST CONCRETE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
<th>SAMPLE SIZE</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
</tr>
</thead>
<tbody>
<tr>
<td>25508</td>
<td>25508</td>
<td>25508</td>
<td>.</td>
<td>SQFT (SQ M)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **METHOD OF ACCEPTANCE**: QUAL
- **EVIDENCE OF INSPECTION**: LIST AND ILOK
- **MATERIAL OWNER**: PC
- **UPDATED**: 02/27/2017

### MATERIAL: 25512  WHEEL STOPS, PRECAST CONCRETE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
<th>SAMPLE SIZE</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
</tr>
</thead>
<tbody>
<tr>
<td>25512</td>
<td>25512</td>
<td>25512</td>
<td>.</td>
<td>EA (EA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **METHOD OF ACCEPTANCE**: QUAL
- **EVIDENCE OF INSPECTION**: LIST
- **MATERIAL OWNER**: PC
- **UPDATED**: 02/27/2017

### MATERIAL: 25513  RETAINING WALL, SPECIAL, PRECAST CONCRETE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
<th>SAMPLE SIZE</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
</tr>
</thead>
<tbody>
<tr>
<td>25513</td>
<td>25513</td>
<td>25513</td>
<td>.</td>
<td>SQFT (SQ M)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **METHOD OF ACCEPTANCE**: QUAL
- **EVIDENCE OF INSPECTION**: LIST
- **MATERIAL OWNER**: PC
- **UPDATED**: 02/27/2017

### MATERIAL: 25514  GLARE SHIELD, PRECAST CONCRETE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
<th>SAMPLE SIZE</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
</tr>
</thead>
<tbody>
<tr>
<td>25514</td>
<td>25514</td>
<td>25514</td>
<td>.</td>
<td>LINFT (METER)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **METHOD OF ACCEPTANCE**: QUAL
- **EVIDENCE OF INSPECTION**: LIST
- **MATERIAL OWNER**: PC
- **UPDATED**: 02/27/2017
**MANUAL FOR MATERIALS INSPECTION - PART 2**

**MATERIAL GROUP: 250 CONCRETE MASONRY UNITS**

--- MATERIAL: 25515  FOOTING, PRECAST  LINFT (METER )

<table>
<thead>
<tr>
<th>DESC1: 87</th>
<th>DESC2: 19</th>
<th>DESC3: SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td>VIS</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td>ILOK</td>
<td>MATERAIL OWNER: PC</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 05/15/2019</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, COMpressive StreNGTH, STEel SIZE &amp; PLACEMENT, AIR, SLUMP, (SCC: SLUMP Flow, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1042.03</td>
<td>CBM POLICY MEMO 19</td>
</tr>
</tbody>
</table>

--- MATERIAL: 25517  END SECTION, PRECAST CONCRETE MEDIAN BARRIER  EA (EA )

<table>
<thead>
<tr>
<th>DESC1: 19</th>
<th>DESC2: 12</th>
<th>DESC3: SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE: QUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LIST</td>
<td></td>
<td>MATERAIL OWNER: PC</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>6 EACH</td>
<td>UPDATED: 02/27/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, COMpressive StreNGTH, STEel SIZE &amp; PLACEMENT, AIR, SLUMP, (SCC: SLUMP Flow, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1042.02, 1042.14, HWY STD 704001</td>
<td>CBM POLICY MEMO 19</td>
</tr>
</tbody>
</table>

--- MATERIAL: 25518  RETAINING WALL BLOCK  EA (EA )

<table>
<thead>
<tr>
<th>DESC1: 11</th>
<th>DESC2: 12</th>
<th>DESC3: 13</th>
</tr>
</thead>
<tbody>
<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>MATERAIL OWNER: PC</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>6 EACH</td>
<td>UPDATED: 02/27/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, COMP. STRENGTH, ABSORPTION, (WET CAST: SLUMP,AIR) (SCC: SLUMP Flow, VSI, J-RING OR L-BOX HVSI)</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 522.12, 1042.21</td>
<td>CBM POLICY MEMO 19</td>
</tr>
</tbody>
</table>

--- MATERIAL: 25519  RETAINING WALL CAP  EA (EA )

<table>
<thead>
<tr>
<th>DESC1: 11</th>
<th>DESC2: 12</th>
<th>DESC3: 13</th>
</tr>
</thead>
<tbody>
<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>MATERAIL OWNER: PC</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>6 EACH</td>
<td>UPDATED: 02/27/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, COMP. STRENGTH, ABSORPTION, (WET CAST: SLUMP,AIR) (SCC: SLUMP Flow, VSI, J-RING OR L-BOX HVSI)</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 522.12, 1042.21</td>
<td>CBM POLICY MEMO 19</td>
</tr>
</tbody>
</table>

--- MATERIAL: 25520  WALL PANEL, REFLECTIVE NOISE WALL, PRECAST CONCRETE  SQFT (SQ M )

<table>
<thead>
<tr>
<th>DESC1: 19</th>
<th>DESC2: 7</th>
<th>DESC3: 16</th>
</tr>
</thead>
<tbody>
<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>MATERAIL OWNER: PC</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td>UPDATED: 02/27/2017</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, COMpressive StreNGTH, STEel SIZE &amp; PLACEMENT, AIR, SLUMP, (SCC: SLUMP Flow, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>USE THIS CODE IF SIDE FACING ROADWAY IS REFLECTIVE QC PLAN REQUIRES INDEPENDENT LAB TEST RESULTS PER SPEC</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1042.03, CONTRACT PLANS &amp; SPEC PROV</td>
<td>CBM POLICY MEMO 19</td>
</tr>
</tbody>
</table>
--- MATERIAL: 25521 PANEL, PRECAST CONCRETE PARAPET LINFT (METER)  
METHOD OF ACCEPTANCE: QUAL  
EVIDENCE OF INSPECTION: LIST MATERIAL OWNER: PC  
SAMPLE SIZE: CONTAINER1: CONTAINER2:  
MEASUREMENT: DIMENSIONS, COMRESSIVE 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: CONTAINER1: CONTAINER2:  
MEASUREMENT: DIMENSIONS, COMRESSIVE 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: CONTAINER1: CONTAINER2:  
MEASUREMENT: DIMENSIONS, COMRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)  
REMARK: SPECIFICATIONS: ART 522.09, 1042.19 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: CONTAINER1: CONTAINER2:  
MEASUREMENT: DIMENSIONS, COMRESSIVE STRENGTH, STEEL SIZE & PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)  
REMARK: SPECIFICATIONS: CONTRACT PLANS & SPEC PROV
<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>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
<th>CBM POLICY MEMO</th>
</tr>
</thead>
<tbody>
<tr>
<td>25701</td>
<td>FLARED END SECTION, REINFORCED CONCRETE, CIRCULAR</td>
<td></td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td>ART 1042.07, HWY STD 542301</td>
<td>CBM POLICY MEMO 19</td>
</tr>
<tr>
<td>25702</td>
<td>TOE WALL, FLARED END SECTION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td>ART 1042.07, HWY STD 542301,542306</td>
<td>CBM POLICY MEMO 19</td>
</tr>
<tr>
<td>25703</td>
<td>HEAD WALL, CONCRETE</td>
<td></td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td>ART 1042.02, 1042.09, HWY STD 601101</td>
<td>CBM POLICY MEMO 19</td>
</tr>
<tr>
<td>25704</td>
<td>FLARED END SECTION, REINFORCED CONCRETE, ELLIPTICAL</td>
<td></td>
<td>26</td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, AIR, SLUMP, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td>ART 1042.07, HWY STD 542306</td>
<td>CBM POLICY MEMO 19</td>
</tr>
<tr>
<td>25803</td>
<td>SPLASH BLOCK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td>CONTRACT PLANS &amp; SPEC PROV</td>
<td>CBM POLICY MEMO 19</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
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---: UPDATED: 02/27/2017
  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---: UPDATED: 02/27/2017
  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---: UPDATED: 02/27/2017
  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---: UPDATED: 02/27/2017
  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---: 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 1042.02, 1042.13, HWY STD 666001
                  CBM POLICY MEMO 19
<table>
<thead>
<tr>
<th>MATERIAL: 26002</th>
<th>MARKER, SECTION</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: DESC2:</td>
<td>12</td>
<td>DESC3:</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1042.02, 1042.13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBM POLICY MEMO 19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 26003</th>
<th>MARKER, DRAINAGE</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: DESC2:</td>
<td>12</td>
<td>DESC3:</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 667.03, 1042.02, 1042.13, HWY STD 667001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBM POLICY MEMO 19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 26004</th>
<th>MARKER, COMBINATION (SECTION &amp; ROW)</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: DESC2:</td>
<td>DESC3:</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 667.04, 1042.02, 1042.13 HWY STD 666001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBM POLICY MEMO 19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 26005</th>
<th>MARKER, SURVEY CONCRETE</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: DESC2:</td>
<td>DESC3:</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1042.02, 1042.13, HWY STD 667101</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBM POLICY MEMO 19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 26006</th>
<th>MARKER, REFERENCE, CONCRETE</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: DESC2:</td>
<td>DESC3:</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: PC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIMENSIONS, COMpressive STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1042.02, 1042.13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBM POLICY MEMO 19</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 )
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 )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRESSION 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, 006, 011, 016
CBM POLICY MEMO 19

--- MATERIAL: 26103 TEE, MANHOLE EA (EA )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRESSION 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 )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---: UPDATED: 02/27/2017
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMPRESSION STRENGTH, STEEL SIZE & PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)
REMARK---------: THE CATCH BASIN BASE IS ATTACHED
THIS MATERIAL CODE APPLIES TO RECTANGULAR SHAPES ALSO
SPECIFICATIONS: ART 1042.10, HWY STD 602101, 016
CBM POLICY MEMO 19
MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

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  
DESC1: 11  DESC2: 19  DESC3:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION--: ILOK  
MATERIAL OWNER: PC  
UPDATED: 02/27/2017  
SAMPLE SIZE---:  
CONTAINER1:  
CONTAINER2:  
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, 
SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VISI, 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  
DESC1: 11  DESC2: 19  DESC3:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION--: ILOK  
MATERIAL OWNER: PC  
UPDATED: 02/27/2017  
SAMPLE SIZE---:  
CONTAINER1:  
CONTAINER2:  
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, 
SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VISI, 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  
DESC1: 11  DESC2: 19  DESC3:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION--: ILOK  
MATERIAL OWNER: PC  
UPDATED: 02/27/2017  
SAMPLE SIZE---:  
CONTAINER1:  
CONTAINER2:  
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, 
SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VISI, 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  
DESC1: 11  DESC2: 19  DESC3:  
SMALLQTY: .  
METHOD OF ACCEPTANCE---: TEST  
EVIDENCE OF INSPECTION--: ILOK  
MATERIAL OWNER: PC  
UPDATED: 02/27/2017  
SAMPLE SIZE---:  
CONTAINER1:  
CONTAINER2:  
MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION, 
SLUMP, AIR, STRENGTH; SCC: SLUMP FLOW, VISI, 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
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, 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: 27702  BEAMS, DECK, BRIDGE, SOLID PROFILE, PRECAST PRESTRESSED CONCRETE
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, 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: 27805  POST, PRECAST PRESTRESSED CONCRETE NOISE ABATEMENT
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, 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: 27806  PANEL, PRECAST PRESTRESSED CONCRETE (SIGHT SCREEN)
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, 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: SEC 639, HWY STD 639001, MANUAL FOR FABRICATION
OF PRECAST PRESTRESSED CONCRETE PRODUCTS
<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Unit</th>
<th>Method of Acceptance</th>
<th>Measurement</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>30101</td>
<td>30101 CABLE, ELECTRICAL 1/C COPPER</td>
<td>LINFT(METER)</td>
<td>VIS</td>
<td></td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
</tr>
<tr>
<td>30102</td>
<td>30102 CABLE, ELECTRICAL 2/C COPPER</td>
<td>LINFT(METER)</td>
<td>VIS</td>
<td></td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARKS. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
</tr>
<tr>
<td>30103</td>
<td>30103 CABLE, ELECTRICAL 3/C COPPER</td>
<td>LINFT(METER)</td>
<td>VIS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30104</td>
<td>30104 CABLE, ELECTRICAL 4/C COPPER</td>
<td>LINFT(METER)</td>
<td>VIS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30105</td>
<td>30105 CABLE, ELECTRICAL 5/C COPPER</td>
<td>LINFT(METER)</td>
<td>VIS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL: 30106 CABLE, ELECTRICAL 6/C COPPER</td>
<td>LINFT(METER)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: VIS</td>
<td>EVIDENCE OF INSPECTION: MARK</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: FIELD INSPECTION</td>
<td>UPDATED: 02/27/2008</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1076.04 OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| MATERIAL: 30107 CABLE, ELECTRICAL 7/C COPPER | LINFT(METER) |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 02/27/2008 |
| 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: 30108 CABLE, ELECTRICAL 8/C COPPER | LINFT(METER) |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 03/12/2014 |
| 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: 30109 CABLE, ELECTRICAL 9/C COPPER | LINFT(METER) |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 02/27/2008 |
| 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: 30110 CABLE, ELECTRICAL 10/C COPPER | LINFT(METER) |
| METHOD OF ACCEPTANCE: VIS | EVIDENCE OF INSPECTION: MARK | MATERIAL OWNER: MT |
| SAMPLE SIZE: FIELD INSPECTION | UPDATED: 03/11/2013 |
| 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 GROUP: 300 ELECTRICAL CABLE & CONDUIT

<table>
<thead>
<tr>
<th>MATERIAL</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>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>30112</td>
<td>20</td>
<td>21</td>
<td></td>
<td></td>
<td>VIS</td>
<td>MARK</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td></td>
<td>VERIFIED MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td>ART 1076.04 OR CONTRACT PLANS</td>
</tr>
<tr>
<td>30115</td>
<td>20</td>
<td>21</td>
<td>57</td>
<td></td>
<td>VIS</td>
<td>MARK</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td></td>
<td>VERIFIED MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td>ART 1076.04 OR CONTRACT PLANS</td>
</tr>
<tr>
<td>30118</td>
<td>20</td>
<td>21</td>
<td></td>
<td></td>
<td>VIS</td>
<td>MARK</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td></td>
<td>VERIFIED MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td>ART 1076.04 OR CONTRACT PLANS</td>
</tr>
<tr>
<td>30119</td>
<td>20</td>
<td>21</td>
<td></td>
<td></td>
<td>VIS</td>
<td>MARK</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td></td>
<td>VERIFIED MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td>ART 1076.04 OR CONTRACT PLANS</td>
</tr>
<tr>
<td>30125</td>
<td>20</td>
<td>21</td>
<td></td>
<td></td>
<td>VIS</td>
<td>MARK</td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td></td>
<td>VERIFIED MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td>ART 1076.04 OR CONTRACT PLANS</td>
</tr>
<tr>
<td>Material</td>
<td>Description</td>
<td>Method of Acceptance</td>
<td>Evidence of Inspection</td>
<td>Sample Size</td>
<td>Container1</td>
<td>Container2</td>
<td>Remark</td>
<td>Specifications</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>
<td>--------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30155</td>
<td>Cable, Electrical Twisted Shield Copper</td>
<td>VIS</td>
<td>MARK</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td>Verify Mark include specified UL/NEMA or other mark. Check size &amp; num. of conductors &amp; age(5yrs) record manufacturer</td>
<td>ART 1076.04 or contact plans</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30201</td>
<td>Cable, Electrical 1/C Aluminum</td>
<td>VIS</td>
<td>MARK</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td>Verify Mark include specified UL/NEMA or other mark. Check size &amp; num. of conductors &amp; age(5yrs) record manufacturer</td>
<td>SPEC Prov or Contract Plans</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30202</td>
<td>Cable, Electrical 2/C Aluminum</td>
<td>VIS</td>
<td>MARK</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td>Verify Mark include specified UL/NEMA or other mark. Check size &amp; num. of conductors &amp; age(5yrs) record manufacturer</td>
<td>SPEC Prov or Contract Plans</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30203</td>
<td>Cable, Electrical 3/C Aluminum</td>
<td>VIS</td>
<td>MARK</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td>Verify Mark include specified UL/NEMA or other mark. Check size &amp; num. of conductors &amp; age(5yrs) record manufacturer</td>
<td>SPEC Prov or Contract Plans</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30204</td>
<td>Cable, Electrical 4/C Aluminum</td>
<td>VIS</td>
<td>MARK</td>
<td>Field Inspection</td>
<td></td>
<td></td>
<td>Verify Mark include specified UL/NEMA or other mark. Check size &amp; num. of conductors &amp; age(5yrs) record manufacturer</td>
<td>SPEC Prov or Contract Plans</td>
<td></td>
<td></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 )

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>38</td>
<td>54</td>
<td>.</td>
</tr>
</tbody>
</table>

**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 )

<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>54</td>
<td>.</td>
</tr>
</tbody>
</table>

**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 )

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>38</td>
<td>54</td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE---: VIS**
**EVIDENCE OF INSPECTION---: MARK**

**MATERIAL OWNER: MT**

**SAMPLE SIZE---:**

**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 )

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>38</td>
<td>54</td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE---: VIS**
**EVIDENCE OF INSPECTION---: MARK**

**MATERIAL OWNER: MT**

**SAMPLE SIZE---:**

**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 )

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>38</td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**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  EA (EA )
  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
  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
  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
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION--: LA15 CERT AND MARK  MATERIAL OWNER: MT
  SAMPLE SIZE--: 1 @ 18"  UPDATED: 04/27/2012
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: WALL THICKNESS, WEIGHT OF ZINC COATING, THICKNESS OF POLYMER
  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
  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

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>MATERIAL</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>27</td>
<td></td>
<td>EA</td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: CERT  
**EVIDENCE OF INSPECTION**: LA15 CERT AND MARK  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: FIELD INSPECTION  
**UPDATED**: 05/17/2017  
**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)

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

**METHOD OF ACCEPTANCE**: CERT  
**EVIDENCE OF INSPECTION**: LA15 CERT AND MARK  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: 1 @ 3 FT.  
**UPDATED**: 04/07/2015  
**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

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

**METHOD OF ACCEPTANCE**: CERT  
**EVIDENCE OF INSPECTION**: LA15 CERT AND MARK  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: FIELD INSPECTION  
**UPDATED**: 04/07/2015  
**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

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

**METHOD OF ACCEPTANCE**: CERT  
**EVIDENCE OF INSPECTION**: LA15 CERT AND MARK  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: 1 @ 3 FT.  
**UPDATED**: 04/07/2015  
**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)

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

**METHOD OF ACCEPTANCE**: CERT  
**EVIDENCE OF INSPECTION**: LA15 CERT AND MARK  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**: 1 @ 3 FT.  
**UPDATED**: 01/31/2017  
**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  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: LA15 CERT AND MARK MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 18" UPDATED: 04/07/2015
CONTAINER1: CONTAINER2: MEASUREMENT----: DIMENSIONS, WEIGHT
REMARK--------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1088.01, CONTRACT PLANS, ANSI C80.5

--- MATERIAL: 31301 CONDUIT, FLEXIBLE STEEL  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: LA15 CERT AND MARK MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 18" UPDATED: 12/30/2015
CONTAINER1: CONTAINER2: MEASUREMENT----: THICKNESS OF STRIP, THICKNESS OF ZINC COATING
REMARK--------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 31302 CONDUIT, FLEXIBLE STEEL, VINYL COATED  LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: LA15 CERT AND MARK MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 18" UPDATED: 12/30/2015
CONTAINER1: CONTAINER2: MEASUREMENT----: THICKNESS OF STEP, THICKNESS OF COATING
REMARK--------: VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 31504 CABLE, FIBER OPTIC  LINFT(METER )
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----: MFGR PROOF LOAD & ATTENUATION CERTIFICATION,
REEL LABEL & CABLE MARKING
REMARK--------: VERIFY MARK INCLUDE SPECIFIED ANSI OR OTHER MARK
CATALOG CUT MAY BE USED AS CERT
SPECIFICATIONS: ART 1076.02

--- MATERIAL: 31505 CABLE, COAXIAL  LINFT(METER )
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----: DOCUMENTATION THAT VERIFIES CONTRACT RQMTS (MARKINGS,
CERTIFICATIONS, CATALOG CUTS, ETC)
REMARK--------: CATALOG CUT MAY BE USED AS CERT
SPECIFICATIONS: CONTRACT SPEC PROV/PLAN DETAILS
<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>Quantity</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>31506</td>
<td>Tape, Underground</td>
<td></td>
<td>Cert</td>
<td>LA15 Cert and Mark</td>
<td>Field</td>
<td></td>
<td></td>
<td></td>
<td>CATALOG CUT MAY BE USED AS CERT</td>
<td>Art 1066.05</td>
</tr>
<tr>
<td></td>
<td>Cable Marking</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31507</td>
<td>Cable, Ethernet,</td>
<td></td>
<td>Vis</td>
<td>Mark</td>
<td>Field</td>
<td></td>
<td></td>
<td></td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK. CHECK SIZE &amp; NUM. OF CONDUCTORS &amp; AGE(5YRS) RECORD MANUFACTURER</td>
<td>Spec Prov &amp; Contract Plans</td>
</tr>
<tr>
<td></td>
<td>Category 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31601</td>
<td>Ground Rod</td>
<td>14</td>
<td>Cert</td>
<td>LA15</td>
<td>Field</td>
<td></td>
<td></td>
<td></td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>Art 1087.01, HWY Std</td>
</tr>
<tr>
<td>31602</td>
<td>Plastic Tube (Loop</td>
<td>14</td>
<td>Cert</td>
<td>LA15</td>
<td>Field</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Art 1079.02</td>
</tr>
<tr>
<td></td>
<td>Detector)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31603</td>
<td>Wire &amp; Tubing,</td>
<td>20 33</td>
<td>Cert</td>
<td>LA15</td>
<td>Field</td>
<td></td>
<td></td>
<td></td>
<td>VERIFY MARK INCLUDE SPECIFIED UL/NEMA OR OTHER MARK CATALOG CUT MAY BE USED AS CERT</td>
<td>Art 1079.02, Contract Plans</td>
</tr>
</tbody>
</table>
### MATERIAL: 31604  
**WIRE, GUY LINFT (METER)**

- **DESC1**: 14  
- **DESC2**:  
- **DESC3**:  
- **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**: BREAKING STRTH., WEIGHT OF COATING

**REMARK**:  
DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS**: ART 1077.04, HWY STD

---

### MATERIAL: 31605  
**VIDEO, DETECTION SYSTEM COMPLETE**

- **DESC1**: 22  
- **DESC2**:  
- **DESC3**:  
- **SMALLQTY**: .

**METHOD OF ACCEPTANCE**: VIS  
**EVIDENCE OF INSPECTION**: VIS  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**:  
**UPDATED**: 12/09/2020

**CONTAINER1**:  
**CONTAINER2**:  
**MEASUREMENT**:  
**REMARK**:  
**SPECIFICATIONS**: CONTRACT SPEC PROV/PLAN NOTES

---

### MATERIAL: 31606  
**VIDEO SURVEILLANCE SYSTEM COMPLETE**

- **DESC1**: 22  
- **DESC2**:  
- **DESC3**:  
- **SMALLQTY**: .

**METHOD OF ACCEPTANCE**: VIS  
**EVIDENCE OF INSPECTION**: VIS  
**MATERIAL OWNER**: MT  
**SAMPLE SIZE**:  
**UPDATED**: 06/30/1998

**CONTAINER1**:  
**CONTAINER2**:  
**MEASUREMENT**:  
**REMARK**:  
**SPECIFICATIONS**: CONTRACT SPEC PROV/PLAN NOTES
## MATERIAL GROUP: 330 LIGHT & SIGNAL STANDARD

### MATERIAL: 33001 LIGHT & SIGNAL STANDARD UNITS COMPLETE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td></td>
<td></td>
<td></td>
<td>FIELD INSPECTION</td>
<td>DIMENSIONS, WORKMANSHIP</td>
<td>APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING</td>
<td>ART 1077.03, SPEC PROV</td>
</tr>
</tbody>
</table>

- MATERIAL OWNER: MT
- UPDATED: 03/18/2009

### MATERIAL: 33002 LIGHT & SIGNAL STANDARD, ALUMINUM, UNITS COMPLETE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td></td>
<td></td>
<td></td>
<td>FIELD INSPECTION</td>
<td>DIMENSIONS, WORKMANSHIP</td>
<td>APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING</td>
<td>SPEC PROV, CONTRACT PLANS</td>
</tr>
</tbody>
</table>

- MATERIAL OWNER: MT
- UPDATED: 07/02/2009

### MATERIAL: 33101 POLE, ALUMINUM

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td></td>
<td></td>
<td></td>
<td>FIELD INSPECTION</td>
<td>DIMENSIONS, WORKMANSHIP</td>
<td>APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING</td>
<td>ART 1069.02 SPEC PROV OR CONTRACT PLANS</td>
</tr>
</tbody>
</table>

- MATERIAL OWNER: MT
- UPDATED: 04/10/2008

### MATERIAL: 33111 POLE, FIBERGLASS

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td></td>
<td></td>
<td></td>
<td>FIELD INSPECTION</td>
<td>DIMENSIONS, WORKMANSHIP</td>
<td>APPROVED BY CONFORMANCE TO CONTRACT PLANS OR APPROVED DRAWINGS</td>
<td>ART 1069.05</td>
</tr>
</tbody>
</table>

- MATERIAL OWNER: MT
- UPDATED: 03/22/2010

### MATERIAL: 33201 POLE, RUST RESISTANT STEEL

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td></td>
<td></td>
<td></td>
<td>FIELD INSPECTION</td>
<td>DIMENSIONS, WORKMANSHIP</td>
<td>APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING</td>
<td>ART 1069.03, SPEC PROV OR CONTRACT PLANS</td>
</tr>
</tbody>
</table>

- MATERIAL OWNER: MT
- UPDATED: 04/10/2008

DOMESTIC STEEL ACT APPLIES SPECIFICATIONS: ART 1069.03, SPEC PROV OR CONTRACT PLANS
-->

**MATERIAL:** 33403  POLE, WOOD CLASS 3  PC (EA )
**DESC1:** 19  **DESC2:** 23  **DESC3:**  SMALLQTY: .

**METHOD OF ACCEPTANCE:** VIS
**EVIDENCE OF INSPECTION:** MARK  
**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION  
**UPDATED:** 12/30/2015

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

**MEASUREMENT:** DIMENSIONS

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING  
VERIFY CLASS & TREATMENT BY INSP. STAMP

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

-->

**MATERIAL:** 33404  POLE, WOOD CLASS 4  PC (EA )
**DESC1:** 19  **DESC2:** 23  **DESC3:**  SMALLQTY: .

**METHOD OF ACCEPTANCE:** VIS
**EVIDENCE OF INSPECTION:** MARK  
**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION  
**UPDATED:** 12/30/2015

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

**MEASUREMENT:** DIMENSIONS

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING  
VERIFY CLASS & TREATMENT BY INSP. STAMP

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

-->

**MATERIAL:** 33405  POLE, WOOD CLASS 5  PC (EA )
**DESC1:** 19  **DESC2:** 23  **DESC3:**  SMALLQTY: .

**METHOD OF ACCEPTANCE:** VIS
**EVIDENCE OF INSPECTION:** MARK  
**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION  
**UPDATED:** 12/30/2015

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

**MEASUREMENT:** DIMENSIONS

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING  
VERIFY CLASS & TREATMENT BY INSP. STAMP

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

-->

**MATERIAL:** 33501  TRAFFIC SIGNAL COMPONENTS  EA (EA )
**DESC1:** 22  **DESC2:**  DESC3:  SMALLQTY: .

**METHOD OF ACCEPTANCE:** CERT
**EVIDENCE OF INSPECTION:** VIS AND CERT  
**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION  
**UPDATED:** 12/30/2015

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

**MEASUREMENT:** DIMENSIONS, WORKMANSHIP

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING  
CERT IS FOR DOMESTIC STEEL ACT

**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS  
SEC 1074

-->

**MATERIAL:** 33502  BASE, TRAFFIC CONTROL SIGNAL POST  EA (EA )
**DESC1:**  DESC2:  DESC3:  SMALLQTY: .

**METHOD OF ACCEPTANCE:** CERT
**EVIDENCE OF INSPECTION:** VIS AND CERT  
**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION  
**UPDATED:** 02/27/2008

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

**MEASUREMENT:** DIMENSIONS, WORKMANSHIP

**REMARK:** APPR BY CONFORMANCE TO CONTRACT PLAN OR APPR DRAWING  
DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1077.01
--- MATERIAL: 33503 BREAKWAY SUPPORTS, LIGHT POLES EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: VIS AND CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 02/27/2008
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.
  REMARK--------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1070.04, SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 33504 FOUNDATION, POLE, STEEL EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 02/27/2008
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: REQUIREMENTS PER APPLICABLE SPEC.
  REMARK--------: DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: ART 1070.01, SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 33601 LIGHTING COMPONENTS EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: VIS AND CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 12/30/2015
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: DIMENSIONS, WORKMANSHIP
  REMARK--------: APPR BY CONFORMANCE TO CONTRACT PLANS OR APPR DRAWING
  CERT IS FOR DOMESTIC STEEL ACT
  SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS
  SEC 1067, 1078

--- MATERIAL: 33701 POLE, LIGHT, PRECAST PRESTRESSED CONCRETE EA (EA )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION---: ILOK
  MATERIAL OWNER: PC
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 10/10/2017
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: DIMENSIONS, STEEL PLACEMENT, ALIGNMENT, STRAND ELONGATION,
  CONCRETE: AIR/SLUMP/TEMP/COMP STRENGTH, AGGREGATE GRAD
  REMARK--------: QC/QA PER MANUAL FOR FABRICATION OF FPC PRODUCTS
  FINAL REPORT RETAINED AT CBM-DATA NOT ENTERED IN MISTIC
  SPECIFICATIONS: ART 504.06, SPEC PROV OR CONTRACT PLAN, MANUAL FOR FABRICATION
  OF PRECAST PRESTRESSED CONCRETE PRODUCTS
--- MATERIAL: 35101  LUMBER OR TIMBER, UNTREATED  
MATERIAL GROUP: 350 LUMBER & TIMBER PRODUCT  
FBM (CU M )  
DESC1: 90  DESC2: 19  DESC3:  
SMALLQTY: .  
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  
MATERIAL GROUP: 350 LUMBER & TIMBER PRODUCT  
FBM (CU M )  
DESC1: 90  DESC2: 19  DESC3:  
SMALLQTY: .  
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  
MATERIAL GROUP: 350 LUMBER & TIMBER PRODUCT  
FBM (CU M )  
DESC1: 90  DESC2: 19  DESC3:  
SMALLQTY: .  
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  
MATERIAL GROUP: 350 LUMBER & TIMBER PRODUCT  
SQFT (SQ M )  
DESC1: 16  DESC2: 89  DESC3:  
SMALLQTY: .  
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  
MATERIAL GROUP: 350 LUMBER & TIMBER PRODUCT  
SQFT (SQ M )  
DESC1: 22  DESC2: 16  DESC3:  
SMALLQTY: .  
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

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>19</td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**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, VS1, J-RING OR L-BOX, HVSI)

**REMARK------- :**

**SPECIFICATIONS:** ART 512.03, 1042.04

**CBM POLICY MEMO 19**

--- MATERIAL: 36602 PILING, PRESTRESSED PRECAST CONCRETE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>24</td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**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

**SPECIFICATIONS:** ART 504.06, 512.03, MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONCRETE PRODUCTS

--- MATERIAL: 36705 PILING, STEEL H, PAINTED

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>24</td>
<td>19</td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE---: CERT**

**EVIDENCE OF INSPECTION---: CERT LA15 ILOK**

**SAMPLE SIZE---:** 1 @ 24"

**CONTAINER1:** CONTAINER2:

**MEASUREMENT---:** DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION

**REMARK------- :** M270 AND A709 ARE EQUIVALENT DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.05

--- MATERIAL: 36706 PILING, STEEL H

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>24</td>
<td>19</td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE---: CERT**

**EVIDENCE OF INSPECTION---: CERT LA15 ILOK**

**SAMPLE SIZE---:** 1 @ 24"

**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: 36754 PILING, STEEL SOLDIER (BEAM), ASTM A572-50, PAINTED

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td></td>
<td>19</td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE---: CERT**

**EVIDENCE OF INSPECTION---: CERT LA15 ILOK**

**SAMPLE SIZE---:** 1 @ 24"

**CONTAINER1:** CONTAINER2:

**MEASUREMENT---:** DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION

**REMARK------- :** RECORD HT. # AND PROD # DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.05
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 365 PILING

--> MATERIAL: 36755  PILING, STEEL SOLDIER (BEAM), GRADE 36
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
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
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
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
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
--> MATERIAL: 36906  PILING, STEEL SHEET, ASTM A572, GRADE 50  SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 ILOK  MATERIAL OWNER: MT
SAMPLE SIZE---:  1 @ 24”  UPDATED: 02/07/2011
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS, YIELD STRENGTH, TENSILE STRENGTH, ELONGATION, MARKINGS
REMARK--------: RECORD PROD #
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ASTM A572

--> MATERIAL: 37002  PILING, TIMBER, TREATED  LINFT(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---: DIMENSIONS, SPECIES, AMOUNT OF PRESERVATIVE RETAINED
REMARK--------: IF MARK CONTAINS ALL ACCEPTANCE INFORMATION, THEN VISUAL IS OK. OTHERWISE, CERT IS REQUIRED.
SPECIFICATIONS: ART 1007.08

--> MATERIAL: 37101  SPLICES, PILE, STEEL  EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 ILOK  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/02/2012
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 512.05, SPEC PROV OR CONTRACT PLANS

--> MATERIAL: 37102  SPLICES, PILE, STEEL H  EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT LA15 ILOK  MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/02/2012
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIMENSIONS
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 513.05, CONTRACT PLANS

--> MATERIAL: 37151  WELD, PILING SPLICE  N/A (N/A )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION-: MATERIAL OWNER: MT
SAMPLE SIZE---:  4 IN X 8 IN X 1/2 IN STEEL PLATE  UPDATED: 12/11/2018
CONTAINER1:  CONTAINER2:
MEASUREMENT---: FILLT WELD BREAK TEST
REMARK--------: NO WELD SAMPLE IS REQUIRED IF WELDER IS ALREADY QUALIFIED TO AWS STAND SPECS
SPECIFICATIONS: ART. 513.06, AWS D1.1, BUR OF CONST. FORM 2015
***LAB USE ONLY***
MANUAL FOR MATERIALS INSPECTION - PART 2
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
UPDATED: 10/10/2017

SAMPLE SIZE---:
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
--- 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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 375 CEMENTITIOUS MATERIALS

-->
MATERIAL: 37703 PORTLAND CEMENT, POZZOLAN, TYPE IP
DESC1: 37703  DESC2:  DESC3: 
SMALLQTY: .
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
DESC1: 37708  DESC2:  DESC3: 
SMALLQTY: .
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
DESC1: 37801  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---: SPECIFIC GRAVITY, FINENESS, SOUNDNESS, STRENGTH ACTIVITY INDEX, CHEMICAL ANALYSIS
REMARK--------:
SPECIFICATIONS: SEC 1010, CBM POLICY MEMO 18

-->
MATERIAL: 37802 FLYASH CLASS F
DESC1: 37802  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---: SPECIFIC GRAVITY, FINENESS, SOUNDNESS, STRENGTH ACTIVITY INDEX, CHEMICAL ANALYSIS
REMARK--------:
SPECIFICATIONS: SEC 1010, CBM POLICY MEMO

-->
MATERIAL: 37803 HIGH REACTIVITY METAKAOLIN (HRM)
DESC1: 37803  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---: STRENGTH, FINENESS, CHEMICAL ANALYSIS
REMARK--------:
SPECIFICATIONS: SEC 1010, CBM POLICY MEMO 18
--- MATERIAL: 37805  FLYASH, BLENDED, CLASS F  
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, SOUNDNESS, 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  
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, RESTRAINED 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  
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  
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  MICROSIONICA  
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

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
</table>

**METHOD OF ACCEPTANCE**: QUAL

**EVIDENCE OF INSPECTION**: LIST

**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

<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**: TEST

**SAMPLE SIZE**: 6 LBS

**CONTAINER1**: 05 **CONTAINER2**: 11

**MEASUREMENT**: AUTOCLAVE EXPANSION, AIR, STRENGTH, FINENESS, CHEMICAL ANALYSIS

**REMARK**: 

**SPECIFICATIONS**: SEC 1001
## MATERIAL GROUP: 380 WATERPROOFING

### MATERIAL 38102
**Desc:** EMULSIFIED ASPHALT (ANIONIC) AWP EMULSION  
**Method of Acceptance:** QUAL TEST  
**Evidence of Inspection:** LIST TEST AND BOL  
**Remark:** IF TESTED, TESTID REQUIRED ON BOL  
**Specifications:** ART 1060.08, ASTM D449

<table>
<thead>
<tr>
<th>Container</th>
<th>Size</th>
<th>Sample Size</th>
<th>Meas/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>1 GALLON</td>
<td>1 GALLON PER BATCH</td>
<td>SMALLQTY: 55</td>
</tr>
</tbody>
</table>

### MATERIAL 38203
**Desc:** COAL-TAR PITCH, EMULSION-SYSTEM I (CTPE)  
**Method of Acceptance:** TEST  
**Evidence of Inspection:** LA15 TEST  
**Remark:** WATERPROOFING MEMBRANE SYSTEM  
**Specifications:** ART 1061.03

<table>
<thead>
<tr>
<th>Container</th>
<th>Size</th>
<th>Sample Size</th>
<th>Meas/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>05</td>
<td>1 QUART</td>
<td>1 QUART PER BATCH</td>
<td>SMALLQTY: 56</td>
</tr>
</tbody>
</table>

### MATERIAL 38505
**Desc:** FABRIC, RESIN, GLASS  
**Method of Acceptance:** TEST  
**Evidence of Inspection:** LA15 TEST  
**Remark:** WATERPROOFING MEMBRANE SYSTEM  
**Specifications:** ART 1061.04, ASTM D1668

<table>
<thead>
<tr>
<th>Container</th>
<th>Size</th>
<th>Sample Size</th>
<th>Meas/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>08</td>
<td>1 SQFT</td>
<td>1 @ 5' LONG &amp; FULL WIDTH OF ROLL PER BATCH, UNBENT</td>
<td>SMALLQTY: .</td>
</tr>
</tbody>
</table>

### MATERIAL 38508
**Desc:** BITUMINOUS ADHESIVE, FIBERGLASS FABRIC REPAIR SYSTEM  
**Method of Acceptance:** TEST  
**Evidence of Inspection:** LA15 TEST  
**Remark:**  
**Specifications:** ART 1063.01

<table>
<thead>
<tr>
<th>Container</th>
<th>Size</th>
<th>Sample Size</th>
<th>Meas/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>1 LB</td>
<td>1 MFG SEALED BOX</td>
<td>SMALLQTY: .</td>
</tr>
</tbody>
</table>

### MATERIAL 38602
**Desc:** PENETRATING PRIMER - SYSTEM I  
**Method of Acceptance:** TEST  
**Evidence of Inspection:** LA15 TEST  
**Remark:** SEND IN WITH COAL TAR PITCH EMULSION SAMPLE  
**Specifications:** ART 1061.02

<table>
<thead>
<tr>
<th>Container</th>
<th>Size</th>
<th>Sample Size</th>
<th>Meas/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>05</td>
<td>1 QUART</td>
<td>1 QUART PER BATCH</td>
<td>SMALLQTY: 56</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 380 WATERPROOFING

--> 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
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: 05 CONTAINER2:
MEASUREMENT==> FLASH & SOFTENING PTS., DUCT., SOL., SPG,
FEN @ 32 F., @ 77 F. & @ 115 F
REMARK--------: 
SPECIFICATIONS: ART 1060.07, ASTM D449
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---:</td>
<td>TEST</td>
<td>EVIDENCE OF INSPECTION-: LA15 TEST</td>
<td>MATERIAL OWNER: BC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>1 QUART PER BATCH</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>05</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>FLASH &amp; SOFTENING PTS., DUCT., SOL., SPG, PEN @ 32 F., @ 77 F. &amp; @ 115 F</td>
<td></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>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1060.07, ASTM D449</td>
<td></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>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---:</td>
<td>CERT</td>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td>UPDATED: 04/10/2008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td></td>
<td></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>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1060.09</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 400 PAINTS & PAINT MATERIALS

--- MATERIAL: 40431 PAINT, PAVEMENT MARKING, EPOXY, WHITE GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
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
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS: ART 1095.04

--- MATERIAL: 40444 PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, WHITE GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION= LA15 CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT PER LOT UPDATED: 02/22/2019
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
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS: ART 1095.02

--- MATERIAL: 40445 PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, YELLOW GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION= LA15 CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT PER LOT UPDATED: 02/22/2019
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
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS: ART 1095.02

--- MATERIAL: 40450 PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, BLACK GAL (LITER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 20
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION= LA15 CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT PER LOT UPDATED: 02/22/2019
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
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS: M135

--- MATERIAL: 40451 PAINT, PAVEMENT MARKING, EPOXY, BLACK 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: 02/04/2020
CONTAINER1:  04 CONTAINER2:  13
MEASUREMENT---: TOTAL SOLIDS, DRY TIME, PIGMENT CONTENT, COLOR
REMARK--------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SEE SHELF LIFE DOCUMENT
SPECIFICATIONS: ART 1095.04
<table>
<thead>
<tr>
<th>MATERIAL: 40452</th>
<th>PAINT, PAVEMENT MARKING, EPOXY, POLYUREA WHITE</th>
<th>GAL (LITER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 02/22/2019</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: LA15 CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE: 1 PINT PART A</td>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT: PIGMENT CONTENT</td>
<td>REMARK: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td>SEE SHELF LIFE DOCUMENT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 40453</th>
<th>PAINT, PAVEMENT MARKING, EPOXY, POLYUREA YELLOW</th>
<th>GAL (LITER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 02/22/2019</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: LA15 CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE: 1 PINT PART A</td>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT: PIGMENT CONTENT</td>
<td>REMARK: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td>SEE SHELF LIFE DOCUMENT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 40454</th>
<th>PAINT, PAVEMENT MARKING, BLACK A-A-2886</th>
<th>GAL ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: LA15 CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE: 1 PINT PER LOT</td>
<td>CONTAINER1: 13</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT: DENSITY, VISC, DRY NO PICK UP, COLOR, TOTAL SOLIDS</td>
<td>REMARK: CONTACT DIST.BUR.MATLS TO VERIFY APPROVED LOTS.</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td>SEE SHELF LIFE DOCUMENT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 40457</th>
<th>PAINT, PAVEMENT MARKING, EPOXY, YELLOW, PB FREE</th>
<th>GAL (LITER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: LA15 CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE: 1 PINT PART A, 1 PINT PART B</td>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT: COLOR, DRY TIME, TOTAL SOLIDS, PIGMENT, QUV</td>
<td>REMARK: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td>SEE SHELF LIFE DOCUMENT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 40458</th>
<th>PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, WHITE</th>
<th>GAL (LITER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: LA15 CBM</td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td>SAMPLE SIZE: 1 PINT PART A, 1 PINT PART B</td>
<td>CONTAINER1: 04</td>
<td>CONTAINER2: 13</td>
</tr>
<tr>
<td>MEASUREMENT: COLOR, TOTAL SOLIDS, DRY NO PICK UP, PIGMENT</td>
<td>REMARK: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
<td>SEE SHELF LIFE DOCUMENT</td>
</tr>
</tbody>
</table>
### MATERIAL: 40459  PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, YELLOW  GAL (LITER )

- **DESC1:** PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, YELLOW
- **DESC2:** 40459
- **DESC3:** PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, YELLOW GAL (LITER )
- **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
- **SPECIFICATIONS:** FED SPEC A-A-2886

### MATERIAL: 40460  PAINT, PAVEMENT MARKING, WHITE A-A-2886  GAL (LITER )

- **DESC1:** PAINT, PAVEMENT MARKING, WHITE A-A-2886
- **DESC2:** 40460
- **DESC3:** PAINT, PAVEMENT MARKING, WHITE A-A-2886 GALLON (LITER )
- **SMALLQTY:** 20
- **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, COLOR, TOTAL SOLIDS, DRY NO PICK UP, VISCOMETER
- **REMARK—:** CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
- **SPECIFICATIONS:** FED SPEC A-A-2886

### MATERIAL: 40461  PAINT, PAVEMENT MARKING, YELLOW A-A-2886  GAL (LITER )

- **DESC1:** PAINT, PAVEMENT MARKING, YELLOW A-A-2886
- **DESC2:** 40461
- **DESC3:** PAINT, PAVEMENT MARKING, YELLOW A-A-2886 GALLON (LITER )
- **SMALLQTY:** 20
- **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, COLOR, TOTAL SOLIDS, DRY NO PICK UP, VISCOMETER
- **REMARK—:** CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
- **SPECIFICATIONS:** FED SPEC A-A-2886

### MATERIAL: 40462  PAINT, PAVEMENT MARKING, RED A-A-2886  GAL (LITER )

- **DESC1:** PAINT, PAVEMENT MARKING, RED A-A-2886
- **DESC2:** 40462
- **DESC3:** PAINT, PAVEMENT MARKING, RED A-A-2886 GALLON (LITER )
- **SMALLQTY:** 20
- **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, COLOR, TOTAL SOLIDS, DRY NO PICK UP, VISCOMETER
- **REMARK—:** CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
- **SPECIFICATIONS:** FED SPEC A-A-2886

### MATERIAL: 40701  SOLVENT, PETROLEUM SPIRITS (ASTM D235)  GAL (LITER )

- **DESC1:** SOLVENT, PETROLEUM SPIRITS (ASTM D235)
- **DESC2:** 40701
- **DESC3:** SOLVENT, PETROLEUM SPIRITS (ASTM D235) GALLON (LITER )
- **SMALLQTY:** 55
- **METHOD OF ACCEPTANCE—:** TEST
- **EVIDENCE OF INSPECTION—:** LA15 CBM
- **MATERIAL OWNER:** AC
- **SAMPLE SIZE—:** 1 PINT PER LOT
- **UPDATED:** 02/04/2020
- **CONTAINER1:**
- **CONTAINER2:**
- **MEASUREMENT—:** APPEARANCE, COLOR, FLASH, NON VOL MATTER POINT, SPG
- **REMARK—:** LAB USE ONLY
- **SPECIFICATIONS:** ART 1023.01
### MATERIAL: 41003  
**OIL, BOILED LINSEED (ASTM D260 TYPE I)**  
**GAL (LITER)**  
**SMALLQTY: 55**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** MATERIAL OWNER: AC  
**SAMPLE SIZE:** 1 PINT PER LOT  
**UPDATED:** 02/04/2020  
**MEASUREMENT:** SPG, ACID VALUE, LOSS ON HEATING  
**REMARK:** LAB USE ONLY  
**SPECIFICATIONS:** ART 1023.01

### MATERIAL: 41105  
**WHITENASING, CONCRETE PAVEMENT**  
**GAL (LITER)**  
**SMALLQTY:** .  
**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT LA15  
**MATERIAL OWNER:** CN  
**SAMPLE SIZE:** 1 QUART PER BATCH  
**UPDATED:** 11/07/2017  
**MEASUREMENT:** PER CONTRACT SPEC PROV  
**REMARK:** CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
**SPECIFICATIONS:** CONTRACT SPEC PROV

### MATERIAL: 41407  
**PRIMER, ALUMINUM EPOXY MASTIC**  
**GAL (LITER)**  
**SMALLQTY: 20**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** TEST CBM  
**MATERIAL OWNER:** AC  
**SAMPLE SIZE:** 1 PINT EACH COMPONENT  
**UPDATED:** 04/17/2019  
**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**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** TEST CBM  
**MATERIAL OWNER:** AC  
**SAMPLE SIZE:** 1 PINT EACH COMPONENT  
**UPDATED:** 04/17/2019  
**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**  
**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** TEST CBM  
**MATERIAL OWNER:** AC  
**SAMPLE SIZE:** 1 PINT EACH COMPONENT  
**UPDATED:** 04/17/2019  
**MEASUREMENT:** DENSITY, TOTAL SOLIDS, DRYING TIME, POT LIFE, VIS  
**REMARK:** CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS  
**SPECIFICATIONS:** ART 1008.05
### MATERIAL: 41411  PRIMER, MOISTURE CURED URETHANE ZINC-RICH

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE: 1 PINT EACH COMPONENT</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: TEST CBM</td>
<td>MATERIAL OWNER: AC</td>
<td>UPDATE: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 41560  PRIMER, BRIDGE, WATERBORNE ACRYLIC, MODERATE YELLOW (5Y 8-4)  GAL (LITER)  

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE: 1 PINT PER LOT</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: TEST CBM</td>
<td>MATERIAL OWNER: AC</td>
<td>UPDATE: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 41561  PAINT, BRIDGE, WATERBORNE ACRYLIC, INTST GREEN (7.5G 4-8)  GAL (LITER)  

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE: 1 PINT PER LOT</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: TEST CBM</td>
<td>MATERIAL OWNER: AC</td>
<td>UPDATE: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 41562  PAINT, BRIDGE, WATERBORNE ACRYLIC, REDISH BROWN (2.5YR 3-4)  GAL (LITER)  

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE: 1 PINT PER LOT</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: TEST CBM</td>
<td>MATERIAL OWNER: AC</td>
<td>UPDATE: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL: 41563  PAINT, BRIDGE, WATERBORNE ACRYLIC, BLUE (10B 3-6)  GAL (LITER)  

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE: 1 PINT PER LOT</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: TEST CBM</td>
<td>MATERIAL OWNER: AC</td>
<td>UPDATE: 04/17/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
--- MATERIAL: 41574 PAINT, BRIDGE, ALIPHATIC URETHANE, LIGHT GRAY (SB 7-1) GAL ( )
DESC1: DESC2: DESC3: SMALLQTY: 20

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: TEST CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT OF EACH COMPONENT UPDATED: 04/17/2019
CONTAINER1: 13 CONTAINER2:
MEASUREMENT---: DRYING TIME, CONTRAST RATIO, COLOR, GLOSS
REMARK---------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: ART 1008.05

--- MATERIAL: 41575 PAINT, BRIDGE, ALIPHATIC URETHANE, WARM GRAY (2.5Y 5-1) GAL (LITER )
DESC1: DESC2: DESC3: SMALLQTY: 20

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: TEST CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT OF EACH COMPONENT UPDATED: 04/17/2019
CONTAINER1: 13 CONTAINER2:
MEASUREMENT---: DRYING TIME, CONTRAST RATIO, COLOR, GLOSS
REMARK---------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: ART 1008.05

--- MATERIAL: 41576 PAINT, BRIDGE, ALIPHATIC URETHANE, BLACK (NI) GAL (LITER )
DESC1: DESC2: DESC3: SMALLQTY: 20

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: TEST CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 PINT OF EACH COMPONENT UPDATED: 04/17/2019
CONTAINER1: 13 CONTAINER2:
MEASUREMENT---: DRYING TIME, CONTRAST RATIO, COLOR, GLOSS
REMARK---------: CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
SPECIFICATIONS: ART 1008.05

--- MATERIAL: 41580 PRIMER, BRIDGE, MOISTURE CURED URETHANE INTERMEDIATE GAL ( )
DESC1: DESC2: DESC3: SMALLQTY: 20

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: TEST CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 QUART UPDATED: 02/04/2020
CONTAINER1: 13 CONTAINER2:
MEASUREMENT---: DENSITY, VISCOSITY, DRYING TIME, TOTAL SOLIDS
REMARK---------: CAUTION SHOULD BE TAKEN AS SAMPLES WILL REACT WITH AIR AND WATER TO HARDEN-CONTACT DIST.MATLS TO VERIFY APPROVAL
SPECIFICATIONS: BDE SPEC PROV FOR MOISTURE CURE ZINC RICH SYSTEM

--- MATERIAL: 41581 PAINT, BRIDGE, MOISTURE CURED URETHANE, INTST GREEN (7.5G 4-8) GAL ( )
DESC1: DESC2: DESC3: SMALLQTY: 20

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: TEST CBM MATERIAL OWNER: AC
SAMPLE SIZE---: 1 QUART SAMPLE UPDATED: 04/17/2019
CONTAINER1: 13 CONTAINER2:
MEASUREMENT---: DRYING TIME, CONTRAST RATIO, COLOR, GLOSS
REMARK---------: CAUTION SHOULD BE TAKEN AS SAMPLES WILL REACT WITH AIR AND WATER TO HARDEN-CONTACT DIST.MATLS TO VERIFY APPROVAL
SPECIFICATIONS: BDE SPEC PROV FOR MOISTURE CURE ZINC RICH SYSTEM
---> MATERIAL: 41582 PAINT, BRIDGE, MOISTURE CURED URETHANE, REDDISH BROWN 7.5YR 3-4 GAL

DESC1: DESC2: DESC3: SMALLQTY: 20

METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: TEST CBM

SAMPLE SIZE: 1 QUART SAMPLE
CONTAINER1: 13 CONTAINER2:

MEASUREMENT: DRYING TIME, CONTRAST RATIO, COLOR, GLOSS

REMARK: CAUTION SHOULD BE TAKEN AS SAMPLES WILL REACT WITH AIR AND WATER TO HARDEN-CONTACT DIST. MATLS TO VERIFY APPROVAL

SPECIFICATIONS: BDE SPEC PROV FOR MOISTURE CURE ZINC RICH SYSTEM

---> MATERIAL: 41583 PAINT, BRIDGE, MOISTURE CURED URETHANE, BLUE (10B 3-6) 7 GAL

DESC1: DESC2: DESC3: SMALLQTY: 20

METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: TEST CBM

SAMPLE SIZE: 1 QUART SAMPLE
CONTAINER1: 13 CONTAINER2:

MEASUREMENT: DRYING TIME, CONTRAST RATIO, COLOR, GLOSS

REMARK: CAUTION SHOULD BE TAKEN AS SAMPLES WILL REACT WITH AIR AND WATER TO HARDEN-CONTACT DIST. MATLS TO VERIFY APPROVAL

SPECIFICATIONS: BDE SPEC PROV FOR MOISTURE CURE ZINC RICH SYSTEM

---> MATERIAL: 41584 PAINT, BRIDGE, MOISTURE CURED URETHANE, LIGHT GRAY (5B 7-1) 7 GAL

DESC1: DESC2: DESC3: SMALLQTY: 20

METHOD OF ACCEPTANCE: TEST
EVIDENCE OF INSPECTION: TEST CBM

SAMPLE SIZE: 1 QUART SAMPLE
CONTAINER1: 13 CONTAINER2:

MEASUREMENT: DRYING TIME, CONTRAST RATIO, COLOR, GLOSS

REMARK: CAUTION SHOULD BE TAKEN AS SAMPLES WILL REACT WITH AIR AND WATER TO HARDEN-CONTACT DIST. MATLS TO VERIFY APPROVAL

SPECIFICATIONS: BDE SPEC PROV FOR MOISTURE CURE ZINC RICH SYSTEM
--- MATERIAL: 42110  AIR-ENTRAINING ADMIXTURES, MASTERAIR VR 10    \[GAL\] (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: ART 1021.02

--- MATERIAL: 42129  AIR-ENTRAINING ADMIXTURE, MASTERAIR AE 200 \[GAL\] (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: ART 1021.02

--- MATERIAL: 42138  AIR-ENTRAINING ADMIXTURES, DAREX II \[GAL\] (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: ART 1021.02

--- MATERIAL: 42140  AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 90 \[GAL\] (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: ART 1021.02

--- MATERIAL: 42144  AIR-ENTRAINING ADMIXTURES, RSA-10 \[GAL\] (LITER) 
METHOD OF ACCEPTANCE---: QUAL 
EVIDENCE OF INSPECTION-: LIST 
MATERIAL OWNER: CN 
SAMPLE SIZE---: 1 QUART 
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  GAL (LITER )  
METHOD OF ACCEPTANCE---:  QUAL  
EVIDENCE OF INSPECTION:  LIST  
MATERIAL OWNER:  CN  
SAMPLE SIZE---:  1 QUART  
UPDATED:  11/07/2017  
CONTAINER1:  04  CONTAINER2:  13  
MEASUREMENT---:  FLOW, AIR, COMP ST, DCP  
REMARK--------:  
SPECIFICATIONS:  SEC 1019

-- MATERIAL: 42147  AIR-ENTRAINING ADMIXTURES, DARAVAIR 1400  GAL (LITER )  
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

-- MATERIAL: 42151  AIR-ENTRAINING ADMIXTURES, POLYCHEM AE  GAL (LITER )  
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

-- MATERIAL: 42153  AIR-ENTRAINING ADMIXTURES, EUCON AEA 92  GAL (LITER )  
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

-- MATERIAL: 42156  AIR-ENTRAINING ADMIXTURES, POLYCHEM VRC  GAL (LITER )  
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
| MATERIAL: | 42164 | AIR-ENTRAINING ADMIXTURES, SIKA AEA 14 | GAL (LITER) |
| DESC1: | DESC2: | DESC3: | SMALLQTY: |
| 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 |

| MATERIAL: | 42165 | AIR-ENTRAINING ADMIXTURES, POLYCHEM SA | GAL (LITER) |
| DESC1: | DESC2: | DESC3: | SMALLQTY: |
| 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 |

| MATERIAL: | 42169 | AIR-ENTRAINING ADMIXTURES, TERAPAVE AEA | GAL (LITER) |
| DESC1: | DESC2: | DESC3: | SMALLQTY: |
| 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: | ART 1021.02 |

| MATERIAL: | 42172 | AIR-ENTRAINING ADMIXTURES, CONAIR | GAL (LITER) |
| DESC1: | DESC2: | DESC3: | SMALLQTY: |
| 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: | ART 1021.02 |

| MATERIAL: | 42173 | AIR-ENTRAINING ADMIXTURES, CONAIR 260 | GAL (LITER) |
| DESC1: | DESC2: | DESC3: | SMALLQTY: |
| 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: | ART 1021.02 |
--- MATERIAL: 42177 AIR-ENTRAINING ADMIXTURES, CHRYSO AIR 260
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: ART 1021.02

--- MATERIAL: 42180 AIR-ENTRAINING ADMIXTURES, Sika Multi Air 25
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: ART 1021.02

--- MATERIAL: 42181 AIR-ENTRAINING ADMIXTURES, POLYCHEM SA-50
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: ART 1021.02

--- MATERIAL: 42182 AIR-ENTRAINING ADMIXTURES, MasterAir AE 400
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: ART 1021.02

--- MATERIAL: 42184 AIR-ENTRAINING ADMIXTURES, Sika Air 260
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: ART 1021.02
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--- MATERIAL: 42185  AIR-ENTRAINING ADMIXTURES, Sika Air 360
  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: ART 1021.02

--- MATERIAL: 42187  AIR-ENTRAINING ADMIXTURES, Euclid Eucon Easy Fill, CLSM ONLY
  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---: FLOW, AIR, COMP ST, DCP
  REMARK--- : SPECIFICATIONS: SEC 1019

--- MATERIAL: 42189  AIR-ENTRAINING ADMIXTURES, Daravair AT30
  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: ART 1021.02

--- MATERIAL: 42190  AIR-ENTRAINING ADMIXTURES, Sika Lightcrete Powder, CLSM ONLY
  LB (KG )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 BAG
  UPDATED: 11/08/2017
  CONTAINER1:  12  CONTAINER2:  11
  MEASUREMENT---: FLOW, AIR, COMP ST, DCP
  REMARK--- : SPECIFICATIONS: SEC 1019

--- MATERIAL: 42191  AIR-ENTRAINING ADMIXTURES, Russian Flo, CLSM ONLY
  LB (KG )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION---: LIST
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 BAG
  UPDATED: 11/08/2017
  CONTAINER1:  04  CONTAINER2:  13
  MEASUREMENT---: FLOW, AIR, COMP ST, DCP
  REMARK--- : SPECIFICATIONS: SEC 1019
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>MEASUREMENTS</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>42192</td>
<td>Air-entraining admixtures, Mastercell 25, CLSM Only</td>
<td>LB (KG)</td>
<td>Flow, Air, Comp ST, DCP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42193</td>
<td>Air-entraining admixtures, Eucon AEA 92S</td>
<td>GAL (LITER)</td>
<td>NVC, SPG, PH, IR, Air, Slump, Set Time, Comp ST, FLEX ST, FT, CL Cont</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42194</td>
<td>Air-entraining admixtures, Airalon 3000</td>
<td>GAL (LITER)</td>
<td>NVC, SPG, PH, IR, Air, Slump, Set Time, Comp ST, FLEX ST, FT, CL Cont</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42195</td>
<td>Air-entraining admixtures, Airalon 7000</td>
<td>GAL (LITER)</td>
<td>NVC, SPG, PH, IR, Air, Slump, Set Time, Comp ST, FLEX ST, FT, CL Cont</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42196</td>
<td>Air-entraining admixtures, Sikacontrol Air 160</td>
<td>GAL (LITER)</td>
<td>NVC, SPG, PH, IR, Air, Slump, Set Time, Comp ST, FLEX ST, FT, CL Cont</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--- 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: 
MEASUREMENT: PH, ODOR, SEDIMENT, ORGANIC SOLIDS, INORGANIC SOLIDS, CHLORIDE, SULFATES, UNSOUND, INT & FIN SET TIME, STREN
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
<table>
<thead>
<tr>
<th>Material ID</th>
<th>Material Description</th>
<th>Quantity</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Owner</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>42702</td>
<td>Epoxy Resin, Bonding Adhesive</td>
<td>GAL (LITER)</td>
<td>CERT</td>
<td>CERT</td>
<td>CN</td>
<td>05, 12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 1025.01</td>
</tr>
<tr>
<td>42725</td>
<td>Concrete Sealer, Penetrating</td>
<td>GAL (LITER)</td>
<td>QUAL</td>
<td>LIST</td>
<td>CN</td>
<td>04, 01</td>
<td></td>
<td></td>
<td>SPG, IR, SALT SCALING</td>
<td></td>
<td>SEC 1026</td>
</tr>
<tr>
<td>42726</td>
<td>Concrete Sealer, Film Forming</td>
<td>GAL (LITER)</td>
<td>QUAL</td>
<td>LIST</td>
<td>CN</td>
<td>01, 04</td>
<td></td>
<td></td>
<td>SPG, IR, SALT SCALING</td>
<td></td>
<td>SEC 1026</td>
</tr>
<tr>
<td>42728</td>
<td>Polymeric Resin, Crack Filler, High Friction Surf Treatment</td>
<td>GAL (LITER)</td>
<td>CERT</td>
<td>CERT</td>
<td>MT</td>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
<td>CRACK FILLING MATERIALS FOR HIGH FRICTION SURFACE TREATMENT CERT IS COMPATABILITY APPROVAL LETTER FROM RESIN MANUFACTURER</td>
<td>SPEC PROV FOR HIGH FRICTION SURFACE TREATMENT</td>
</tr>
<tr>
<td>42751</td>
<td>Chemical Adhesive, Cartridge</td>
<td>GAL (LITER)</td>
<td>QUAL</td>
<td>LIST</td>
<td>MT</td>
<td>3 CARTRIDGE &amp; APPLICATORS</td>
<td></td>
<td></td>
<td>PULL-OUT STRENGTH, COMPRESSIVE STRENGTH, HORIZONTAL INSTALLATION WITHOUT RUNOUT</td>
<td>RANDOM SAMPLES WHEN DIRECTED</td>
<td>ART 1027.01</td>
</tr>
</tbody>
</table>
--> MATERIAL: 42752 CHEMICAL ADHESIVE, CAPSULE
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
SAMPLE SIZE---: 6 CAPSULES 5/8" DIA
CONTAINER1: CONTAINER2:
MEASUREMENT---: PULL-OUT STRENGTH
REMARK------- : RANDOM SAMPLES WHEN DIRECTED
SPECIFICATIONS: ART 1027.01

--> MATERIAL: 43018 MEMBRANE CURING COMPOUND, TYPE I, WATER
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST
SAMPLE SIZE---: 1 QUART
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NON-VAOILATE, SPECIFIC GRAVITY, WATER LOSS, DRYING
REMARK------- : MATERIAL IS AGE SENSITIVE, RESAMPLE MAY BE REQUIRED
PROD MUST MEET SUBMITAL FOR LOT TESTNG & APROVAL B4 TEST
SPECIFICATIONS: ART 1022.01

--> MATERIAL: 43020 MEMBRANE CURING COMPOUND, TYPE I, LINSEED OIL EMULSION
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST
SAMPLE SIZE---: 1 QUART
CONTAINER1: 13 CONTAINER2:
MEASUREMENT---: NON-VAOILATE, SPG, WATER LOSS
OIL AND WATER PHASE
REMARK------- : MATERIAL IS AGE SENSITIVE, RESAMPLE MAY BE REQUIRED
PROD MUST MEET SUBMITAL FOR LOT TESTNG & APROVAL B4 TEST
SPECIFICATIONS: ART 1022.01

--> MATERIAL: 43119 MEMBRANE CURING COMPOUND, TYPE II, WATER
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST
SAMPLE SIZE---: 1 QUART
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NON-VAOILATE, SPECIFIC GRAVITY, WATER LOSS, DRYING
REMARK------- : MATERIAL IS AGE SENSITIVE, RESAMPLE MAY BE REQUIRED
PROD MUST MEET SUBMITAL FOR LOT TESTNG & APROVAL B4 TEST
SPECIFICATIONS: ART 1022.01

--> MATERIAL: 43230 MEMBRANE CURING COMPOUND, TYPE III, WATER
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST
SAMPLE SIZE---: 1 QUART
CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NON-VAOILATE, SPECIFIC GRAVITY, WATER LOSS, DRYING, REFLECTANCE
REMARK------- : MATERIAL IS AGE SENSITIVE, RESAMPLE MAY BE REQUIRED
PROD MUST MEET SUBMITAL FOR LOT TESTNG & APROVAL B4 TEST
SPECIFICATIONS: ART 1022.01
--- MATERIAL: 43403 ADDITIVE, PAVE 192  
DESCL:  
DESC2:  
DESC3:  
SMALLQTY:  .  
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: 43405 ADDITIVE, DRIFT CONTROL  
DESCL:  
DESC2:  
DESC3:  
SMALLQTY:  .  
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  
DESCL:  
DESC2:  
DESC3:  
SMALLQTY:  .  
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  
DESCL:  
DESC2:  
DESC3:  
SMALLQTY:  .  
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  
DESCL:  
DESC2:  
DESC3:  
SMALLQTY:  .  
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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--- 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>AMOUNT</th>
<th>CONTAINER</th>
<th>CONTAINER SIZE</th>
<th>DESCRIPTION</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>43466</td>
<td>GAL (GAL)</td>
<td>CONTAINER1: 01</td>
<td>1 PINT</td>
<td>ADDITIVE, KLINGBETA 2700</td>
<td>TEST</td>
<td>DPR</td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td>ART 1030.04 (C), 1030.05 (D) 2 C</td>
</tr>
<tr>
<td>43468</td>
<td>GAL (LITER)</td>
<td>CONTAINER1: 01</td>
<td>1 PINT</td>
<td>ADDITIVE, AD-HERE LOF 65-00 LS</td>
<td>TEST</td>
<td>DPR</td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td>ART 1030.04 (C), 1030.05 (D) 2 C</td>
</tr>
<tr>
<td>43469</td>
<td>GAL (LITER)</td>
<td>CONTAINER1: 01</td>
<td>1 PINT</td>
<td>ADDITIVE, AD-HERE LOF 65-00</td>
<td>TEST</td>
<td>DPR</td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td>ART 1030.04 (C), 1030.05 (D) 2 C</td>
</tr>
<tr>
<td>43477</td>
<td>GAL (LITER)</td>
<td>CONTAINER1: 01</td>
<td>1 PINT</td>
<td>ADDITIVE, MORLIFE 3300</td>
<td>TEST</td>
<td>DPR</td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td>ART 1030.04 (C), 1030.05 (D) 2 C</td>
</tr>
<tr>
<td>43478</td>
<td>GAL (LITER)</td>
<td>CONTAINER1: 01</td>
<td>1 PINT</td>
<td>ADDITIVE, AD-HERE 66-01 LS</td>
<td>TEST</td>
<td>DPR</td>
<td>PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE</td>
<td>ART 1030.04 (C), 1030.05 (D) 2 C</td>
</tr>
<tr>
<td>MATERIAL ID</td>
<td>ADDITIVE NAME</td>
<td>QTY UNITS</td>
<td>SPECIFICATIONS</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>
<td></td>
</tr>
<tr>
<td>43479</td>
<td>ADDITIVE, PERMA-TAC PLUS</td>
<td>GAL (LITER)</td>
<td>REPORTED: 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>43485</td>
<td>ADDITIVE, KLING BETA 2912</td>
<td>GAL (LITER)</td>
<td>REPORTED: 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>43487</td>
<td>ADDITIVE, VISURF 129-A</td>
<td>GAL (LITER)</td>
<td>REPORTED: 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>43488</td>
<td>ADDITIVE, AD-HERE 77-00</td>
<td>GAL (LITER)</td>
<td>REPORTED: 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>43491</td>
<td>ADDITIVE, CORSABOND 300</td>
<td>GAL (LITER)</td>
<td>REPORTED: 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL GROUP: 420 CHEMICAL

#### MATERIAL: 43493
**ADDITIVE, AD-HERE 250**
**GAL (LITER)**
- DESC1: **METHOD OF ACCEPTANCE**: TEST
- DESC2: **EVIDENCE OF INSPECTION**: DPR TEST
- DESC3: **SMALLQTY**: .
- MATERIAL OWNER: BM
- SAMPLE SIZE: 1 PINT
- UPDATED: 11/15/2017

#### MATERIAL: 43494
**ADDITIVE, HYPER 129-A**
**GAL (LITER)**
- DESC1: **METHOD OF ACCEPTANCE**: TEST
- DESC2: **EVIDENCE OF INSPECTION**: DPR TEST
- DESC3: **SMALLQTY**: .
- MATERIAL OWNER: BM
- SAMPLE SIZE: 1 PINT
- UPDATED: 11/15/2017

#### MATERIAL: 43495
**ADDITIVE, CELLULOSE FIBERS**
**LB (KG)**
- DESC1: **METHOD OF ACCEPTANCE**: CERT
- DESC2: **EVIDENCE OF INSPECTION**: CERT
- DESC3: **SMALLQTY**: .
- MATERIAL OWNER: BM
- SAMPLE SIZE: 
- UPDATED: 02/27/2017

#### MATERIAL: 43496
**ADDITIVE, MINERAL FIBERS**
**LB (KG)**
- DESC1: **METHOD OF ACCEPTANCE**: CERT
- DESC2: **EVIDENCE OF INSPECTION**: CERT
- DESC3: **SMALLQTY**: .
- MATERIAL OWNER: BM
- SAMPLE SIZE: 
- UPDATED: 02/27/2017

#### MATERIAL: 43497
**ADDITIVE, RUBBER, POUNDS**
**LB (KG)**
- DESC1: **METHOD OF ACCEPTANCE**: CERT
- DESC2: **EVIDENCE OF INSPECTION**: CERT
- DESC3: **SMALLQTY**: .
- MATERIAL OWNER: BM
- SAMPLE SIZE: 
- UPDATED: 02/27/2017

**SPECIFICATIONS:** AS ESTABLISHED IN "MANUAL OF TEST PROCEDURES FOR MATERIALS"
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

---> 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 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 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 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 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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--- 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


METHOD OF ACCEPTANCE---: QUAL EVIDENCE OF INSPECTION--: LIST

MATERIAL GROUP: 420 CHEMICAL

MATERIAL OWNER: CN

SAMPLE SIZE---:

CONTAINER1: 12 CONTAINER2: 11

UPDATED: 11/08/2017

MEASUREMENT---:

REMARR-- : PRODUCTION TSR SAMPLE RUN BY IDOT FOR ACCEPTANCE

TSR IN MISTIC - TENSILE STRENGTH ARE ON FILE IN DISTRICT

SPECIFICATIONS: RECURRING SPEC 20170410

-- MATERIAL: 43516  ADDITIVE, PAVEGRIP 550


METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION--: DPR TEST

MATERIAL GROUP: 420 CHEMICAL

MATERIAL OWNER: BM

SAMPLE SIZE---:

CONTAINER1: 01 CONTAINER2: 01

UPDATED: 11/15/2017

MEASUREMENT---: STRIPPING/COATING

TSR - IL MOD AASHTO T283

REMARR-- : 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


METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION--: DPR TEST

MATERIAL GROUP: 420 CHEMICAL

MATERIAL OWNER: BM

SAMPLE SIZE---:

CONTAINER1: 01 CONTAINER2: 01

UPDATED: 11/15/2017

MEASUREMENT---: STRIPPING/COATING

TSR - IL MOD AASHTO T283

REMARR-- : 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


METHOD OF ACCEPTANCE---: TEST EVIDENCE OF INSPECTION--: DPR TEST

MATERIAL GROUP: 420 CHEMICAL

MATERIAL OWNER: BM

SAMPLE SIZE---:

CONTAINER1: 01 CONTAINER2: 01

UPDATED: 11/15/2017

MEASUREMENT---: STRIPPING/COATING

TSR - IL MOD AASHTO T283

REMARR-- : 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


METHOD OF ACCEPTANCE---: CERT EVIDENCE OF INSPECTION--: CERT

MATERIAL GROUP: 420 CHEMICAL

MATERIAL OWNER: BC

SAMPLE SIZE---:

CONTAINER1: 08 CONTAINER2: 08

UPDATED: 11/15/2017

MEASUREMENT---:

REMARR-- : USED AS SUBSTITUTE FOR MATERIAL CODE 62006

SPECIFICATIONS: CHECK SHEET 29, 30, 31 OR LR451
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

---> MATERIAL: 43520 ADDITIVE, MORLIFE 5000 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: 43521 ADDITIVE, PAVEGRIP 519 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: 43522 ADDITIVE, EVOTHERM M1 GAL (LITER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 1 PINT UPDATED: 02/07/2020
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: 43523 ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, NON-STRUCTURAL LB (KG )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION---: LIST MATERIAL OWNER: CN
SAMPLE SIZE---:
CONTAINER1: 12 CONTAINER2: 11
MEASUREMENT---:
REMARK------- :
SPECIFICATIONS: SEC 606

---> MATERIAL: 43524 ADDITIVE, PAVEGRIP 529 GAL (LITER )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: DPR TEST MATERIAL OWNER: BM
SAMPLE SIZE---: 1 PINT UPDATED: 06/27/2013
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: 43525  ADDITIVE, POLYESTER FIBERS  LB ( )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION: CERT
   MATERIAL OWNER: BC
   SAMPLE SIZE---:
   CONTAINER1:  CONTAINER2:  UPDATED: 12/06/2019
   MEASUREMENT---:
   REMARK-------:
   SPECIFICATIONS: ART 1050.05 FIBER MODIFIED JOINT SEALER
   SUPPLEMENTAL SPECIFICATIONS

---> MATERIAL: 43526  ADDITIVE, SURFACTANT, NON-IONIC  GAL ( )
   METHOD OF ACCEPTANCE---: VIS
   EVIDENCE OF INSPECTION: MARK VIS
   MATERIAL OWNER: AC
   SAMPLE SIZE---:
   CONTAINER1:  CONTAINER2:  UPDATED: 03/16/2021
   MEASUREMENT---:
   REMARK-------:
   SPECIFICATIONS: CONTRACT SPEC PROV

---> MATERIAL: 43602  ADDITIVE, FOAMING AGENT FOR CELLULAR CONC, CRETEFOAM CMX  GAL (LITER )
   METHOD OF ACCEPTANCE---: QUAL
   EVIDENCE OF INSPECTION: LIST
   MATERIAL OWNER: CN
   SAMPLE SIZE---: 1 QUART
   CONTAINER1:  CONTAINER2:  13
   MEASUREMENT---: IR
   REMARK-------:
   SPECIFICATIONS: SEC 543

---> MATERIAL: 43603  ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, AERLITE  GAL (LITER )
   METHOD OF ACCEPTANCE---: QUAL
   EVIDENCE OF INSPECTION: LIST
   MATERIAL OWNER: CN
   SAMPLE SIZE---: 1 QUART
   CONTAINER1:  CONTAINER2:  13
   MEASUREMENT---: IR
   REMARK-------:
   SPECIFICATIONS: SEC 543

---> MATERIAL: 43604  ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, ELASTIZEL JLE  GAL (LITER )
   METHOD OF ACCEPTANCE---: QUAL
   EVIDENCE OF INSPECTION: LIST
   MATERIAL OWNER: CN
   SAMPLE SIZE---: 1 QUART
   CONTAINER1:  CONTAINER2:  13
   MEASUREMENT---: IR
   REMARK-------:
   SPECIFICATIONS: SEC 543
-- MATERIAL: 43700  CHEM ADMIXTURE, LATEX EMULSION  GAL (LITER )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION-: CERT
  MATERIAL OWNER: CN
  SAMPLE SIZE---: 1 QUART
  UPDATED: 03/04/2021
  CONTAINER1:  CONTAINER2:  
  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  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: 43711  CHEM ADMIXTURE, AASHTO M194, TY A,  MASTERPOZZOLITH 80  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: 43714  CHEM ADMIXTURE, AASHTO M194, TY A,  PLASTOCRETE 161  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: 43719  CHEM ADMIXTURE, AASHTO M194, TY B, D,  MASTERSET R 100  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: 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---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43724 CHEM ADMIXTURE, AASHTO M194, TYC, 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---: NVC, 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---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43740 CHEM ADMIXTURE, AASHTO M194, TF, 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---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.
REMARK------- :
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43743 CHEM ADMIXTURE, AASHTO M194, TF, 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---: 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: 43746 CHEM ADMIXTURE, AASHTO M194, TY F, MASTERRHEOBUILD 1000 GAL (LITER)
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: SEC 1021

--> MATERIAL: 43753 CHEM ADMIXTURE, AASHTO M194, TY A, MASTERPOZZOLITH 322 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: 43755 CHEM ADMIXTURE, AASHTO M194, TY A, MASTERPOLYHEED 997 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: 43757 CHEM ADMIXTURE, AASHTO M194, TY B, D, MASTERSET DELVO 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: 43758 CHEM ADMIXTURE, AASHTO M194, TY B,D, RECOVER 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
<table>
<thead>
<tr>
<th>MATERIAL GROUP: 420 CHEMICAL</th>
</tr>
</thead>
</table>

### MATERIAL: 43761 CHEM ADMIXTURE, AASHTO M194, TY C, E, LCNC-166

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>GAL (LITER)</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>GAL (LITER)</td>
<td>SMALLQTY:</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE: QUAL**

**EVIDENCE OF INSPECTION: LIST**

**MATERIAL OWNER: CN**

**SAMPLE SIZE: 2 GAL**

**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: SEC 1021**

### MATERIAL: 43762 CHEM ADMIXTURE, AASHTO M194, TY B, D, LC-400R

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>GAL (LITER)</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>GAL (LITER)</td>
<td>SMALLQTY:</td>
</tr>
</tbody>
</table>

**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: SEC 1021**

### MATERIAL: 43764 CHEM ADMIXTURE, AASHTO M194, TY C, POLARSET

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>GAL (LITER)</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>GAL (LITER)</td>
<td>SMALLQTY:</td>
</tr>
</tbody>
</table>

**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: SEC 1021**

### MATERIAL: 43769 CHEM ADMIXTURE, AASHTO M194M, TY A, POLYCHEM 400NC

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>GAL (LITER)</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>GAL (LITER)</td>
<td>SMALLQTY:</td>
</tr>
</tbody>
</table>

**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: SEC 1021**

### MATERIAL: 43770 CHEM ADMIXTURE, AASHTO M194, TY A, F, MELCHEM

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DESC3:</th>
<th>GAL (LITER)</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>GAL (LITER)</td>
<td>SMALLQTY:</td>
</tr>
</tbody>
</table>

**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: 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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)
    DESC1: 
    DESC2: 
    DESC3: 
    SMALLQTY: .
    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)
    DESC1: 
    DESC2: 
    DESC3: 
    SMALLQTY: .
    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)
    DESC1: 
    DESC2: 
    DESC3: 
    SMALLQTY: .
    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)
    DESC1: 
    DESC2: 
    DESC3: 
    SMALLQTY: .
    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)
    DESC1: 
    DESC2: 
    DESC3: 
    SMALLQTY: .
    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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--> MATERIAL: 43797  CHEM ADMIXTURE, AASHTO M194, TY A, FINISHEASE-NC  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: 43798  CHEM ADMIXTURES, AASHTO M194, TY C, CI RUSSTECH RC  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: 43800  CHEM ADMIXTURE,AASHTO M194,TY F  EUCON 1037  GAL ( )
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: 43801  CHEM ADMIXTURE, CI,  POLYCHEM CI  GAL ( )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION-: LIST
MATERIAL OWNER: CN
SAMPLE SIZE---:  1 QUART
UPDATED: 09/03/2020
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: 43803  CHEM ADMIXTURE, AASHTO M194, TY F, SCC, SUPER FLOW 2000 RM  GAL ( )
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: 43805  CHEM ADMIXTURE, AASHTO M194, TY C, SIKA CNI GAL (LITER )

METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN

SAMPLE SIZE---: 1 QUART
UPDATED: 01/21/2021

CONTAINER1: 04 CONTAINER2: 13
MEASUREMENT---: NVC, SPG, PH, IR, AIR, SLUMP, SET TIME, COMP ST, FLEX ST, FT, CL CONT.

SPECIFICATIONS: SEC 1021

-- MATERIAL: 43809  CHEM ADMIXTURE, AASHTO M194, TY F, VISCOCRETE 6100 GAL ( )

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: 43810  CHEM ADMIXTURE, AASHTO M194, TY F, POLYCHEM 3000 GAL ( )

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: 43817  CHEM ADMIXTURE, AASHTO M194, TY F, SCC, MASTERGLENIUM 3400 GAL ( )

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: 43818  CHEM ADMIXTURE, AASHTO M194, TY S, MASTERMATRIX VMA 362 GAL ( )

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 GROUP: 420 CHEMICAL

---> MATERIAL: 43820 CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,VISOCRETE 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)
  DESC1:  DESC2:  DESC3:  SMALLQTY: 
  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: 43833 CHEM ADMIXTURE, AASHTO M194, TY A, VISCOCRETE 4100 GAL (LITER)
  DESC1:  DESC2:  DESC3:  SMALLQTY: 
  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: 43836 CHEM ADMIXTURE, AASHTO M194, TY F, ADVACAST 575 GAL (LITER)
  DESC1:  DESC2:  DESC3:  SMALLQTY: 
  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: 43837 CHEM ADMIXTURE, AASHTO M194, TY A, POLYHEED 1720 GAL (LITER)
  DESC1:  DESC2:  DESC3:  SMALLQTY: 
  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: 43850 CHEM ADMIXTURE, CI MASTERLIFE CL 222 GAL (LITER)
  DESC1:  DESC2:  DESC3:  SMALLQTY: 
  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
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
SAMPLE SIZE---:  1 QUART
UPDATED: 11/08/2017
MATERIAL OWNER: CN
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, EUCON CIA   GAL (LITER )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION--:  LIST
SAMPLE SIZE---:  1 QUART
UPDATED: 11/08/2017
MATERIAL OWNER: CN
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, B, ZYLA 630   GAL (LITER )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION--:  LIST
SAMPLE SIZE---:  1 QUART
UPDATED: 01/30/2018
MATERIAL OWNER: CN
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
SAMPLE SIZE---:  1 QUART
UPDATED: 11/08/2017
MATERIAL OWNER: CN
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
SAMPLE SIZE---:  1 QUART
UPDATED: 11/08/2017
MATERIAL OWNER: CN
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: 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
  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
  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, F, EUCON MRX 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: 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
  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
  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 )
  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: 43887  CHEM ADMIXTURE, AASHTO M194, TY F,  ULTRAFLO 2000  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: 43890  CHEM ADMIXTURE, AASHTO M194, TY F,  ULTRAFLO DP  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: 43894  CHEM ADMIXTURE, AASHTO M194, TY F, SCC, MASTERGLENIUM 7700  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: 43899  CHEM ADMIXTURE, AASHTO M194, TY A,  CHRYSO PLAST P150  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
MANUAL FOR MATERIALS INSPECTION - PART 2
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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL


-- MATERIAL: 43915  CHEM ADMIXTURE, AASHTO M194, TY F, SCC, MASTERGELENIUM 7511  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: 43916  CHEM ADMIXTURE, AASHTO M194, TY B, D, MASTERSSET R 300  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: 43917  CHEM ADMIXTURE, AASHTO M194, TY A, F, ADVA 140M  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: 43920  CHEM ADMIXTURE, AASHTO M194, TY A, F, EVO 2500  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: 43922  CHEM ADMIXTURE, AASHTO M194, TY A, KB-1200  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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--> MATERIAL: 43923 CHEM ADMIXTURE, AASHTO M194, TY A, F, ADVACAST 600 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

--> MATERIAL: 43924 CHEM ADMIXTURE, AASHTO M194, TY B, SIKATARD 440 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

--> MATERIAL: 43925 CHEM ADMIXTURE, AASHTO M194, TY A, F, VISCOCRETE 1000 GAL (LITER)
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
SAMPLE SIZE: 1 QUART
UPDATED: 01/21/2021
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: 43926 CHEM ADMIXTURE, AASHTO M194, TY C, DARASET 442 GAL (LITER)
METHOD OF ACCEPTANCE: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: CN
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: 43927 CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSO ENVIROMIX 728 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
--> MATERIAL: 43929  CHEM ADMIXTURE, AASHTO M194, TY A, SIKAPLAST 200  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

--> MATERIAL: 43930  CHEM ADMIXTURE, AASHTO M194, TY F, SIKAMENT SPMN  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

--> MATERIAL: 43933  CHEM ADMIXTURE, AASHTO M194, TY F, POLYCHEM SPC  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

--> MATERIAL: 43935  CHEM ADMIXTURE, AASHTO M194, TY C, E, SIKASET NC-4  GAL (LITER )
METHOD OF ACCEPTANCE---:  QUAL
EVIDENCE OF INSPECTION--:  LIST
MATERIAL OWNER: CN
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 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: 43937  CHEM ADMIXTURE, AASHTO M194, TY F,  PC-441  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

--- MATERIAL: 43938  CHEM ADMIXTURE, AASHTO M194, TY F,  ADVACAST 585  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

--- MATERIAL: 43939  CHEM ADMIXTURE, AASHTO M194, TY F,  MASTERGLENIUM 7710  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

--- MATERIAL: 43940  CHEM ADMIXTURE, AASHTO M194, TY S,  EUCON ABS  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

--- MATERIAL: 43941  CHEM ADMIXTURE, AASHTO M194, TY A,  OPTIFLO 700  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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--> MATERIAL: 43942  CHEM ADMIXTURE, AASHTO M194, TY A, ULTRAFLO 5600 GAL (LITER )
   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: 43943  CHEM ADMIXTURE, AASHTO M194, TY A, CHRYSOFLO PREMIA198 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

--> MATERIAL: 43944  CHEM ADMIXTURE, AASHTO M194, TY A, CHRYSOFLO OPTIMA258EMX 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

--> MATERIAL: 43945  CHEM ADMIXTURE, AASHTO M194, TY D, CHRYSO CONTROL SET 125 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

--> MATERIAL: 43946  CHEM ADMIXTURE, AASHTO M194, TY C, OZ-SET 2 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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--- MATERIAL: 43947 CHEM ADMIXTURE, AASHTO M194, TY F, SCC, MASTERGLENIUM 7920 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: 43948 CHEM ADMIXTURE, AASHTO M194, TY B, D, EUCON STASIS 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

--- MATERIAL: 43950 CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,PLASTOL 6400 GAL (LITER)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
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

--- MATERIAL: 43951 CHEM ADMIXTURE, AASHTO M194, TY F, SCC,PLASTOL ULTRA 209 GAL (LITER)
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION--: LIST
MATERIAL OWNER: CN
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

--- MATERIAL: 43953 CHEM ADMIXTURE, AASHTO M194, TY A, ZYLA 640 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
REMARK------- :
SPECIFICATIONS: SEC 1021
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 420 CHEMICAL

--- MATERIAL: 43954 CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 95 GAL (LITER)
  DESCl:  DESC2:  DESC3:  SMALLQTY:  
  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
REMARK-------:
SPECIFICATIONS: SEC 1021

--- MATERIAL: 43955 CHEM ADMIXTURE, AASHTO M194, TY A, ADVA XT2 GAL (LITER)
  DESCl:  DESC2:  DESC3:  SMALLQTY:  
  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: 43956 CHEM ADMIXTURE, AASHTO M194, TY A, DWR 385 GAL ( )
  DESCl:  DESC2:  DESC3:  SMALLQTY:  
  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: 43957 CHEM ADMIXTURE, AASHTO M194, TY A, SCC, SUPERFLO 1443 GAL ( )
  DESCl:  DESC2:  DESC3:  SMALLQTY:  
  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: 43958 CHEM ADMIXTURE, AASHTO M194, TY A, DNL 485 GAL ( )
  DESCl:  DESC2:  DESC3:  SMALLQTY:  
  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
<table>
<thead>
<tr>
<th>Material ID</th>
<th>Material Description</th>
<th>Container Volume</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>43959</td>
<td>Chem Admixture, AASHTO M194, TY C, DNS 166</td>
<td>GAL</td>
<td>Qual</td>
<td>List</td>
<td>1 Quart</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>SEC 1021</td>
</tr>
<tr>
<td>43960</td>
<td>Chem Admixture, AASHTO M194, TY A, DNL 785</td>
<td>GAL</td>
<td>Qual</td>
<td>List</td>
<td>1 Quart</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>SEC 1021</td>
</tr>
<tr>
<td>43961</td>
<td>Chem Admixture, AASHTO M194, TY B, ProLong L</td>
<td>GAL</td>
<td>Qual</td>
<td>List</td>
<td>1 Quart</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>SEC 1021</td>
</tr>
<tr>
<td>43962</td>
<td>Chem Admixture, AASHTO M194, TY B, G, Optiflo N2A</td>
<td>GAL</td>
<td>Qual</td>
<td>List</td>
<td>1 Quart</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>SEC 1021</td>
</tr>
<tr>
<td>43963</td>
<td>Chem Admixture, AASHTO M194, TY E, Nitrocast NC</td>
<td>GAL</td>
<td>Qual</td>
<td>List</td>
<td>1 Quart</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>SEC 1021</td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
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
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: 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
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
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:
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:
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:
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
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
SAMPLE SIZE---: FIELD INSPECTION
UPDATED: 04/10/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., CORRUG. DPTH & PITCH, 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

---> MATERIAL: 45204 TEE, CIRC CIRCUM 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., 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

---> MATERIAL: 45205 ELBOW, CIRC CIRCUM, 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., 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

---> MATERIAL: 45209 ELBOW, CIRC CIRCUM PRECOATED 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., CORRUG. DPTH & PTCH, RVT. SZE & SPAC., WT. OF COATING
REMARK------- : PROCESS CONTROL ACCORDING TO AASHTO.
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01

---> MATERIAL: 45215 PIPE, CIRC, CIRCUM, ALUM-COATED 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 COATING (MAGNETIC GAGE)
REMARK------- : PROCESS CONTROL ACCORDING TO AASHTO.
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.01, AASHTO M 274

---> MATERIAL: 45301 PIPE, CIRC, HELI 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---: 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: 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)
DESC1: 14 DESC2: DESC3: 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---: 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)
DESC1: 33 DESC2: 16 DESC3: 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---: 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)
DESC1: 14 DESC2: 55 DESC3: 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., 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)
DESC1: 14 DESC2: DESC3: 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---: 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)
DESC1: 14 DESC2: 55 DESC3: 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---: 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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

--- MATERIAL: 45401 PIPE ARCH, CIRCUM CORR, GALV. 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., RISE & SPAN MEAS., CORRUG. DPHT & 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
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. DPHT & 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
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. DPHT & 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
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, RECROSS END ANNULAR, GALV. 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., 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

--- MATERIAL: 45509 PIPE ARCH, HELI CORR, OVAL, GALV. 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., 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, REC CORR 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, HELI CORR, REC CORR 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
### MATERIAL: 45703  PIPE, UNDERDRAIN, CIRCUM CORR, PERF, PRECOATED STEEL

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>UPDATED</th>
<th>MATERIAL OWNER</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td></td>
<td></td>
<td>.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| METHOD OF ACCEPTANCE: CERT  
EVIDENCE OF INSPECTION: CERT ILOK LA15 |

<table>
<thead>
<tr>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIELD INSPECTION</td>
<td>DIM., CORRUG. DPTH &amp; PTCH, RVT. SZE &amp; SPAC., WT OF COAT, DIA., SZE &amp; SPAC. OF PERFORATIONS</td>
<td>PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES</td>
<td>ART 1006.01, AASHTO M 245</td>
</tr>
</tbody>
</table>

### MATERIAL: 45901  END SECTIONS, CIRCULAR, METAL

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>UPDATED</th>
<th>MATERIAL OWNER</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td></td>
<td></td>
<td>.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| METHOD OF ACCEPTANCE: CERT  
EVIDENCE OF INSPECTION: CERT ILOK LA15 |

<table>
<thead>
<tr>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIELD INSPECTION</td>
<td>DIM., CORRUG. DPTH &amp; PTCH, RVT. SZE &amp; SPAC., WT OF COAT. (MAGNETIC GAGE)</td>
<td>PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES</td>
<td>ART 1006.01, AASHTO M 36, HWY STD</td>
</tr>
</tbody>
</table>

### MATERIAL: 45902  END SECTIONS, PIPE ARCH, METAL

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>UPDATED</th>
<th>MATERIAL OWNER</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td></td>
<td></td>
<td>.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| METHOD OF ACCEPTANCE: CERT  
EVIDENCE OF INSPECTION: CERT ILOK LA15 |

<table>
<thead>
<tr>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIELD INSPECTION</td>
<td>DIM., CORRUG. DPTH &amp; PTCH, RVT. SZE &amp; SPAC., WT OF COAT. (MAGNETIC GAGE)</td>
<td>PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES</td>
<td>ART 1006.01, AASHTO M 36, HWY STD</td>
</tr>
</tbody>
</table>

### MATERIAL: 46001  GATE, AUTOMATIC FLAP

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>UPDATED</th>
<th>MATERIAL OWNER</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td></td>
<td></td>
<td>.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| METHOD OF ACCEPTANCE: CERT  
EVIDENCE OF INSPECTION: CERT ILOK LA15 |

<table>
<thead>
<tr>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIELD INSPECTION</td>
<td>DIMENSIONS</td>
<td>PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES</td>
<td>ART 1044.01, AASHTO M 126 CLASS B</td>
</tr>
</tbody>
</table>

### MATERIAL: 46103  PIPE ARCH, PLATE, CORR, GALV. STEEL

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>UPDATED</th>
<th>MATERIAL OWNER</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>16</td>
<td></td>
<td>.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| METHOD OF ACCEPTANCE: CERT  
EVIDENCE OF INSPECTION: CERT ILOK LA15 |

<table>
<thead>
<tr>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIELD INSPECTION</td>
<td>DIM., CORRUG. DPTH &amp; PTCH, RVT. SZE &amp; SPAC., WT OF COAT.</td>
<td>PROCESS CONTROL ACCORDING TO AASHTO DOMESTIC STEEL ACT APPLIES</td>
<td>ART 1006.02, AASHTO M 167</td>
</tr>
</tbody>
</table>
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:  ABT 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, 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---: 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
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MATERIAL: 46219</td>
<td>DRAIN, SLOTTED, CIRC, HELI CORR, ALUM. COATED STEEL</td>
<td>LINFT(METER )</td>
<td></td>
</tr>
<tr>
<td>DESC1: 14</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT ILOK LA15</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM., WT OF COATING (MAGNETIC GAGE), WORKMANSHIP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: PROCESS CONTROL ACCORDING TO AASHTO 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>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

--> MATERIAL: 47601 PIPE, CLASS I, CONCRETE LNF(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, COMRESSIVE STRENGTH,
ABSORPTION, PERMEABILITY, HYDROSTATIC
REMARK-------:
SPECIFICATIONS: ART 1042.06 (D)
CBM POLICY MEMO 19

--> MATERIAL: 47602 PIPE, CLASS II, CONCRETE LNF(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, COMRESSIVE STRENGTH,
ABSORPTION, PERMEABILITY, HYDROSTATIC
REMARK-------:
SPECIFICATIONS: ART 1042.06 (D)
CBM POLICY MEMO 19

--> MATERIAL: 47603 PIPE, CLASS III, CONCRETE LNF(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, COMRESSIVE STRENGTH,
ABSORPTION, PERMEABILITY, HYDROSTATIC
REMARK-------:
SPECIFICATIONS: ART 1042.06 (D)
CBM POLICY MEMO 19

--> MATERIAL: 47701 PIPE, REINFORCED, CONCRETE CLASS I LNF(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, COMRESSIVE STRENGTH,
ABSORPTION, STEEL SIZE & PLACEMENT
REMARK-------:
SPECIFICATIONS: ART 1042.06 (A)
CBM POLICY MEMO 19

--> MATERIAL: 47702 PIPE, REINFORCED, CONCRETE CLASS II LNF(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, COMRESSIVE 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  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
MEASUREMENT---:  DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRRESSIVE STRENGTH,
ABSORPTION, STEEL SIZE & PLACEMENT
REMARK-------:
SPECIFICATIONS:  ART 1042.06 (A)
CBM POLICY MEMO 19

---> MATERIAL: 47704  PIPE, REINFORCED, CONCRETE CLASS IV  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
MEASUREMENT---:  DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRRESSIVE STRENGTH,
ABSORPTION, STEEL SIZE & PLACEMENT
REMARK-------:
SPECIFICATIONS:  ART 1042.06 (A)
CBM POLICY MEMO 19

---> MATERIAL: 47705  PIPE, REINFORCED, CONCRETE CLASS V  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
MEASUREMENT---:  DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRRESSIVE STRENGTH,
ABSORPTION, STEEL SIZE & PLACEMENT
REMARK-------:
SPECIFICATIONS:  ART 1042.06 (A)
CBM POLICY MEMO 19

---> MATERIAL: 47706  PIPE, REINFORCED, CONCRETE CLASS V SPECIAL  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST
MATERIAL OWNER: PC
SAMPLE SIZE---:  CONTAINER1:  CONTAINER2:
MEASUREMENT---:  DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRRESSIVE 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  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, VS, J-RING/L-BOX, HVSI
REMARK-------:
SPECIFICATIONS:  ART 504.06, CONTRACT PLANS & SPEC PROV
MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONC PROD
CBM-SINCE DATA NOT ENTERED IN MISTIC, ASSIGN AS VIS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

--- MATERIAL: 47752 PIPE, CONCRETE PRESTRESSED CYLINDER, EMBEDDED, ANSI/AWWA C301 LINEFT (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 LINEFT (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 LINEFT (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 LINEFT (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

--- MATERIAL: 47904  PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-III  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: 47905  PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-IV  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: 47906  PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-II  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: 47907  PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-III  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, STEEL SIZE & PLACEMENT
REMARK------- :
SPECIFICATIONS:  ART 1042.06 (B)
CBM POLICY MEMO 19

--- MATERIAL: 47908  PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-IV  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
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, COMPRRESSIVE 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-VI 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, COMPRRESSIVE 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, COMPRRESSIVE 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, COMPRRESSIVE 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, COMPRRESSIVE STRENGTH,
ABSORPTION, SLUMP, AIR, STEEL SIZE & PLACEMENT
REMARK------- : SPECIFICATIONS: ART 1042.06 (A), HWY STD 542601
CBM POLICY MEMO 19
 elementary add text
-- MATERIAL: 48215  ELBOW, 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: 48216  ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 2  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST  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:  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  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: 48231  BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 1  LINFT(METER )
METHOD OF ACCEPTANCE---: QUAL
EVIDENCE OF INSPECTION: LIST  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:  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  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:  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>48233</td>
<td>BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 3</td>
<td>LINVFT(METER)</td>
<td>87</td>
<td>QUAL</td>
<td>PC</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td>REMARK</td>
<td>SPECIFICATIONS: ART 540.06, 1042.05</td>
<td>CBM POLICY MEMO 19</td>
<td></td>
</tr>
</tbody>
</table>

<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>48234</td>
<td>ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 1</td>
<td>LINVFT(METER)</td>
<td>87</td>
<td>QUAL</td>
<td>PC</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td>REMARK</td>
<td>SPECIFICATIONS: ART 540.06, 1042.05</td>
<td>CBM POLICY MEMO 19</td>
<td></td>
</tr>
</tbody>
</table>

<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>48235</td>
<td>ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 2</td>
<td>LINVFT(METER)</td>
<td>87</td>
<td>QUAL</td>
<td>PC</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td>REMARK</td>
<td>SPECIFICATIONS: ART 540.06, 1042.05</td>
<td>CBM POLICY MEMO 19</td>
<td></td>
</tr>
</tbody>
</table>

<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>48236</td>
<td>ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 3</td>
<td>LINVFT(METER)</td>
<td>87</td>
<td>QUAL</td>
<td>PC</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, J-RING OR L-BOX)</td>
<td>REMARK</td>
<td>SPECIFICATIONS: ART 540.06, 1042.05</td>
<td>CBM POLICY MEMO 19</td>
<td></td>
</tr>
</tbody>
</table>

<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>48237</td>
<td>TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M259</td>
<td>EA (EA)</td>
<td>87</td>
<td>QUAL</td>
<td>PC</td>
</tr>
<tr>
<td>MEASUREMENT</td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, J-RING OR L-BOX)</td>
<td>REMARK</td>
<td>SPECIFICATIONS: ART 540.06, 1042.05</td>
<td>CBM POLICY MEMO 19</td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 475 CONCRETE PIPE & DRAIN TILE

-- MATERIAL: 48261  BOX SECTION, REINFORCED CONCRETE ASTM C1577 TABLE 1  LINFT(METER )
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 540.06, 1042.05
CBM POLICY MEMO 19

-- MATERIAL: 48262  ELBOW, BOX SECTION, REINFORCED CONCRETE ASTM C1577 Table 1  LINFT(METER )
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 540.06, 1042.05
CBM POLICY MEMO 19

-- MATERIAL: 48263  TAPERED END, BOX SECTION, REINFORCED CONCRETE ASTM C1577  EA (METER )
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 540.06, 1042.05
CBM POLICY MEMO 19

-- MATERIAL: 48264  BOX SECTION, REINFORCED CONCRETE LRFD  LINFT(METER )
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 540.06, 1042.05
CBM POLICY MEMO 19

-- MATERIAL: 48265  ELBOW, BOX SECTION, REINFORCED CONCRETE LRFD  LINFT(METER )
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 540.06, 1042.05
CBM POLICY MEMO 19
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>QTY UNIT</th>
<th>METHOD OF ACCEPTANCE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>48266</td>
<td>TAPERED END, BOX SECTION, REINFORCED CONCRETE LRFD</td>
<td>EA (METER)</td>
<td>QUAL</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>ART 540.06, 1042.05</td>
</tr>
<tr>
<td>48297</td>
<td>TAPERED END, BOX SECTION, REINFORCED CONCRETE, SPECIAL</td>
<td>EA (EA)</td>
<td>QUAL</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>CONTRACT SPEC PROV</td>
</tr>
<tr>
<td>48298</td>
<td>Elbow, Box Section, Reinforced Concrete, Special</td>
<td>LINFT (METER)</td>
<td>QUAL</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>CONTRACT SPEC PROV</td>
</tr>
<tr>
<td>48299</td>
<td>Box Section, Reinforced Concrete, Special</td>
<td>LINFT (METER)</td>
<td>QUAL</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>CONTRACT SPEC PROV</td>
</tr>
<tr>
<td>48302</td>
<td>Arch Culvert, Reinforced Concrete, Class A-II</td>
<td>LINFT (METER)</td>
<td>QUAL</td>
<td>DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE &amp; PLACEMENT</td>
<td></td>
<td>ART 1042.06 (C)</td>
</tr>
<tr>
<td>MATERIAL</td>
<td>ARCH CULVERT, REINFORCED CONCRETE, CLASS A-III</td>
<td>LINFT (METER)</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>26</td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>MATERIAL OWNER: PC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE &amp; PLACEMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS: ART 1042.06 (C) CBM POLICY MEMO 19</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>48304</th>
<th>ARCH CULVERT, REINFORCED CONCRETE, CLASS A-IV</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>26</td>
<td>DESC3:</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL</td>
<td>MATERIAL OWNER: PC</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST</td>
<td>UPDATED: 02/27/2017</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DEFECTS, DIMENSIONS, 3-EDGE BEARING, COMPRESSIVE STRENGTH, ABSORPTION, SLUMP, AIR, STEEL SIZE &amp; PLACEMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS: ART 1042.06 (C) CBM POLICY MEMO 19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>48401</th>
<th>BRIDGE SECTION, TRI-SIDED, REINFORCED CONCRETE</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>84</td>
<td>DESC3:</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>QUAL AND VIS</td>
<td>MATERIAL OWNER: PC</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LIST AND ILOK</td>
<td>UPDATED: 05/15/2019</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS, COMPRESSIVE STRENGTH, STEEL SIZE &amp; PLACEMENT, SLUMP, AIR, (SCC: SLUMP FLOW, VSI, J-RING OR L-BOX, HVSI)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SPECIFICATIONS: GUIDE BRIDGE SPEC PROV FOR THREE SIDED PRECAST CONCRETE STRUCTURE, CBM POLICY MEMO 19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 490 PLASTICS

-- MATERIAL: 49100 PIPE, CULVERT, POLY-VINYL CHLORIDE LINFT (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, PIPE STIFFNESS,
                  FLATTENING
  REMARK-------- : ACCEPTANCE SAMPLE TESTED BY CBM
                  ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON
  SPECIFICATIONS: ART 1040.03, ASTM F679

-- MATERIAL: 49200 PIPE, DRAIN, POLY-VINYL CHLORIDE LINFT (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, PIPE STIFFNESS,
                  FLATTENING
  REMARK-------- : ACCEPTANCE SAMPLE TESTED BY CBM
                  ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON
  SPECIFICATIONS: ART 1040.03, AASHTO M 278

-- MATERIAL: 49201 PIPE, STORM SEWER, POLY-VINYL CHLORIDE LINFT (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, PIPE STIFFNESS,
                  FLATTENING
  REMARK-------- : ACCEPTANCE SAMPLE TESTED BY CBM
                  ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON
  SPECIFICATIONS: ART 1040.03, AASHTO M 278, ASTM F679

-- MATERIAL: 49202 PIPE, WATER MAIN, POLY-VINYL CHLORIDE LINFT (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
                  ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
  SPECIFICATIONS: SPEC PROV & CONTRACT PLANS, AWWA C900
| MATERIAL: | 49203 | PIPE, UNDERDRAIN, POLY-VINYL CHLORIDE | LINFT(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 |
| SAMPLE SHALL INCLUDE ALL MARKINGS |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING |
| REMARK-------: | ACCEPTANCE SAMPLE TESTED BY CBM |
| SPECIFICATIONS: | ART 1040.03, AASHTO M 278 |

| MATERIAL: | 49204 | COUPLING, PIPE POLY-VINYL CHLORIDE | LINFT(METER) |
| DESC1: | 14 | DESC3: | 94 | SMALLQTY: |
| METHOD OF ACCEPTANCE---: | VIS |
| EVIDENCE OF INSPECTION---: | VIS |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION |
| UPDATED: | 04/10/2008 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., WORKMANSHIP |
| REMARK-------: |
| SPECIFICATIONS: | ART 1040.03, AASHTO M 278 |

| MATERIAL: | 49208 | TEE, POLY-VINYL CHLORIDE PIPE | EA (EA) |
| DESC1: | 14 | DESC2: | 14 | DESC3: | 94 | SMALLQTY: |
| METHOD OF ACCEPTANCE---: | VIS |
| EVIDENCE OF INSPECTION---: | VIS |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION |
| UPDATED: | 04/10/2008 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., WORKMANSHIP |
| REMARK-------: |
| SPECIFICATIONS: | ART 1040.03, AASHTO M 278, ASTM F679 |

| MATERIAL: | 49209 | ELBOW, POLY-VINYL CHLORIDE PIPE | EA (EA) |
| DESC1: | 14 | DESC2: | 55 | DESC3: | 94 | SMALLQTY: |
| METHOD OF ACCEPTANCE---: | VIS |
| EVIDENCE OF INSPECTION---: | VIS |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION |
| UPDATED: | 04/10/2008 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., WORKMANSHIP |
| REMARK-------: |
| SPECIFICATIONS: | ART 1040.03, AASHTO M 278, ASTM F679 |

<p>| MATERIAL: | 49211 | PIPE, SANITARY SEWER, POLY-VINYL CHLORIDE | LINFT(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 |
| SAMPLE SHALL INCLUDE ALL MARKINGS |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING |
| REMARK-------: | ACCEPTANCE SAMPLE TESTED BY CBM |
| SPECIFICATIONS: | ART 1040.03, AASHTO M 278, ASTM F679, ASTM D3034 |</p>
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>SAMPLE SIZE</th>
<th>UPDATED</th>
<th>CONTAINER1</th>
<th>CONTAINER2</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>49214</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td>TEST</td>
<td>LA15 ILOK</td>
<td>1 @ 5'</td>
<td>02/27/2017</td>
<td></td>
<td></td>
<td>DIM., WORKMANSHIP</td>
<td>VIS INSPI</td>
<td>SPEC PROV, ASTM D2680</td>
</tr>
<tr>
<td>49216</td>
<td>13X11</td>
<td>19</td>
<td>93</td>
<td>100</td>
<td>TEST</td>
<td>ILOK LA15</td>
<td>1 @ 5'</td>
<td>03/05/2019</td>
<td></td>
<td></td>
<td>DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING</td>
<td>ACCEPTANCE SAMPLE TESTED BY CBM</td>
<td>SPEC PROV, ASTM F794</td>
</tr>
<tr>
<td>49217</td>
<td>14</td>
<td></td>
<td>93</td>
<td>100</td>
<td>TEST</td>
<td>ILOK LA15</td>
<td>1 @ 5'</td>
<td>03/05/2019</td>
<td></td>
<td></td>
<td>DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING</td>
<td>ACCEPTANCE SAMPLE TESTED BY CBM</td>
<td>SPEC PROV, ASTM F794</td>
</tr>
<tr>
<td>49221</td>
<td>14</td>
<td></td>
<td>93</td>
<td>100</td>
<td>TEST</td>
<td>ILOK LA15</td>
<td>1 @ 5'</td>
<td>03/05/2019</td>
<td></td>
<td></td>
<td>DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING</td>
<td>ACCEPTANCE SAMPLE TESTED BY CBM</td>
<td>SPEC PROV, ASTM F949</td>
</tr>
</tbody>
</table>
--- MATERIAL: 49222 PIPE, UNDERDRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949) LINFT(METER)
DESC1: 14 DESC2: 93 DESC3: 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
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2:
MEASUREMENT:----: DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING
REMARK:-------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.03, ASTM F949

--- MATERIAL: 49223 PIPE, STORM SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949) LINFT(METER)
DESC1: 14 DESC2: 93 DESC3: 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
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2:
MEASUREMENT:----: DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING
REMARK:-------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.03, ASTM F949

--- MATERIAL: 49225 PIPE, CULVERT, CORRUGATED PVC WITH SMOOTH INT (ASTM F949) LINFT(METER)
DESC1: 14 DESC2: 93 DESC3: 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
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2:
MEASUREMENT:----: DIM., WALL THICKNESS, PIPE STIFFNESS, FLATTENING
REMARK:-------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.03, ASTM F949

--- MATERIAL: 49241 PIPE, STORM SEWER, PVC (AWWA C900) LINFT(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
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2:
MEASUREMENT:----: DIM., WALL THICKNESS, FLATTENING
REMARK:-------: ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: STD SPEC SEC 561-563-CONTRACT SPEC PROV, STD SPEC FOR WATER SEWER MAIN CONST IN IL-AWWA C900
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 490 PLASTICS

--- MATERIAL: 49242  PIPE, SANITARY SEWER, PVC (AWWA C900)  LINF(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)  LINF(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)  LINF(METER )
DESC1: 14  DESC2: 92  DESC3: 94  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  LINF(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 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
MANUAL FOR MATERIALS INSPECTION – PART 2
MATERIAL GROUP: 490 PLASTICS

--- MATERIAL: 49301 TUBING, DRAINAGE, CORRUGATED POLYETHYLENE  LINFT(METER )
DESC1: 14 DESC2:  DESC3: SMALLQTY: 100

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: ILOK LA15 TEST MATERIAL OWNER: MT

SAMPLE SIZE---: IF 24" - 2 PCS @ 5' PER LOT; ALL OTHER 1 PC @ 5' PER LOT 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: 49302 FITTING, TUBING DRAINAGE, POLYETHYLENE CORRUGATED  EA (EA )

METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION: VIS MATERIAL OWNER: MT

SAMPLE SIZE---: FIELD INSPECTION; SAMPLE SHALL INCLUDE ALL MARKINGS UPDATED: 03/05/2019

CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM, WORKMANSHIP
REMARK--------: 

SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294, ASTM D3350

--- MATERIAL: 49304 PIPE, STORM SEWER, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR  LINFT(METER )
DESC1: 14 DESC2:  DESC3: SMALLQTY: 100

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: ILOK LA15 TEST MATERIAL OWNER: MT

SAMPLE SIZE---: IF 24" - 2 PCS @ 5' PER LOT; ALL OTHER 1 PC @ 5' PER LOT UPDATED: 12/01/2020
SAMPLE SHALL INCLUDE ALL MARKINGS

CONTAINER1: CONTAINER2:
MEASUREMENT---: PIPE STIFFNESS, FLATTENING
REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT FOR M 252, M 294 PIPE
ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON

SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294, ASTM D3350, ASTM F894, SPEC PROV
PROD MUST BE ON BBS LIST FOR PREQUAL CORRUGATED PLASTIC

--- MATERIAL: 49305 PIPE, CULVERT, CORRUGATED POLYETHYLENE  LINFT(METER )
DESC1: 14 DESC2:  DESC3: SMALLQTY: 100

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: ILOK LA15 TEST MATERIAL OWNER: MT

SAMPLE SIZE---: IF 24" - 2 PCS @ 5' PER LOT; ALL OTHER 1 PC @ 5' PER LOT UPDATED: 03/05/2019
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: 49306 PIPE, CULVERT, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR  LINFT(METER )
DESC1: 14 DESC2:  DESC3: SMALLQTY: 100

METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST MATERIAL OWNER: MT

SAMPLE SIZE---: IF 24": 2 PCS @ 5’ PER LOT; ALL OTHER DIMS: 1 PC @ 5’ PER LOT UPDATED: 12/01/2020
SAMPLE SHALL INCLUDE ALL MARKINGS

CONTAINER1: CONTAINER2:
MEASUREMENT---: PIPE STIFFNESS, FLATTENING
REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT FOR M252, M294 PIPE
ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON

SPECIFICATIONS: ART 1040.04, AASHTO M 252 OR M 294
PROD MUST BE ON BBS LIST FOR PREQUAL CORRUGATED PLASTIC
-- MATERIAL: 49307  PIPE, DRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR  LINFT(METER )
DESC1: 14  DESC2:  DESC3:  SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: TEST LA15 ILOK  MATERIAL OWNER: MT
SAMPLE SIZE---: IF 24": 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER UPDATED: 03/05/2019
CONTAINER1: CONTAINER2: MEASUREMENT----: PIPE STIFFNESS, FLATTENING
REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT FOR M252, M294 PIPE
ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.04, AASHTO M 252 OR M 294

-- MATERIAL: 49308  PIPE, UNDERDRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR  LINFT(METER )
DESC1: 14  DESC2:  DESC3:  SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: TEST LA15 ILOK  MATERIAL OWNER: MT
SAMPLE SIZE---: IF 24": 2 PCS @ 5' PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER UPDATED: 03/05/2019
SAMPLE SHALL INCLUDE ALL MARKING
CONTAINER1: CONTAINER2: MEASUREMENT----: PIPE STIFFNESS, FLATTENING
REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT FOR M252, M294 PIPE
ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.04, AASHTO M 252 OR M 294

-- MATERIAL: 49309  PIPE, CULVERT, POLYETHYLENE, SMOOTH INTERIOR (ASTM F714)  LINFT(METER )
DESC1: 14  DESC2:  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----: MARKINGS, WALL THICKNESS
REMARK--------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.04, ASTM F714

-- MATERIAL: 49311  PIPE, DRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SMOOTH INT  LINFT(METER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: ILOK LA15 TEST  MATERIAL OWNER: MT
SAMPLE SIZE---: IF 24" - 2 PCS @ 5' PER LOT; ALL OTHER 1 PC @ 5' PER UPDATED: 03/05/2019
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2: MEASUREMENT----: PIPE STIFFNESS, FLATTENING
REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT
ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294

-- MATERIAL: 49312  PIPE, UNDERDRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SM INT  LINFT(METER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: ILOK LA15 TEST  MATERIAL OWNER: MT
SAMPLE SIZE---: 1 PC @ 5' PER LOT UPDATED: 03/05/2019
SAMPLE SHALL INCLUDE ALL MARKINGS
CONTAINER1: CONTAINER2: MEASUREMENT----: PIPE STIFFNESS, FLATTENING
REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT
ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
SPECIFICATIONS: ART 1040.04, AASHTO M 252, M 294
MANUAL FOR MATERIALS INSPECTION – PART 2
MATERIAL GROUP: 490 PLASTICS

--- MATERIAL: 49313  PIPE, UNDERDRAIN, PERFORATED, CORRUGATED POLYETHYLENE  LINFT( )
  DESC1: 14  DESC2:  DESC3:  SMALLQTY: 100
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION-: ILOK LA15 TEST  MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 PC @ 5' PER LOT OR TRUCK LOAD  UPDATED: 08/05/2020
  SAMPLE SHALL INCLUDE ALL MARKINGS
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: PIPE STIFFNESS, FLATTENING
  REMARK--------: PRODUCER SHALL BE NTPEP COMPLIANT
  ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON
  SPECIFICATIONS: ART 1040.04, AASHTO M 252

--- MATERIAL: 49513  STEP, MANHOLE  EA (EA )
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
  SAMPLE SIZE---: 5 STEPS  UPDATED: 02/27/2017
  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: SEC 602.08

--- MATERIAL: 49601  PIPE, WATER, PLASTIC  LINFT(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---: CONFORM TO PLANS OR SPEC PROV
  REMARK--------: ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON
  SPECIFICATIONS: SEC 562

--- MATERIAL: 49610  PIPE, THERMOSETTING RESIN, FILAMENT WOUND-D2996  LINFT(METER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION-: ILOK LA15 TEST  MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 @ 6' PER 2,000 LIN. FT.  UPDATED: 03/05/2013
  SAMPLE SHALL INCLUDE ALL MARKINGS
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIM., PIPE STIFFNESS, PIPE MARKINGS
  REMARK--------: ACCEPTANCE SAMPLE TESTED BY CBM
  ACC TEST ONLY GOOD FOR CURRENT CONSTRUCTION SEASON
  SPECIFICATIONS: ASTM D2996, SPEC PROV & CONTRACT PLANS

--- MATERIAL: 49611  PIPE, REINFORCED PLASTIC MORTAR (RPM)  LINFT(METER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION-: ILOK LA15 TEST  MATERIAL OWNER: MT
  SAMPLE SIZE---: 1 @ 5' PER PROJECT  UPDATED: 02/27/2017
  SAMPLE SHALL INCLUDE ALL MARKINGS
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIM., WALL THICKNESS, PIPE STIFFNESS
  REMARK--------: ACCEPTANCE SAMPLE TESTED BY CBM
  ACC TEST GOOD ONLY FOR CURRENT CONSTRUCTION SEASON
  SPECIFICATIONS: ART 1040.05
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>PIPE, LINER POLYETHYLENE (ASTM F714)</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC:</td>
<td>14</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>SMALLQTY: .</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 @ 5' PER LOT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SHALL INCLUDE ALL MARKINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 02/27/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM, WALL THICKNESS,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ARM 1040.04, ASTM F714</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>PIPE, LINER PROFILE POLYETHYLENE (ASTM F894)</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC:</td>
<td>14</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>SMALLQTY: .</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 2 @ 5' PER LOT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SHALL INCLUDE ALL MARKINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 02/20/2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM, WALL THICKNESS, FLATTENING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: ACC TEST GOOD FOR ONLY CURRENT CONSTRUCTION SEASON</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ARM 1040.04, ASTM F894</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>PIPE, LINER, CURED IN PLACE (ASTM F1216)</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC:</td>
<td>14</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>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: 02/27/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: WORKMANSHIP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: INSTALLATION TO MEET MFGR RQMTS &amp; ASTM F1216</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: SPEC PROV, ASTM F1216</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DRAIN, SLOTTED, POLYMER PRECAST</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC:</td>
<td>19</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>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: 02/27/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: WORKMANSHIP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: CONTRACT SPEC PROV</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>PIPE LINER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)</th>
<th>LINFT(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC:</td>
<td>14</td>
<td>DESC2:</td>
</tr>
<tr>
<td>DESC3:</td>
<td>SMALLQTY: .</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: ILOK LA15 TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 @ 5' PER LOT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SHALL INCLUDE ALL MARKINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM., WALL THICKNESS, PIPE STIFFNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK-------: ACCEPTANCE SAMPLE TESTED BY CBM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ARM 1040.03, ASTM F949</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL: 49650  DRAIN, VERTICAL WICK

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DES3:</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**: CERT LA15
**SAMPLE SIZE**: FIELD INSPECTION
**UPDATED**: 02/27/2017
**MATERIAL OWNER**: MT
**MEASUREMENT**: WORKMANSHIP
**REMARC**
**SPECIFICATIONS**: CONTRACT SPEC PROV

### MATERIAL: 49653  GEOCOMPOSITE WALL DRAIN

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DES3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13</td>
<td></td>
<td>.</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST
**EVIDENCE OF INSPECTION**: CERT LA15
**SAMPLE SIZE**: 1 @ 3' FULL WIDTH OF ROLL
**UPDATED**: 03/05/2019
**MATERIAL OWNER**: MT
**MEASUREMENT**: DEFLECTION UNDER LOAD
**REMARC**
**SPECIFICATIONS**: ART 1040.07

### MATERIAL: 49654  DRAIN, HORIZONTAL STRIP

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DES3:</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**: CERT LA15
**SAMPLE SIZE**: FIELD INSPECTION
**UPDATED**: 06/11/2012
**MATERIAL OWNER**: MT
**MEASUREMENT**
**REMARC**
**SPECIFICATIONS**: CONTRACT SPEC PROV

### MATERIAL: 49800  FABRIC, WOVEN, POLYPYRROLENE

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DES3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>69</td>
<td>70</td>
<td>400</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: CERT
**EVIDENCE OF INSPECTION**: CERT LA15
**SAMPLE SIZE**: 3' X WIDTH OF ROLL EACH 20,000 SQYD
**UPDATED**: 03/05/2019
**MATERIAL OWNER**: MT
**MEASUREMENT**: GRAB STRENGTH & ELONGATION
**REMARC**
**PRODUCT DATA SHEET MAY BE USED AS CERT**
**SPECIFICATIONS**: SEC 1080, SPEC PROV & CONTRACT PLANS

### MATERIAL: 49801  FABRIC, NONWOVEN, POLYPYRROLENE

<table>
<thead>
<tr>
<th>DESC1:</th>
<th>DESC2:</th>
<th>DES3:</th>
<th>SMALLQTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>69</td>
<td>70</td>
<td>400</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: CERT
**EVIDENCE OF INSPECTION**: CERT LA15
**SAMPLE SIZE**: 3' X WIDTH OF ROLL EACH 20,000 SQYD
**UPDATED**: 03/05/2019
**MATERIAL OWNER**: MT
**MEASUREMENT**: GRAB STRENGTH & ELONGATION
**REMARC**
**PRODUCT DATA SHEET MAY BE USED AS CERT**
**SPECIFICATIONS**: SEC 1080, ART 1062.01, SPEC PROV & CONTRACT PLANS
-- MATERIAL: 49803  TEFLOM SHEET  SQFT (SQM )  DESC1: 16  DESC2: 7  DESC3: 19  SMALLQTY: .  METHOD OF ACCEPTANCE---: TEST  EVIDENCE OF INSPECTION:  MATERIAL OWNER: MT  SAMPLE SIZE---: 1 @ 12" X 12"  UPDATED: 04/01/2020  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:  DESC3:  SMALLQTY: 100  METHOD OF ACCEPTANCE---: TEST  EVIDENCE OF INSPECTION: TEST LA15 ILOK  MATERIAL OWNER: MT  SAMPLE SIZE---: IF 24": 2 PCS @ 5'PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER LUP  UPDATED: 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 F2764

-- MATERIAL: 49807  PIPE, STORM SEWER, CORRUGATED POLYPROPYLENE  LINFT( )  DESC1: 14  DESC2:  DESC3:  SMALLQTY: 100  METHOD OF ACCEPTANCE---: TEST  EVIDENCE OF INSPECTION: TEST LA15 ILOK  MATERIAL OWNER: MT  SAMPLE SIZE---: IF 24": 2 PCS @ 5'PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER LUP  UPDATED: 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 F3219

-- MATERIAL: 49808  PIPE, STORM SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INTERIOR LINFT( )  DESC1: 14  DESC2:  DESC3:  SMALLQTY: 100  METHOD OF ACCEPTANCE---: TEST  EVIDENCE OF INSPECTION: TEST LA15 ILOK  MATERIAL OWNER: MT  SAMPLE SIZE---: IF 24": 2 PCS @ 5'PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER LUP  UPDATED: 12/01/2020  SAMPLE SHALL INCLUDE ALL MARKINGS  CONTAINER1:  CONTAINER2:  MEASUREMENT----: PIPE STIFFNESS, FLATTENING  REMARK-------: ACC MUST BE ON BBS LIST FOR PREQUAL CORRUGATED 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( )  DESC1: 14  DESC2:  DESC3:  SMALLQTY: 100  METHOD OF ACCEPTANCE---: TEST  EVIDENCE OF INSPECTION: TEST LA15 ILOK  MATERIAL OWNER: MT  SAMPLE SIZE---: IF 24": 2 PCS @ 5'PER LOT; ALL OTHER DIMS: 1 PC @ 5' PER LUP  UPDATED: 12/01/2020  SAMPLE SHALL INCLUDE ALL MARKINGS  CONTAINER1:  CONTAINER2:  MEASUREMENT----: PIPE STIFFNESS, FLATTENING  REMARK-------: ACC MUST BE ON BBS LIST FOR PREQUAL CORRUGATED 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</th>
<th>SQYD (SQM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
<td>DESC3:</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: 3' X WIDTH OF ROLL EACH 20,000 SQYD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></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: 49812</th>
<th>FABRIC, WOVEN POLYESTER</th>
<th>SQYD (SQM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
<td>DESC3:</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: 3' X WIDTH OF ROLL EACH 20,000 SQYD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></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: 49813</th>
<th>FABRIC, KNITTED POLYESTER</th>
<th>SQYD (SQM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
<td>DESC3:</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: 1 PIECE ON PIPE @ 36&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>WEIGHT, LENGTH, WIDTH</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>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</th>
<th>SQYD (SQM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
<td>DESC3:</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: 3' X WIDTH OF ROLL EACH 20,000 SQYD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></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: 49820</th>
<th>FABRIC ENVELOPE</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 69</td>
<td>DESC2: 70</td>
<td>DESC3:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: LA15 TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE: 1 PC @ 48&quot; X WIDTH OF ROLL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 03/05/2019</td>
<td></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>ACCEPTANCE SAMPLE TESTED BY CBM</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1080, SPEC PROV &amp; CONTRACT PLANS</td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>DESCRIPTION</td>
<td>GROUP</td>
</tr>
<tr>
<td>-----------</td>
<td>------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>49821</td>
<td>FABRIC, SILT FENCE LINFT(METER)</td>
<td>490 PLASTICS</td>
</tr>
<tr>
<td>49830</td>
<td>PIPE ENCASEMENT, POLYETHYLENE SQYD ( )</td>
<td>490 PLASTICS</td>
</tr>
<tr>
<td>49831</td>
<td>GEOTECHNICAL REINFORCEMENT, GEOGRID SQYD (SQ M )</td>
<td>490 PLASTICS</td>
</tr>
<tr>
<td>49832</td>
<td>CELLULAR CONFINEMENT SYSTEM, PERFORATED, POLYETHYLENE SQYD (SQ M )</td>
<td>490 PLASTICS</td>
</tr>
<tr>
<td>49900</td>
<td>DRAINS, DECK, THERMOSETTING RESIN EA (EA )</td>
<td>490 PLASTICS</td>
</tr>
<tr>
<td>MATERIAL: 50201</td>
<td>PIPE, SEWER STANDARD STRENGTH CLAY</td>
<td>LINFT (METER)</td>
</tr>
<tr>
<td>----------------</td>
<td>----------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>DESC1: 14</td>
<td>DESC2: 24</td>
<td>DESC3: 12</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td>MATERIAL GROUP: 500 CLAY PIPE &amp; DRAIN</td>
<td></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: 5</td>
<td>CONTAINER1: 12</td>
<td>CONTAINER2: 4</td>
</tr>
<tr>
<td>MEASUREMENT: 6</td>
<td>REMARK: 12</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.02, ASTM C 700, SPEC PROV OR CONTRACT PLANS</td>
<td></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>DESC1: 14</td>
<td>DESC2: 24</td>
<td>DESC3: 12</td>
</tr>
<tr>
<td>SMALLQTY: 5</td>
<td>MATERIAL GROUP: 500 CLAY PIPE &amp; DRAIN</td>
<td></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: 5</td>
<td>CONTAINER1: 12</td>
<td>CONTAINER2: 4</td>
</tr>
<tr>
<td>MEASUREMENT: 6</td>
<td>REMARK: 12</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1040.02, ASTM C 700, SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>TYPE</td>
<td>DESC1</td>
</tr>
<tr>
<td>----------</td>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>51101</td>
<td>PIPE</td>
<td>14</td>
</tr>
<tr>
<td>51102</td>
<td>PIPE</td>
<td>14</td>
</tr>
<tr>
<td>51103</td>
<td>PIPE</td>
<td>14</td>
</tr>
<tr>
<td>51104</td>
<td>PIPE</td>
<td>14</td>
</tr>
<tr>
<td>51105</td>
<td>PIPE</td>
<td>14</td>
</tr>
</tbody>
</table>
### MATERIAL: 51106 PIPE, DUCTILE IRON, CEMENT LINED, MECH. JOINT  
**LINTFT(METER)**

- **DESC1:** 14  
- **DESC2:** 19  
- **DESC3:** 31  
- **SMALLQTY:** 100

**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT LA15  
**MATERIAL OWNER:** MT

- **SAMPLE SIZE:** FIELD INSPECTION  
- **UPDATED:** 03/05/2019

**CONTAINER1:**  
**CONTAINER2:**  
**MEASUREMENT:** DIM., MARKINGS, COATING THICKNESS, LINING THICKNESS

**REMARK:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.19, 1006.20 OR SPEC PROV & CONTRACT PLANS

### MATERIAL: 51301 FITTING, T, CAST IRON  
**EA** *(EA)*

- **DESC1:** 14  
- **DESC2:** 14  
- **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:** DIM., MARKINGS, COATING THICKNESS

**REMARK:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.19, 1006.20 OR SPEC PROV & CONTRACT PLANS

### MATERIAL: 51305 FITTING, REDUCER, CAST IRON  
**EA** *(EA)*

- **DESC1:** 14  
- **DESC2:** 14  
- **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:** DIM., MARKINGS, COATING THICKNESS

**REMARK:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** ART 1006.19, 1006.20 OR SPEC PROV & CONTRACT PLANS

### MATERIAL: 51306 CAPS, JOINT MECHANICAL  
**EA** *(EA)*

- **DESC1:** 14  
- **DESC2:**  
- **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:** REQUIREMENTS PER APPLICABLE SPEC.

**REMARK:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS

### MATERIAL: 51307 PLUG, JOINT MECHANICAL  
**EA** *(EA)*

- **DESC1:** 14  
- **DESC2:**  
- **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:** REQUIREMENTS PER APPLICABLE SPEC.

**REMARK:** DOMESTIC STEEL ACT APPLIES

**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS
<table>
<thead>
<tr>
<th>MATERIAL: 51308</th>
<th>GLAND, JOINT MECHANICAL</th>
<th>EA (EA )</th>
<th>METHOD OF ACCEPTANCE---: CERT</th>
<th>EVIDENCE OF INSPECTION: CERT LA15</th>
<th>MATERIAL OWNER: MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REQUIREMENTS PER APPLICABLE SPEC.</td>
<td>REMARK-------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51309</th>
<th>WYE BRANCH, JOINT MECHANICAL</th>
<th>EA (EA )</th>
<th>METHOD OF ACCEPTANCE---: CERT</th>
<th>EVIDENCE OF INSPECTION: CERT LA15</th>
<th>MATERIAL OWNER: MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14 DESC2: 82 DESC3: 56</td>
<td>SMALLQTY: .</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 05/15/2019</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REQUIREMENTS PER APPLICABLE SPEC.</td>
<td>REMARK-------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51310</th>
<th>CROSS, JOINT MECHANICAL</th>
<th>EA (EA )</th>
<th>METHOD OF ACCEPTANCE---: CERT</th>
<th>EVIDENCE OF INSPECTION: CERT LA15</th>
<th>MATERIAL OWNER: MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REQUIREMENTS PER APPLICABLE SPEC.</td>
<td>REMARK-------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51311</th>
<th>SLEEVE, JOINT MECHANICAL</th>
<th>EA (EA )</th>
<th>METHOD OF ACCEPTANCE---: CERT</th>
<th>EVIDENCE OF INSPECTION: CERT LA15</th>
<th>MATERIAL OWNER: MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REQUIREMENTS PER APPLICABLE SPEC.</td>
<td>REMARK-------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 51312</th>
<th>OFFSET, JOINT MECHANICAL</th>
<th>EA (EA )</th>
<th>METHOD OF ACCEPTANCE---: CERT</th>
<th>EVIDENCE OF INSPECTION: CERT LA15</th>
<th>MATERIAL OWNER: MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE SIZE---:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED: 04/10/2008</td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REQUIREMENTS PER APPLICABLE SPEC.</td>
<td>REMARK-------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL GROUP: 510 CAST IRON PIPE

#### MATERIAL: 51313, COUPLING, CAST IRON PIPE
- **Desc1:** 14
- **Desc2:**
- **Desc3:** SMALLQT: .
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** FIELD INSPECTION
- **Updated:** 05/15/2019
- **Material Owner:** MT
- **Description:** 14
- **Remarks:** DOMESTIC STEEL ACT APPLIES
- **Specifications:** SPEC PROV OR CONTRACT PLANS

#### MATERIAL: 51314, FITTING, ELBOW
- **Desc1:** 14
- **Desc2:** 55
- **Desc3:** SMALLQT: .
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** FIELD INSPECTION
- **Updated:** 12/20/2018
- **Material Owner:** MT
- **Description:** 55
- **Remarks:** DOMESTIC STEEL ACT APPLIES
- **Specifications:** SPEC PROV OR CONTRACT PLANS

#### MATERIAL: 51401, TAP VALVE AND SLEEVE
- **Desc1:** 14
- **Desc2:**
- **Desc3:** SMALLQT: .
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** FIELD INSPECTION
- **Updated:** 04/10/2008
- **Material Owner:** MT
- **Remarks:** DOMESTIC STEEL ACT APPLIES
- **Specifications:** ART 1006.19, 1006.20, SPEC PROV & CONTRACT PLANS

#### MATERIAL: 51501, WATER VALVE
- **Desc1:** 14
- **Desc2:**
- **Desc3:** SMALLQT: .
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** FIELD INSPECTION
- **Updated:** 04/10/2008
- **Material Owner:** MT
- **Remarks:** DOMESTIC STEEL ACT APPLIES
- **Specifications:** ART 1006.19, 1006.20, SPEC PROV & CONTRACT PLANS

#### MATERIAL: 51601, VALVE BOX
- **Desc1:** 14
- **Desc2:**
- **Desc3:** SMALLQT: .
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** CERT LA15
- **Sample Size:** FIELD INSPECTION
- **Updated:** 04/10/2008
- **Material Owner:** MT
- **Remarks:** DOMESTIC STEEL ACT APPLIES
- **Specifications:** ART 1006.19, 1006.20, SPEC PROV & CONTRACT PLANS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 520 CORRUGATED ALUMINUM PIPE

--> 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 & PTCH, 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. PTCH & DPTH, 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
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>52801 BOX CULVERT, ALUMINUM LINF(METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1</td>
<td>19</td>
</tr>
<tr>
<td>DESC2</td>
<td>26</td>
</tr>
<tr>
<td>DESC3</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE</td>
<td>CERT</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION</td>
<td>CERT ILOK 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>DIM., WORKMANSHIP</td>
</tr>
<tr>
<td>REMARK</td>
<td>Spec Prov, AASHTO M 219, Alloy 5052-H141</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
<td>SPEC Prov, AASHTO M 219, Alloy 5052-H141</td>
</tr>
</tbody>
</table>
--- 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: 54111</th>
<th>RAILING, STRUCTURAL STEEL TUBING</th>
<th>LINFT(METER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 13</td>
<td>DESC2: 11</td>
<td>DESC3: 16</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td>METHOD OF ACCEPTANCE---: TEST</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CBM</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: SEE SAMPLING PROTOCOL FOUND IN PART 1, APPENDIX C1</td>
<td>UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRTH., ELONG., CHARPY V-NOTCH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.34, ASTM A500/500M GR B(C)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 54112</th>
<th>RAILING, ALUMINUM, EXTRUDED ALLOY</th>
<th>LINFT(METER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 13</td>
<td>DESC2: 11</td>
<td>DESC3: 16</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 @ 2&quot; X 18&quot; FOR EACH HEAT</td>
<td>UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRTH., ELONGATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.30, ASTM B221</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 54114</th>
<th>RAILING, ALUMINUM, ANODIZED</th>
<th>LINFT(METER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 40</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 @ 2&quot;X 18&quot; FOR EACH HEAT</td>
<td>UPDATED: 02/19/2009</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRTH., ELONGATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1006.30, SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 54115</th>
<th>RAILING, STAINLESS STEEL TUBING</th>
<th>LINFT(METER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 13</td>
<td>DESC2: 11</td>
<td>DESC3: 16</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 @ 2' FOR EACH HEAT</td>
<td>UPDATED: 03/05/2019</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRTH., ELONGATION, CHEMISTRY</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: 54204</th>
<th>POST, RAILING, GALV. STEEL I BEAM (TYPE N,S,&amp;T)</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLQTY: .</td>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 1 @ 12&quot; LONG</td>
<td>UPDATED: 12/30/2015</td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DIM., YIELD &amp; TENS. STRTH., ELONGATION, 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 1006.34, CONTRACT PLANS, AASHTO M 270, M111</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Material Group: 540 Bridge Rail

### Material: 54301 Anchor Device, Railing, Types N&S

<table>
<thead>
<tr>
<th>Desc1</th>
<th>Desc2</th>
<th>Desc3</th>
<th>Small QTY</th>
<th>Method of Acceptance</th>
<th>Cert LA15</th>
<th>Evidence of Inspection</th>
<th>Cert LA15</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td></td>
<td>CERT LA15</td>
<td></td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>DIM., PROPER COMPONENTS</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>CONTRACT PLANS</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>
<td></td>
<td></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>
<td></td>
<td></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>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Material: 54302 Anchor Device, Railing, Type T (Top)

<table>
<thead>
<tr>
<th>Desc1</th>
<th>Desc2</th>
<th>Desc3</th>
<th>Small QTY</th>
<th>Method of Acceptance</th>
<th>Cert LA15</th>
<th>Evidence of Inspection</th>
<th>Cert LA15</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td></td>
<td>CERT LA15</td>
<td></td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>DIM., PROPER COMPONENTS</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>CONTRACT PLANS</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>
<td></td>
<td></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>
<td></td>
<td></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>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Material: 54303 Anchor Device, Railing, Type T (Bottom)

<table>
<thead>
<tr>
<th>Desc1</th>
<th>Desc2</th>
<th>Desc3</th>
<th>Small QTY</th>
<th>Method of Acceptance</th>
<th>Cert LA15</th>
<th>Evidence of Inspection</th>
<th>Cert LA15</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td></td>
<td>CERT LA15</td>
<td></td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>DIM., PROPER COMPONENTS</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>CONTRACT PLANS</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>
<td></td>
<td></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>
<td></td>
<td></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>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Material: 54305 Accessories, Bridge Railing

<table>
<thead>
<tr>
<th>Desc1</th>
<th>Desc2</th>
<th>Desc3</th>
<th>Small QTY</th>
<th>Method of Acceptance</th>
<th>Cert LA15</th>
<th>Evidence of Inspection</th>
<th>Cert LA15</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td></td>
<td>CERT LA15</td>
<td></td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>DIM., GALVANIZING</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>CONTRACT PLANS</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>
<td></td>
<td></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>
<td></td>
<td></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>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Material: 54306 End Section, Curled

<table>
<thead>
<tr>
<th>Desc1</th>
<th>Desc2</th>
<th>Desc3</th>
<th>Small QTY</th>
<th>Method of Acceptance</th>
<th>Cert LA15</th>
<th>Evidence of Inspection</th>
<th>Cert LA15</th>
<th>Material Owner</th>
<th>Sample Size</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CERT</td>
<td></td>
<td>CERT LA15</td>
<td></td>
<td>MT</td>
<td>FIELD INSPECTION</td>
<td>DIM., GALVANIZING</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td>CONTRACT PLANS</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>
<td></td>
<td></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>
<td></td>
<td></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>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 550 GUARD RAIL

--- MATERIAL: 55100 GUARD RAIL, STEEL PLATE BEAM, RUST RESISTANT, TYPE IV LINFT(METER)
  METHOD OF ACCEPTANCE---: QUAL AND CERT
  EVIDENCE OF INSPECTION---: LIST AND CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 04/15/2008
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIMENSIONS, BEAM THICKNESS
  REMARK------- : CERT IS FOR DOMESTIC STEEL ACT
  SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD, SPEC PROV

--- MATERIAL: 55101 GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE I LINFT(METER)
  METHOD OF ACCEPTANCE---: CERT
  EVIDENCE OF INSPECTION---: CERT LA15
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 02/28/2020
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIM., BEAM THICKNESS, WT OF COATING (MGN TC GAGE)
  REMARK------- : DOMESTIC STEEL ACT APPLIES
  SPECIFICATIONS: SPEC PROV, AASHTO M 180, HWY STD

--- MATERIAL: 55102 GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE II LINFT(METER)
  METHOD OF ACCEPTANCE---: QUAL AND CERT
  EVIDENCE OF INSPECTION---: LIST AND CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 04/15/2008
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIM., BEAM THICKNESS, WT OF COATING (MGN TC GAGE)
  REMARK------- : CERT IS FOR DOMESTIC STEEL ACT
  SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD

--- MATERIAL: 55104 END SECTIONS, TERMINAL STEEL PLATE BEAM GALV.
  METHOD OF ACCEPTANCE---: QUAL AND CERT
  EVIDENCE OF INSPECTION---: LIST AND CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 04/15/2008
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIM., BEAM THICKNESS, WT OF COATING (MGN TC GAGE)
  REMARK------- : CERT IS FOR DOMESTIC STEEL ACT
  SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD

--- MATERIAL: 55105 FLARED END SECTION, STEEL PLATE BEAM, GALV.
  METHOD OF ACCEPTANCE---: QUAL AND CERT
  EVIDENCE OF INSPECTION---: LIST AND CERT
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  UPDATED: 04/15/2008
  CONTAINER1: CONTAINER2:
  MEASUREMENT---: DIM., BEAM THICKNESS, WT OF COATING (MGN TC GAGE)
  REMARK------- : CERT IS FOR DOMESTIC STEEL ACT
  SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD
--> MATERIAL: 55106  ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, GALV. EA (EA )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION: LIST AND CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/15/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., TENS. STRTH., PROOF LOAD, HARDNESS, WT OF COAT.
REMARK---------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.25, AASHTO M 180, HWY STD

--> MATERIAL: 55107  END SECTIONS, RETURN, STEEL PLATE BEAM GALV. EA (EA )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION: LIST AND CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 04/15/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: WT OF COATING (MGNTC GAGE), BEAM THICKNESS
REMARK---------: CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: CONTRACT PLANS, HWY STD

--> MATERIAL: 55108  SHOE, STANDARD END 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---: WT OF COATING (MGNTC GAGE)
REMARK---------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: CONTRACT PLANS, HWY STD

--> MATERIAL: 55110  GUARD RAIL, TUBULAR THRIE BEAM, GALV. TYPE I LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 02/28/2020
CONTAINER1: CONTAINER2:
MEASUREMENT---: WT OF COATING (MGNTC GAGE)
REMARK---------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV, AASHTO M 180, HWY STD, CONTRACT PLANS

--> MATERIAL: 55201  CABLE, WIRE ROPE FOR ROAD GUARD LINFT(METER )
DESC1: DESE2: DESC3: SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: LA15 ILOK TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 4FT LONG UPDATED: 03/05/2019
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---------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.26, AASHTO M 30, CL A, AASHTO M 232, SPEC PROV
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 (MAGNETIC 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
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 INSPE.)

--> 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 )
  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: SEC 1007, CONTRACT PLANS OR SPEC PROV
                  CBM POLICY MEMO (LUMBER & TIMBER INSPE.)

--- MATERIAL: 55503  BLOCKOUT, TREATED WOOD  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: BLR. STD., CBM POLICY MEMO (LUMBER & TIMBER INSPE.)

--- MATERIAL: 55504  BLOCKOUT, PLASTIC  EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION--: LIST  MATERIAL OWNER: SAFETY
  SAMPLE SIZE---:  UPDATED: 04/18/2012
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---:  REMARK--------:  SPECIFICATIONS: ART 630.02

--- MATERIAL: 55601  BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY TANGENT 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: 55602  ACCESSORIES, BARRIER, TERMINAL ASSEMBLY, NCHRP (MASH) ONLY EA (EA )
  METHOD OF ACCEPTANCE---: QUAL AND CERT
  EVIDENCE OF INSPECTION--: LIST AND CERT  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 12/29/2009
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: DIM., WT OF COATING, APPEARANCE
  REMARK--------: CERT IS FOR DOMESTIC STEEL ACT
  SPECIFICATIONS: CONTRACT PLANS, HWY STD
-- MATERIAL: 55603 BARRIER, HIGH TENSION CABLE M EDIAN 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 M EDIAN BARRIERS

-- MATERIAL: 55604 BARRIER TERMINAL, HIGH TENSION CABLE M EDIAN 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 M EDIAN BARRIERS

-- MATERIAL: 55605 POST, HIGH TENSION CABLE M EDIAN 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---: CERT IS TO VERIFY PARTS ARE FROM ORIGINAL APPROVED SYSTEM DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE M EDIAN BARRIERS

-- MATERIAL: 55606 CABLE, HIGH TENSION CABLE M EDIAN 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---: CERT IS TO VERIFY PARTS ARE FROM ORIGINAL APPROVED SYSTEM DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE M EDIAN BARRIERS

-- MATERIAL: 55607 ACCESSORIES, HIGH TENSION CABLE M EDIAN 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---: CERT IS TO VERIFY PARTS ARE FROM ORIGINAL APPROVED SYSTEM DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV FOR HIGH TENSION CABLE M EDIAN BARRIERS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 550 GUARD RAIL

---> 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, NCHRP (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: 56101  FERTILIZER NUTRIENT, NITROGEN
- **Descrip.**: 
- **Method of Acceptance**: CERT
- **Evidence of Inspection**: CERT MARK
- **Sample Size**: FIELD INSPECTION
- **Material Owner**: MT
- **Updated**: 03/05/2019
- **Remark**: 
- **Specifications**: ART 1081.08

#### Description:
- **Small Qty**: 20

### MATERIAL: 56102  FERTILIZER NUTRIENT, PHOSPHORUS
- **Descrip.**: 
- **Method of Acceptance**: CERT
- **Evidence of Inspection**: CERT MARK
- **Sample Size**: FIELD INSPECTION
- **Material Owner**: MT
- **Updated**: 03/05/2019
- **Remark**: 
- **Specifications**: ART 1081.08

#### Description:
- **Small Qty**: 20

### MATERIAL: 56103  FERTILIZER NUTRIENT, POTASSIUM
- **Descrip.**: 
- **Method of Acceptance**: CERT
- **Evidence of Inspection**: CERT MARK
- **Sample Size**: FIELD INSPECTION
- **Material Owner**: MT
- **Updated**: 03/05/2019
- **Remark**: 
- **Specifications**: ART 1081.08

#### Description:
- **Small Qty**: 20

### MATERIAL: 56203  MULCH, HARDWOOD BARK
- **Descrip.**: 
- **Method of Acceptance**: VIS
- **Evidence of Inspection**: VIS
- **Sample Size**: FIELD INSPECTION
- **Material Owner**: MT
- **Updated**: 04/15/2008
- **Remark**: 
- **Specifications**: ART 1081.06

#### Description:
- **Small Qty**:  .

### MATERIAL: 56204  MULCH, STRAW
- **Descrip.**: 
- **Method of Acceptance**: VIS
- **Evidence of Inspection**: VIS
- **Sample Size**: FIELD INSPECTION
- **Material Owner**: MT
- **Updated**: 04/15/2008
- **Remark**: 
- **Specifications**: ART 1081.06

#### Description:
- **Small Qty**:  .
-- 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 PROVIDER

-- 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---: CERTLTA15
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>DESCRIPTION 2</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>CERT</th>
<th>EVIDENCE OF INSPECTION</th>
<th>CERT</th>
<th>UPDATE</th>
<th>OWNER</th>
<th>SAMPLE SIZE</th>
<th>MEASUREMENT</th>
<th>REMARK</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>56219</td>
<td>STRAW MAT, KNITTED</td>
<td>SQYD (SQ M )</td>
<td>.</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>36&quot; ACROSS FULL WIDTH EACH SHIPMENT</td>
<td>WIDTH, DIMENSIONS, WT/SQYD</td>
<td>SPECIFICATIONS: ART 1081.10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56221</td>
<td>MULCH, HYDRAULIC</td>
<td>TONS (M TON )</td>
<td>.</td>
<td>CERT</td>
<td>MATERIAL OWNER: MT</td>
<td>FIELD INSPECTION</td>
<td>PERFORMANCE</td>
<td>SPECIFICATIONS: ART 1081.06</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56222</td>
<td>BINDER, CHEMICAL MULCH</td>
<td>LB (KG )</td>
<td>.</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>FIELD INSPECTION</td>
<td>PERFORMANCE</td>
<td>SPECIFICATIONS: ART 1081.06 OR CONTRACT SPEC PROV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56223</td>
<td>MATTING, STRAW AND COCONUT BLEND</td>
<td>SQYD (SQ M )</td>
<td>.</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>36&quot; ACROSS FULL WIDTH EACH SHIPMENT</td>
<td>MINIMUM WIDTH, WT/SQYD</td>
<td>SPECIFICATIONS: ART 1081.10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56225</td>
<td>BLANKET, EXCELSIOR AND STRAW BLEND</td>
<td>SQYD (SQ M )</td>
<td>.</td>
<td>CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td>36&quot; ACROSS FULL WIDTH EACH SHIPMENT</td>
<td>MINIMUM WIDTH, WT/SQYD</td>
<td>SPECIFICATIONS: ART 1081.10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 560 LANDSCAPE

---> MATERIAL: 56226  DITCH CHECK, URETHANE FOAM-GEOTEXTILE FABRIC  EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION-: LIST
  MATERIAL OWNER: NP
  SAMPLE SIZE---:
  CONTAINER1:  CONTAINER2:
  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
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: WORKMANSHIP, DIMENSION, CONFIGURATION TO MFGR'S CERTS
  REMARK--------:
  SPECIFICATIONS: CONTRACT SPEC PROV, ART 1080.02

---> MATERIAL: 56228  SEDIMENT LOG, ROLLED EXCELSIOR  EA (EA )
  METHOD OF ACCEPTANCE---: VIS
  EVIDENCE OF INSPECTION-: VIS
  MATERIAL OWNER: MT
  SAMPLE SIZE---: FIELD INSPECTION
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---: ADEQUATELY BOUND
  REMARK--------:
  SPECIFICATIONS: ART 1081.15

---> MATERIAL: 56229  BERM, EROSION CONTROL, POLYETHYLENE  EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION-: LIST
  MATERIAL OWNER: NP
  SAMPLE SIZE---:
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---:
  REMARK--------: GEORIDGE
  SPECIFICATIONS: ART 280.04 (A)

---> MATERIAL: 56230  PANEL, EROSION CONTROL, POLYETHYLENE  EA (EA )
  METHOD OF ACCEPTANCE---: QUAL
  EVIDENCE OF INSPECTION-: LIST
  MATERIAL OWNER: NP
  SAMPLE SIZE---:
  CONTAINER1:  CONTAINER2:
  MEASUREMENT---:
  REMARK--------: ENVIROBERM
  SPECIFICATIONS: ART 280.04 (A)
-- MATERIAL: 56231 MAT, TURF REINFORCEMENT SQYD (SQ M )
METHOD OF ACCEPTANCE---: TEST AND CERT
EVIDENCE OF INSPECTION---: LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 36" ACROSS FULL WIDTH OF EACH SHIPMENT UPDATED: 05/12/2020
CONTAINER1: 11 CONTAINER2: 09
MEASUREMENT---: TENSILE
REMARK-------- : CERT IS NEED BECAUSE ONLY PART OF SPEC REQUIREMENT CAN BE TESTED FOR IN THE LAB
SPECIFICATIONS: ART 1081.10 (G)

-- MATERIAL: 56301 PEAT MOSS CUFT (CU M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 LB. PER 50-TON WEIGHT UPDATED: 03/18/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: SHREDDED PARTICLE LENGTH, ACIDITY, ASH PERCENT
REMARK-------- : SPECIFICATIONS: ART 1081.09

-- MATERIAL: 56302 SOD SQYD (SQ M )
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.
REMARK-------- : SPECIFICATIONS: ART 1081.03

-- MATERIAL: 56303 SOIL, TOP CUYD (CU M )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: TEST MATERIAL OWNER: SL
SAMPLE SIZE---: 3 LBS. UPDATED: 11/14/2017
CONTAINER1: 03 CONTAINER2: 11
MEASUREMENT---: GRADATION, PH, ORGANIC CONTENT
REMARK-------- : SPECIFICATIONS: ART 1081.05A

-- MATERIAL: 56305 SOD, SALT TOLERANT SQYD (SQ M )
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.
REMARK-------- : SPECIFICATIONS: ART 1081.03
### MATERIAL: 56306  COMPOST  
**DESC1:**  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .  
**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  
**DESC1:**  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .  
**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  
**DESC1:**  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .  
**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  
**DESC1:** 22  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .  
**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 A  
**DESC1:** 22  
**DESC2:**  
**DESC3:**  
**SMALLQTY:** .  
**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
### MATERIAL: 56502  
**Tree, Intermediate B (EA EA)**  
**Desc1: 22**  
**Desc2:**  
**Desc3:**  
**SmallQTY:** .  
**Method of Acceptance:** CERT  
**Evidence of Inspection:** CERT  
**Sample Size:** FIELD INSPECTION  
**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

### MATERIAL: 56503  
**Tree, Seedling F (EA EA)**  
**Desc1: 22**  
**Desc2:**  
**Desc3:**  
**SmallQTY:** .  
**Method of Acceptance:** CERT  
**Evidence of Inspection:** CERT  
**Sample Size:** FIELD INSPECTION  
**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

### MATERIAL: 56504  
**Shrub, C (EA EA)**  
**Desc1: 22**  
**Desc2:**  
**Desc3:**  
**SmallQTY:** .  
**Method of Acceptance:** CERT  
**Evidence of Inspection:** CERT  
**Sample Size:** FIELD INSPECTION  
**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

### MATERIAL: 56505  
**Shrub, Seedling G (EA EA)**  
**Desc1: 22**  
**Desc2:**  
**Desc3:**  
**SmallQTY:** .  
**Method of Acceptance:** CERT  
**Evidence of Inspection:** CERT  
**Sample Size:** FIELD INSPECTION  
**Container1:**  
**Container2:**  
**Measurement:** HEALTHY, FREE FROM INSECTS, DISEASES  
**Remark:** SPRING PLANTING ONLY  
**Cert:** CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)  
**Specifications:** ART 1081.01, AMER STDS FOR NURSERY STOCK ASA 260.1

### MATERIAL: 56506  
**Evergreen D (EA EA)**  
**Desc1: 22**  
**Desc2:**  
**Desc3:**  
**SmallQTY:** .  
**Method of Acceptance:** CERT  
**Evidence of Inspection:** CERT  
**Sample Size:** FIELD INSPECTION  
**Container1:**  
**Container2:**  
**Measurement:** HEALTHY, FREE FROM INSECTS, DISEASES  
**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: 56508</th>
<th>VINES, E</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</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: HEALTHY, FREE FROM INSECTS, DISEASE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1081.01, AMER STDS FOR NURSERY STOCK ASA 260.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 56510</th>
<th>SPECIAL LANDSCAPING</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</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: HEALTHY, FREE FROM INSECTS, DISEASE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1081.01, AMER STDS FOR NURSERY STOCK ASA 260.1, CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 56511</th>
<th>ROOTSTOCK, WETLAND</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</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: HEALTHY, FREE FROM INSECTS, DISEASE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: CERT IS FOR THE CERTIFICATE REFERENCED IN ART 1081.01(C)(3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1081.01, AMER STDS FOR NURSERY STOCK ASA 260.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 56701</th>
<th>SEEDING, CLASS 1</th>
<th>ACRE (HA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT ILOK LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 250.07, 1081.04, ILLINOIS SEED LAW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 56702</th>
<th>SEEDING, CLASS 1A</th>
<th>ACRE (HA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: CERT ILOK LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: PURITY, GERMINATION, % EA COMPONENT, PROPER TAGGING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------: CERTIFICATION SIGNED BY REGISTERED SEED TECHNOLOGIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 250.07, 1081.04, ILLINOIS SEED LAW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 560 LANDSCAPE

--- MATERIAL: 56703 SEEDING, CLASS 1B 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: 56704 SEEDING, CLASS 2 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: 56705 SEEDING, CLASS 2A 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: 56706 SEEDING, CLASS 3 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: 56707 SEEDING, CLASS 4 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: 56708 SEEDING, CLASS 4A 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: 56709 SEEDING, CLASS 4B 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: 56710 SEEDING, CLASS 5 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: 56711 SEEDING, CLASS 5A 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: 56712 SEEDING, CLASS 5B 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: | 56713 | SEEDING, CLASS 6 | 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: | 56714 | SEEDING, CLASS 6A | ACRE (HA ) |
| METHOD OF ACCEPTANCE---: | CERT | EVIDENCE OF INSPECTION: CERT ILOK LA15 |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION |
| UPDATED: | 07/21/2020 |
| 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: | 56715 | SEEDING, CLASS 7 | 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: | 56716 | SEEDING, CLASS 3A | 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: | 56717 | SEEDING, CLASS 5C | ACRE (HA ) |
| METHOD OF ACCEPTANCE---: | CERT | EVIDENCE OF INSPECTION: CERT ILOK LA15 |
| MATERIAL OWNER: | MT |
| SAMPLE SIZE---: | FIELD INSPECTION |
| UPDATED: | 09/27/2018 |
| 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: 56751 SEEDING, MIXTURE SPECIAL ACRE (ACRE )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION-: CERT ILOK LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: VARIOUS 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: 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 M 280, 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:  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.
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 M279, 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 GROUP: 575 FENCING

#### MATERIAL: 57804  FABRIC, WOVEN WIRE FENCE, SPECIAL

| DESC1: | 57804 | DESC2: | SPECIAL | DESC3: | LINFT(METER) |
| DESC2: | MATERIAL: | DESC3: | LINFT(METER) |
| SMALLQTY: | . | |

**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

**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, CONTRACT PLANS

---

#### MATERIAL: 57805  RAIL FENCE, WOVEN WIRE FENCE, SPECIAL

| DESC1: | 57805 | DESC2: | SPECIAL | DESC3: | LINFT(METER) |
| DESC2: | MATERIAL: | DESC3: | LINFT(METER) |
| SMALLQTY: | . | |

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 03/18/2009

**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:** CONTRACT PLANS, SPEC PROV

---

#### MATERIAL: 57901  RAIL FENCE, RUSTIC

| DESC1: | 57901 | DESC2: | SPECIAL | DESC3: | LINFT(METER) |
| DESC2: | MATERIAL: | DESC3: | LINFT(METER) |
| SMALLQTY: | . | |

**METHOD OF ACCEPTANCE:** CERT VIS

**EVIDENCE OF INSPECTION:** CERT MARK LA15

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 07/31/2018

**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:** CONTRACT PLANS, SPEC PROV

---

#### MATERIAL: 57902  FENCE, ORNAMENTAL

| DESC1: | 57902 | DESC2: | SPECIAL | DESC3: | LINFT(METER) |
| DESC2: | MATERIAL: | DESC3: | LINFT(METER) |
| SMALLQTY: | . | |

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 07/31/2018

**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:** CONTRACT PLANS, SPEC PROV

---

#### MATERIAL: 57903  GATE, ORNAMENTAL, SINGLE

| DESC1: | 57903 | DESC2: | SPECIAL | DESC3: | EA |
| DESC2: | MATERIAL: | DESC3: | EA |
| SMALLQTY: | . | |

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 07/31/2018

**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:** CONTRACT PLANS, SPEC PROV

---

#### MATERIAL: 57904  GATE, ORNAMENTAL, DOUBLE

| DESC1: | 57904 | DESC2: | SPECIAL | DESC3: | EA |
| DESC2: | MATERIAL: | DESC3: | EA |
| SMALLQTY: | . | |

**METHOD OF ACCEPTANCE:** CERT

**EVIDENCE OF INSPECTION:** CERT LA15

**MATERIAL OWNER:** MT

**SAMPLE SIZE:** FIELD INSPECTION

**UPDATED:** 07/31/2018

**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:** CONTRACT PLANS, SPEC PROV
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 575 FENCING

--- 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 AVAILABLE,
   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 AVAILABLE,
   SAMPLE AS INDICATED ABOVE.
   SPECIFICATIONS: ART 1006.27, AASHTO M281, HWY STD

Page 259 of 344  Manual of Materials Inspection  5/31/2021
--- MATERIAL: 58014  BRACE, WOVEN WIRE (PIPE) TYPE B  
DESC1: 34  DESC2: 24  DESC3:  
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 1006.28, ASTM F1083, AASHTO M281, HWY STD  

--- MATERIAL: 58015  BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B) LINFT (METER)  
DESC1: 34  DESC2: 24  DESC3:  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: CERT  LA15  
MATERIAL OWNER: MT  
SAMPLE SIZE---: 1 @ 12"  
UPDATED: 02/19/2009  
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, HWY STD  
DOMESTIC STEEL ACT APPLIES  

--- MATERIAL: 58104  POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL  
DESC1: 34  DESC2: 24  DESC3:  
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 1043, HWY STD, TY A  
DOMESTIC STEEL ACT APPLIES  

--- MATERIAL: 58106  POST, TERMINAL, CHAIN LINK (ROLL FORM) GALVANIZED STEEL  
DESC1: 34  DESC2: 24  DESC3:  
METHOD OF ACCEPTANCE---: CERT  
EVIDENCE OF INSPECTION: CERT  LA15  
MATERIAL OWNER: MT  
SAMPLE SIZE---: 1 @ 12"  
UPDATED: 12/30/2015  
CONTAINER1:  
CONTAINER2:  
MEASUREMENT---: TENS. & YIELD STRENGTH, ELONGATION, 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 GR 36 THRU 50, HWY STD  
DOMESTIC STEEL ACT APPLIES
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
<table>
<thead>
<tr>
<th>MATERIAL: 58120</th>
<th>POST, LINE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 34</td>
<td>DESC2: 24</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</td>
<td>LA15</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>UPDATED: 01/06/2011</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>WT OF COATING, WT/L., DIM.,</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAMPLE AS INDICATED ABOVE.</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.27, ASTM F1043, GR 36 THRU 50, HWY STD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 58121</th>
<th>POST TOP, CHAIN LINK, GALVANIZED STEEL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2: 24</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</td>
<td>LA15</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>UPDATED: 05/01/2008</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>WT OF COATING</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAMPLE AS INDICATED ABOVE.</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.27, AASHTO M 232, HWY STD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 58122</th>
<th>POST, TERMINAL, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 34</td>
<td>DESC2: 24</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</td>
<td>LA15</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>UPDATED: 01/06/2011</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>THICKNESS OF VINYL COATING, WT OF ZINC COATING,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WT PER LENGTH</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAMPLE AS INDICATED ABOVE.</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.27, AASHTO M 181, ASTM F1043</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 58123</th>
<th>POST, LINE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 34</td>
<td>DESC2: 24</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</td>
<td>LA15</td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>UPDATED: 01/06/2011</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>THICKNESS OF VINYL COATING, WT OF ZINC COATING,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WT PER LENGTH</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY CONTRACT COMPLIANCE. IF LABEL IS NOT AVAILABLE,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAMPLE AS INDICATED ABOVE.</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.27, AASHTO M 181, ASTM F1043</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
</tbody>
</table>
--- 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
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>EA</th>
<th>SMALLQTY</th>
<th>METHOD OF ACCEPTANCE</th>
<th>EVIDENCE OF INSPECTION</th>
<th>MATERIAL OWNER</th>
<th>SAMPLE SIZE</th>
<th>UPDATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>58135</td>
<td>POST, TERMINAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)</td>
<td>(EA)</td>
<td>.</td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>1 @ 12&quot;</td>
<td>01/06/2011</td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>58136</td>
<td>POST, LINE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)</td>
<td>(EA)</td>
<td>.</td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>1 @ 12&quot;</td>
<td>12/30/2015</td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>58137</td>
<td>POST, GATE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)</td>
<td>(EA)</td>
<td>.</td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>1 @ 12&quot;</td>
<td>12/30/2015</td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>58201</td>
<td>POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE)</td>
<td>(EA)</td>
<td>.</td>
<td>CERT</td>
<td>CERT LA15</td>
<td>MT</td>
<td>1 @ 12&quot;</td>
<td>12/30/2015</td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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 Ø 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 Ø 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 Ø 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 Ø 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

**DEC1:** MATERIAL GROUP: 575  **DEC2:** FENCING  
**DESC3:** LINFT(METER)  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT LA15  
**MATERIAL OWNER:** MT  
**SAMPLE SIZE:** 1 @ 36"  
**UPDATED:** 03/16/2009

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

**DEC1:** 18  **DEC2:** 19  
**DESC3:**  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT LA15  
**MATERIAL OWNER:** MT  
**SAMPLE SIZE:** FIELD INSPECTION  
**UPDATED:** 12/30/2015

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

**DEC1:** 18  **DEC2:** 19  
**DESC3:**  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT LA15  
**MATERIAL OWNER:** MT  
**SAMPLE SIZE:** FIELD INSPECTION  
**UPDATED:** 12/30/2015

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

**DEC1:** 18  **DEC2:** 19  
**DESC3:**  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT LA15  
**MATERIAL OWNER:** MT  
**SAMPLE SIZE:** FIELD INSPECTION  
**UPDATED:** 04/02/2012

<table>
<thead>
<tr>
<th>CONTAINER1:</th>
<th>CONTAINER2:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

**DEC1:** 18  **DEC2:** 19  
**DESC3:**  
**SMALLQTY:** .

**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT LA15  
**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></td>
<td></td>
</tr>
</tbody>
</table>

**MEASUREMENT:** OUTSIDE DIA., WALL THICKNESS, WT/L, WT OF COAT.  
**REMARK:** DOMESTIC STEEL ACT APPLIES  
**SPECIFICATIONS:** ART 1006.28, HWY STD
MATERIAL GROUP: 575 FENCING

--- MATERIAL: 58506  GATE, WOVEN WIRE, DOUBLE  EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT  LA15
SAMPLE SIZE---: FIELD INSPECTION  UPDATED: 04/15/2008
MATERIAL OWNER: MT
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 )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT  LA15
SAMPLE SIZE---:  UPDATED: 04/15/2008
MATERIAL OWNER: MT
CONTAINER1:  CONTAINER2:
MEASUREMENT---: IN ACCORDANCE WITH SPEC PROV
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: CONTRACT PLANS, SPEC PROV

--- MATERIAL: 58604  GLARE GUARD  LINFT (METER )
METHOD OF ACCEPTANCE---: VIS
EVIDENCE OF INSPECTION--: VIS
SAMPLE SIZE---: 2'4" X 12'2"  UPDATED: 02/27/2017
MATERIAL OWNER: MT
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
--- MATERIAL: 60101  SHEET, ALUMINUM, ASTM B 209, ALLOY 6061-T6
  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
  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
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: CBM  LA15 TEST
  MATERIAL OWNER: AC
  SAMPLE SIZE---: 1 @ 12"
  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
  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
  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
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>60401</td>
<td>BEADS, SMALL, GLASS, PAVEMENT LINE MARKING</td>
<td>LB (M TON)</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: LA15 ILOK CBM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE: 1 QUART PER LOT</td>
<td>UPDATED: 05/20/2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1: 05</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT: GRADATION, IMPERFECTIONS, FLOW TEST, CHEM. STABILITY, INDEX OF REFRACTION, SILICA CONTENT, HEAVY METALS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK: SEE SHELF LIFE DOCUMENT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: ART 1095.07</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>60407</td>
<td>BEADS, BIG, GLASS, EPOXY PAVEMENT MARKING</td>
<td>LB (M TON)</td>
<td>METHOD OF ACCEPTANCE: TEST</td>
<td>EVIDENCE OF INSPECTION: LA15 ILOK CBM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE: 1 QUART PER LOT</td>
<td>UPDATED: 05/20/2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1: 05</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT: GRADATION, IMPERFECTIONS, INDEX OF REFRACTION, SILICA CONTENT, HEAVY METALS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK: SEE SHELF LIFE DOCUMENT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: ART 1095.04</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>60410</td>
<td>BEAD, GLASS REFLECTIVE ELEMENTS, WHITE</td>
<td>LB ( )</td>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE:</td>
<td>UPDATED: 04/17/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: ART 1095.08</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>60411</td>
<td>BEAD, GLASS REFLECTIVE ELEMENTS, YELLOW</td>
<td>LB ( )</td>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MATERIAL OWNER: AC</td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE:</td>
<td>UPDATED: 04/17/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: ART 1095.08</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>60601</td>
<td>POST, DELINEATOR, GALV. STEEL CHANNEL</td>
<td>PC (EA)</td>
<td>METHOD OF ACCEPTANCE: CERT</td>
<td>EVIDENCE OF INSPECTION: CERT LA15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE: 1 @ 12&quot;</td>
<td>UPDATED: 02/22/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT: DIM., YIELD &amp; TENS. STRENGTH, ELONGATION, WT/L, COATING THICKNESS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: ART 1006.29, HWY STD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL:</td>
<td>60602</td>
<td>POST, MARKER, GALV. STEEL, CHANNEL</td>
<td>PC (EA )</td>
<td></td>
</tr>
<tr>
<td>Material Group: 600</td>
<td>DESC1: 12</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td>SMALLQTY:</td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td>EVIDENCE OF INSPECTION-: CERT LA15</td>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>1 @ 12&quot;</td>
<td>UPDATED: 02/22/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., YIELD &amp; TENS. STRENGTH, ELONGATION, WT/L, COATING THICKNESS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>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>
</tr>
</tbody>
</table>

| MATERIAL: | 60603 | POST, SIGN, GALV. STEEL CHANNEL | PC (EA ) |
| Material Group: 600	| DESC1: 12 | DESC2: | DESC3: | SMALLQTY: |
| METHOD OF ACCEPTANCE---: CERT | EVIDENCE OF INSPECTION-: CERT LA15 | MATERIAL OWNER: MT |
| SAMPLE SIZE---: | 1 @ 12" | UPDATED: 02/22/2019 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., YIELD & TENS STRENGTH, ELONGATION, WT/L, COATING THICKNESS |
| REMARK--------: | DOMESTIC STEEL ACT APPLIES |
| SPECIFICATIONS: | ART 1006.29, HWY STD |

| MATERIAL: | 60604 | POST, DELINEATOR, ENAM. STEEL CHANNEL | PC (EA ) |
| Material Group: 600	| DESC1: 12 | DESC2: | DESC3: 35 | SMALLQTY: |
| METHOD OF ACCEPTANCE---: CERT | EVIDENCE OF INSPECTION-: CERT LA15 | MATERIAL OWNER: MT |
| SAMPLE SIZE---: | 1 @ 12" | UPDATED: 02/19/2009 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., YIELD & TENS. STRENGTH, ELONGATION, WT/L, COATING THICKNESS |
| REMARK--------: | DOMESTIC STEEL ACT APPLIES |
| SPECIFICATIONS: | ART 1006.29, HWY STD |

| MATERIAL: | 60606 | POST, SIGN, ENAM. STEEL CHANNEL | PC (EA ) |
| Material Group: 600	| DESC1: 12 | DESC2: | DESC3: | SMALLQTY: |
| METHOD OF ACCEPTANCE---: CERT | EVIDENCE OF INSPECTION-: CERT LA15 | MATERIAL OWNER: MT |
| SAMPLE SIZE---: | 1 @ 12" | UPDATED: 02/22/2019 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., YIELD & TENS. STRENGTH, ELONGATION, WT/L., COATING THICKNESS |
| REMARK--------: | DOMESTIC STEEL ACT APPLIES |
| SPECIFICATIONS: | ART 1006.29, HWY STD |

| MATERIAL: | 60608 | POST, DELINEATOR, STEEL CHANNEL | PC (EA ) |
| Material Group: 600	| DESC1: 12 | DESC2: | DESC3: | SMALLQTY: |
| METHOD OF ACCEPTANCE---: CERT | EVIDENCE OF INSPECTION-: CERT LA15 | MATERIAL OWNER: MT |
| SAMPLE SIZE---: | 1 @ 12" | UPDATED: 02/22/2019 |
| CONTAINER1: | CONTAINER2: |
| MEASUREMENT---: | DIM., YIELD & TENS. STRENGTH, ELONGATION |
| REMARK--------: | DOMESTIC STEEL ACT APPLIES |
| SPECIFICATIONS: | ART 1006.29, TY C (NO PAINT OR GALV.) |

REMARK: DOMESTIC STEEL ACT APPLIES.
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 600 SIGNING

--- MATERIAL: 60701 POST, STRUCTURAL STEEL SHAPE, GRADE 36 LB (KG )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 12" UPDATED: 04/02/2012
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION, COATING THICKNESS
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1093.01
BRIDGE OFFICE COLLECTS DOCUMENTS

--- MATERIAL: 60702 STUB, STRUCTURAL STEEL LB (KG )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: UPDATED: 06/16/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION, COATING THICKNESS, WT/L
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: AASHTO M270, M111
BRIDGE OFFICE COLLECTS DOCUMENTS

--- MATERIAL: 60901 POST, TUBULAR, RECTANGLE, ASTM A500 LB (KG )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: LA15 ILOK TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 1 @ 12" UPDATED: 05/15/2019
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, COATING THICKNESS, ELONGATION, WT/L
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1093.01, ASTM A500/500M GR B, AASHTO M 111, OR ASTM A501/501M

--- MATERIAL: 60903 POST, TUBULAR, SQUARE, TELESCOPING LINFT(METER )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 12/20/2018
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., COATING THICKNESS
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1093.01, ASTM A1008, AASHTO M111

--- MATERIAL: 60904 STUB, TUBULAR RECTANGLE LB (KG )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION--: CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 05/15/2019
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION, COATING THICKNESS, WT/L
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1093.01, AASHTO M 111
---> 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

MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 600 SIGNING
### Manual for Materials Inspection - Part 2

**Material Group:** 600 Signing

---

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
<th>Units</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>61207</td>
<td>Reflector, for Delineators</td>
<td>EA</td>
<td>Qual</td>
<td>LIST</td>
<td>3 pieces</td>
<td>08</td>
<td>Heat Test, Seal Test, Retro Reflectivity, Dim</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61208</td>
<td>Reflector, Curb</td>
<td>EA</td>
<td>Qual</td>
<td>LIST</td>
<td>3 pieces</td>
<td>08</td>
<td>Heat Test, Seal Test, Retro Reflectivity, Dim, Load</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61301</td>
<td>Sign, Standard-Special</td>
<td>EA</td>
<td>Test</td>
<td>LA15 Test</td>
<td></td>
<td>08</td>
<td>Aluminium and Reflective Sheet Before Fabrication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61302</td>
<td>Sign Panels, complete</td>
<td>SQFT</td>
<td>Test</td>
<td>LA15 Test</td>
<td></td>
<td>08</td>
<td>Aluminium and Reflective Sheet Before Fabrication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61303</td>
<td>Overhead Sign Structure &amp; Walkways (LINFT)</td>
<td>LINFT</td>
<td>Cert</td>
<td>BB59 and CERT</td>
<td></td>
<td>04/02/2012</td>
<td>Dimensions</td>
<td>Fabrication checked by BBS, Domestic Steel Act if Applicable</td>
<td></td>
</tr>
</tbody>
</table>

**Specifications:**
- Art 1097.03
- Art 1097.04
- Sec 1090, 1091
- Art 1094.01, Contract Plans
--- MATERIAL: 61326  CONES, TRAFFIC, POLY VINYL CHLORIDE  EA (EA )
    METHOD OF ACCEPTANCE---:  QUAL
    EVIDENCE OF INSPECTION:  LIST
MATERIAL GROUP: 600  SIGNING
SAMPLE SIZE---:  2 CONES  UPDATED: 11/15/2017
CONTAINER1:  08  CONTAINER2:
MEASUREMENT---:  COLOR, HEIGHT, WT, PERCENT WT IN BASE, BASE SIZE, HEAT RESISTANCE, STACKING SPACERS, CONSTRUCTION
REMARK------- :  
SPECIFICATIONS:  TRAFFIC COMMODITY SPEC T-12

--- MATERIAL: 61327  BARRICADE  EA (EA )
    METHOD OF ACCEPTANCE---:  CERT
    EVIDENCE OF INSPECTION:  CERT
MATERIAL GROUP: 600  SIGNING
SAMPLE SIZE---:  FIELD INSPECTION  UPDATED: 01/24/2020
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  DIMENSIONS, MATCHES DETAILED DRAWINGS ON FHWA LETTER
REMARK------- :  CERT IN THIS CASE = FHWA LETTER STATING THE DEVICE MEETS THE NCHRP350 OR MASH2016 REQUIREMENTS FOR CAT2 TEST LEVEL3
SPECIFICATIONS:  ART 1106.02

--- MATERIAL: 61337  CHANNELIZATION DRUM  EA (EA )
    METHOD OF ACCEPTANCE---:  QUAL
    EVIDENCE OF INSPECTION:  LIST
MATERIAL GROUP: 600  SIGNING
SAMPLE SIZE---:  1 EACH  UPDATED: 11/15/2017
CONTAINER1:  08  CONTAINER2:
MEASUREMENT---:  DIM, BASE CONS, SHEETING TYPE
REMARK------- :  
SPECIFICATIONS:  TRAFFIC COMMODITY SPEC T-31

--- MATERIAL: 61339  OVERHEAD SIGN STRUCTURE-SUPPORT  EA (EA )
    METHOD OF ACCEPTANCE---:  CERT
    EVIDENCE OF INSPECTION:  BB59 AND CERT
MATERIAL GROUP: 600  SIGNING
SAMPLE SIZE---:  FIELD INSPECTION  UPDATED: 11/30/2020
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  DIMENSIONS
REMARK------- :  FABRICATION CHECKED BY BBS DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1094.01, CONTRACT PLANS

--- MATERIAL: 61340  OVERHEAD SIGN STRUCTURE, CANTILEVER  LINFT(METER )
    METHOD OF ACCEPTANCE---:  CERT
    EVIDENCE OF INSPECTION:  BB59 AND CERT
MATERIAL GROUP: 600  SIGNING
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: 61341  OVERHEAD SIGN STRUCTURE, TRUSS  EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: 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  EA (EA )
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  EA (EA )
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  EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT  LA15  MATERIAL OWNER: AC
SAMPLE SIZE---:
CONTAINER1:  CONTAINER2:
MEASUREMENT---: DIM., WORKMANSHIP
REMARK--------: 
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS

--- MATERIAL: 61347  MARKER, FLEXIBLE PAVEMENT, TEMPORARY  EA (EA )
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
### MATERIAL: 61608
**Joint Filler, Preformed Polychloroprene (Rod Stock)**

- **Method of Acceptance:** Test
- **Evidence of Inspection:** LA15 ILOK
- **Sample Size:** 1 @ 2 FT.
- **Updated:** 10/24/2018
- **Material Owner:** MT
- **Sample Size:** 1 @ 2 FT.
- **Updated:** 10/24/2018
- **Material Owner:** MT
- **Remark:** Acceptance Sample Tested by Central Bureau
- **Specifications:** ART 1051.08, BSP

---

### MATERIAL: 61610
**Joint Filler, Preformed Fiber**

- **Method of Acceptance:** Test
- **Evidence of Inspection:** LA15 Test
- **Sample Size:** 1 @ 2 SQ FT. PER 1,000 SQ. FT. CUT AT RANDOM FROM SEPARATE PIECES, MINIMUM 4" WIDE SAMPLE STRIPS
- **Updated:** 01/22/2020
- **Material Owner:** BC
- **Sample Size:** 1 @ 2 SQ FT
- **Updated:** 01/22/2020
- **Material Owner:** BC
- **Remark:** Specifications: ART 1051.04, AASHTO M 213

---

### MATERIAL: 61612
**Joint Filler, Preformed Cork**

- **Method of Acceptance:** Test
- **Evidence of Inspection:** Test LA15
- **Sample Size:** 1 @ 2 SQ FT
- **Updated:** 02/21/2020
- **Material Owner:** MT
- **Sample Size:** 1 @ 2 SQ FT
- **Updated:** 02/21/2020
- **Material Owner:** MT
- **Remark:** Specifications: ART 1051.06, AASHTO M 153, TY II

---

### MATERIAL: 61613
**Joint Filler, Preformed Self-Expanding Cork**

- **Method of Acceptance:** Test
- **Evidence of Inspection:** Test LA15
- **Sample Size:** 1 @ 2 SQ. FT. PER 1,000 LIN. FT. CUT AT RANDOM FROM SEPARATE PIECES
- **Updated:** 03/04/2020
- **Material Owner:** MT
- **Sample Size:** 1 @ 2 SQ. FT
- **Updated:** 03/04/2020
- **Material Owner:** MT
- **Remark:** Specifications: ART 1051.07, AASHTO M 153, TY III

---

### MATERIAL: 61615
**Joint Filler, Preformed Flexible Foam**

- **Method of Acceptance:** Test
- **Evidence of Inspection:** LA15 Test
- **Sample Size:** 1 @ 2 SQ FT
- **Updated:** 04/17/2019
- **Material Owner:** MT
- **Sample Size:** 1 @ 2 SQ FT
- **Updated:** 04/17/2019
- **Material Owner:** MT
- **Remark:** Specifications: ART 1051.09
--- MATERIAL: 61701  MASTIC, CONCRETE PIPE SEALER - TROWELABLE  GAL (LITER )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: BC
   SAMPLE SIZE---:  1 QUART PER BATCH  UPDATED: 11/15/2017
   CONTAINER1: 05  CONTAINER2:
   MEASUREMENT---:  PEN., LOSS ON HEATING, INORGANIC CONTENT, FLOW, PLIABILITY
   REMARK------:
   SPECIFICATIONS:  ART 1055.01

--- MATERIAL: 61704  GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BITUMEN  LINFT(METER )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: BC
   SAMPLE SIZE---:  NONE REQUIRED  UPDATED: 10/10/2017
   CONTAINER1: 08  CONTAINER2:
   MEASUREMENT---:
   REMARK------:
   SPECIFICATIONS:  ART 1056.01

--- MATERIAL: 61706  GASKET, RUBBER  EA (EA )
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION-: CERT LA15  MATERIAL OWNER: MT
   SAMPLE SIZE---:  NONE REQUIRED  UPDATED: 02/27/2017
   CONTAINER1:  CONTAINER2:
   MEASUREMENT---:
   REMARK------:
   SPECIFICATIONS:  ART 1056.01

--- MATERIAL: 61802  WATER SEAL, P.V.C.  LINFT(METER )
   DESC1:  DESC2:  DESC3:  SMALLQTY: 100
   METHOD OF ACCEPTANCE---: TEST
   EVIDENCE OF INSPECTION-: LA15 TEST  MATERIAL OWNER: MT
   SAMPLE SIZE---:  1 @ 1 FT. PER BATCH  UPDATED: 03/05/2019
   CONTAINER1:  CONTAINER2:
   MEASUREMENT---:  TENS. STRENGTH, ELONGATION
   REMARK------:  ACCEPTANCE SAMPLE TESTED BY CBM
   SPECIFICATIONS:  ART 1054.02

--- MATERIAL: 61904  JOINT SEALER, PREFORMED COMPRESSION, PAVEMENT  LINFT(METER )
   DESC1:  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. STRENGTH, ELONGATION, HARDNESS, HEAT AGING, MIN. FORCE Req. TO COMPRESS TO 80%
   REMARK------:  SAMPLED AT FABRICATOR OR DISTRIBUTION CENTER. CONTACT DIST.BUR.MATLS TO VERIFY APPROVED LOTS.
   SPECIFICATIONS:  ART 1053.01, ASTM D2628
--- 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 DB (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 PROP FOR SILICONE BRIDGE JOINT SEALER
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 615 JOINT FILLERS & SEALERS

---> MATERIAL: 61912  JOINT SEALER, POLYSULFIDE
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION---: CERT LA15
     SAMPLE SIZE---: NONE
     MATERIAL OWNER: AC
     UPDATED: 06/16/2009
     REMARK---------: MARK IS OK IF IT CONTAINS SPECIFICATION REFERENCE;
                     OTHERWISE, CERT IS REQUIRED.
     SPECIFICATIONS: ART 1050.03

---> MATERIAL: 61913  JOINT SEALER, LONGITUDINAL
     METHOD OF ACCEPTANCE---: QUAL TEST
     EVIDENCE OF INSPECTION---: LIST TEST AND BOL
     SAMPLE SIZE---: 1 QUART PER BATCH (APPLIES TO LIQUID PRODUCTS)
     MATERIAL OWNER: BC
     UPDATED: 02/27/2017
     REMARK---------: MARK IS OK IF IT CONTAINS SPECIFICATION REFERENCE;
                     OTHERWISE, CERT IS REQUIRED.
     SPECIFICATIONS: CBM SPEC PROV FOR HMA LONGITUDINAL JOINT SEALANT
                     ART 406.02(D)

---> MATERIAL: 61914  JOINT SEALER, POLYURETHANE
     METHOD OF ACCEPTANCE---: CERT
     EVIDENCE OF INSPECTION---: CERT LA15
     SAMPLE SIZE---: 1 PIECE AT 5FT LONG
     MATERIAL OWNER: AC
     UPDATED: 02/02/2016
     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
     SAMPLE SIZE---: 1 PIECE AT 5FT LONG
     MATERIAL OWNER: MT
     UPDATED: 09/20/2019
     REMARK---------: JOINT INSTALLATION SHALL BE PER MANUFACTURES INSTRUCTIONS
     SPECIFICATIONS: GBSP 89 OR 93

---> MATERIAL: 62002  JOINT AND CRACK FILLER, ASPHALT GRADE PAF-2
     DESC1:  DESC2:  DESC3:  SMALLQTY: 200
     METHOD OF ACCEPTANCE---: TEST
     EVIDENCE OF INSPECTION---: LA15 ILOK TEST
     SAMPLE SIZE---: 1 QUART PER BATCH
     MATERIAL OWNER: BC
     UPDATED: 04/17/2019
     REMARK--------: SPECIFICATIONS: ART 1032.11

-- MATERIAL: 62003  JOINT AND CRACK FILLER, ASPHALT GRADE PAF-3  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:  CONTAINER2:  
MEASUREMENT---:  SPG, FLASH POINT, SOFTENING POINT, PEN. @ 32,77 &115F
DUCTILITY, SOLUBILITY, LOSS ON HEATING, PEN RET
REMARK--------:  
SPECIFICATIONS:  ART 1032.11

-- MATERIAL: 62006  JOINT AND CRACK FILLER, ASPHALT, FIBER MODIFIED  LB (KG )
DESC1:  DESC2:  DESC3:  SMALLQTY:  
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT
MATERIAL OWNER: BC
SAMPLE SIZE---:  UPDATED: 03/17/2020
CONTAINER1:  CONTAINER2:  
MEASUREMENT---:  
REMARK--------:  CERTS SHOULD INCLUDE COMPONENT PRODUCER CERTS
SPECIFICATIONS:  SUPP SPEC PROV - CHECK SHEETS 29, 30, 31

-- MATERIAL: 62101  EXPANSION JOINTS, NEOPRENE  LINTFT(METER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: LA15  TEST
MATERIAL OWNER: MT
SAMPLE SIZE---:  1 @ 12"  UPDATED: 04/09/2021
CONTAINER1:  CONTAINER2:  
MEASUREMENT---:  TENS. STRENGTH, ELONGATION, HARDNESS, COMPRESSION SET
REMARK--------:  ACCEPTANCE SAMPLE TESTED BY CBM
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1052.02

-- MATERIAL: 62103  EXPANSION JOINTS, EPDM  LINTFT(METER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION---: LA15  TEST CBM
MATERIAL OWNER: MT
SAMPLE SIZE---:  1 @ 2 FT.  UPDATED: 04/09/2021
CONTAINER1:  CONTAINER2:  
MEASUREMENT---:  TENS. STRENGTH, HARDNESS, ELONGATION, COMPRESSION SET
REMARK--------:  ACCEPTANCE SAMPLE TESTED BY CBM
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1052.02, GBSP 89 & 93

-- MATERIAL: 62106  EXPANSION JOINT, MODULAR  LINTFT(METER )
DESC1:  DESC2:  DESC3:  SMALLQTY: 100
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15
MATERIAL OWNER: MT
SAMPLE SIZE---:  NONE  UPDATED: 03/05/2019
CONTAINER1:  CONTAINER2:  
MEASUREMENT---:  NONE
REMARK--------:  PROD MUST BE ON BBS APPROVED LIST FOR PREQUAL MOD EXP JOINTS
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  GUIDE BRIDGE SPEC PROV FOR MODULAR EXPANSION JOINT
-- 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 M 227/227M, 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 M 227/227M, 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 (SQ M )
DESC1: 44 DESC2: 50 DESC3: 86 SMALLQTY:.

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)

--> MATERIAL: 6280105 FABRIC PAVEMENT, WELDED WIRE, DEFORM, EPOXY SQYD (SQ M )
DESC1: 44 DESC2: 50 DESC3: 86 SMALLQTY:.

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, 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 )
DESC1: 44 DESC2: 50 DESC3: 86 SMALLQTY:.

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 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 )
DESC1: 44 DESC2: 50 DESC3: 86 SMALLQTY:.

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
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
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
CONTAINER1:
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.
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
CONTAINER1:
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
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
CONTAINER1:
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
SQYD (SQM )
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:
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)
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 625 REINFORCING STEEL

--- MATERIAL: 6291660  BAR, DEFORM BILLET, ASTM A-706 60  LB (KG )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT AND MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE & SOURCE
UPDATED: 02/09/2015
CONTAINER1: CONTAINER2: MEASUREMENT---: YIELD & TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS
REMARK------- : CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: ART 1006.10, IDOT POLICY MEMO
(RE-BAR PLANT CERT. PROCEDURE)

--- MATERIAL: 6291760  BAR, SMOOTH BILLET, ASTM A-706 60  LB (KG )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE & SOURCE
UPDATED: 10/10/2017
CONTAINER1: CONTAINER2: MEASUREMENT---: YIELD & TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS
REMARK------- : CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: ART 1006.10, IDOT POLICY MEMO
(RE-BAR PLANT CERT. PROCEDURE)

--- MATERIAL: 6291860  BAR, DEFORM BILLET, ASTM A-706 60 EPOXY COATED  LB (KG )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT AND MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE & SOURCE
UPDATED: 12/30/2015
CONTAINER1: CONTAINER2: MEASUREMENT---: YIELD & TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS, COATING THICKNESS
REMARK------- : CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: ART 1006.10, IDOT POLICY MEMOS
(RE-BAR PLANT CERT. PROC) (EPOXY COATING PLANT CERT PROC)

--- MATERIAL: 6291960  BAR, SMOOTH BILLET, ASTM A-706 60 EPOXY COATED  LB (KG )
METHOD OF ACCEPTANCE---: QUAL AND CERT
EVIDENCE OF INSPECTION--: LIST AND CERT
MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE & SOURCE
UPDATED: 12/30/2015
CONTAINER1: CONTAINER2: MEASUREMENT---: YIELD & TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS, COATING THICKNESS
REMARK------- : CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS: ART 1006.10, IDOT POLICY MEMO
(RE-BAR PLANT CERT PROC) (EPOXY COATING PLANT CERT PROC)

--- MATERIAL: 6292060  BAR, DEFORM BILLET, ASTM A-706 60 TEXTURED EPOXY COATED  LB (KG )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: TEST AND MARK
MATERIAL OWNER: MT
SAMPLE SIZE---: 2 @ 6FT FOR EACH SIZE & SOURCE
UPDATED: 03/20/2020
CONTAINER1: CONTAINER2: MEASUREMENT---: YIELD & TENS. STRENGTH, ELONGATION, BEND TEST, WT/L MARKINGS, COATING THICKNESS
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.10, SPEC PROV, IDOT POLICY MEMOS
(REBAR, EPOXY COATING & TEXTURED SYSTEM PLANT CERT PROC)
SPECIFICATIONS:

REMARK
MEASUREMENT
CONTAINER1: SAMPLE

SPECIFICATIONS:

MEASUREMENT
SAMPLE
CONTAINER1:

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT
SAMPLE
CONTAINER1:

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT

SPECIFICATIONS:

MEASUREMENT
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE SPECIFICATIONS:
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE SPECIFICATIONS:
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE SPECIFICATIONS:
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE SPECIFICATIONS:
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE SPECIFICATIONS:
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE SPECIFICATIONS:
REMARK
MEASUREMENT
CONTAINER1:
SAMPLE SPECIFICATIONS:
------- ------- ------- ------- ------- -------
MATERIAL:

DESC1: DESC2: DESC3: SMALLQTY: 
METHOD OF ACCEPTANCE--=: TEST 
EVIDENCE OF INSPECTION:- MATERIAL OWNER: MT 
SAMPLE SIZE---: 3FT LENGTH FOR EACH SIZE & SOURCE 
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:

DESC1: DESC2: DESC3: SMALLQTY: 
METHOD OF ACCEPTANCE--=: TEST 
EVIDENCE OF INSPECTION:- MATERIAL OWNER: MT 
SAMPLE SIZE---: 2 @ 48" LONG FOR EACH REEL 
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:

DESC1: DESC2: DESC3: SMALLQTY: 
METHOD OF ACCEPTANCE--=: TEST 
EVIDENCE OF INSPECTION:- MATERIAL OWNER: MT 
SAMPLE SIZE---: 2 @ 48" LONG FOR EACH REEL 
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:

DESC1: DESC2: DESC3: SMALLQTY: 
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 
QNT OF ALL SPICERS 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:

DESC1: DESC2: DESC3: SMALLQTY: 
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 
QNT OF ALL SPICERS 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
<table>
<thead>
<tr>
<th>MATERIAL: 6521350</th>
<th>PLATE, GRADE 50</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: BB59 AND CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</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: SPEC PROV, AASHTO M-270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 65213501</th>
<th>PLATE, GRADE 50W</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: BB59 AND CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</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: SPEC PROV, AASHTO M-270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 65213701</th>
<th>PLATE, GRADE 70W</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: BB59 AND CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</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: SPEC PROV, AASHTO M-270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 6530736</th>
<th>SHAPE, GRADE 36</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: BB59 AND CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</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: SPEC PROV, AASHTO M-270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 6530750</th>
<th>SHAPE, GRADE 50</th>
<th>LB ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION: BB59 AND CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: MT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER2:</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: SPEC PROV, AASHTO M-270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRIDGE OFFICE COLLECTS DOCUMENTS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 650 STRUCTURAL STEEL

---> MATERIAL: 65307501 SHAPE, GRADE 50W
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION---: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE---:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
                  BB59-BB59
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
                   BRIDGE OFFICE COLLECTS DOCUMENTS

---> MATERIAL: 65307701 SHAPE, GRADE 70W
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION---: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE---:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
                  BB59-BB59
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
                   BRIDGE OFFICE COLLECTS DOCUMENTS

---> MATERIAL: 65407 TEE, EXPANSION JOINT
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION---: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE---:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
                  BB59-BB59
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
                   BRIDGE OFFICE COLLECTS DOCUMENTS

---> MATERIAL: 6541036 SHAPE ANGLES GRADE 36
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION---: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE---:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
                  BB59-BB59
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
                   BRIDGE OFFICE COLLECTS DOCUMENTS

---> MATERIAL: 6541050 SHAPE ANGLES GRADE 50
   METHOD OF ACCEPTANCE---: CERT
   EVIDENCE OF INSPECTION---: BB59 AND CERT
   MATERIAL OWNER: MT
   SAMPLE SIZE---:
   CONTAINER1: CONTAINER2:
   MEASUREMENT---:
   REMARK-------- : DOMESTIC STEEL ACT APPLIES
                  BB59-BB59
   SPECIFICATIONS: SPEC PROV, AASHTO M-270
                   BRIDGE OFFICE COLLECTS DOCUMENTS
<table>
<thead>
<tr>
<th>SPECIFICATIONS:</th>
<th>REMARK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td></td>
</tr>
</tbody>
</table>

### Container 1: Shape Angles Grade 50W
- **Material:** 65410501
- **Shape Angles Grade 50W**
- **Description:** 52
- **Description:** 16
- **Description:** 12
- **Small QTY:** .
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** BB59 AND CERT
- **Sample Size:**
- **Specifications:** SPEC PROV, AASHTO M-270
- **Remark:** DOMESTIC STEEL ACT APPLIES BB59-BB59
- **Updated:** 05/15/2019

### Container 1: Shape Angles Grade 70W
- **Material:** 65410701
- **Shape Angles Grade 70W**
- **Description:** 52
- **Description:** 16
- **Description:** 12
- **Small QTY:** .
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** BB59 AND CERT
- **Sample Size:**
- **Specifications:** SPEC PROV, AASHTO M-270
- **Remark:** DOMESTIC STEEL ACT APPLIES BB59-BB59
- **Updated:** 05/15/2019

### Container 1: Structural Steel, Miscellaneous
- **Material:** 65498
- **Structural Steel, Miscellaneous**
- **Description:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** BB59 AND CERT
- **Sample Size:**
- **Specifications:** SPEC PROV, AASHTO M-270
- **Remark:** DOMESTIC STEEL ACT APPLIES BB59-BB59
- **Updated:** 04/15/2008

### Container 1: Structural Steel, Miscellaneous
- **Material:** 65499
- **Structural Steel, Miscellaneous**
- **Description:**
- **Method of Acceptance:** CERT
- **Evidence of Inspection:** BB59 AND CERT
- **Sample Size:**
- **Specifications:** SPEC PROV, AASHTO M-270
- **Remark:** DOMESTIC STEEL ACT APPLIES BB59-BB59
- **Updated:** 04/15/2008

### Container 1: Bolt, ASTM A 325, Type 1
- **Material:** 65501
- **Bolt, ASTM A 325, Type 1**
- **Description:** 14
- **Description:** 12
- **Description:** 04
- **Small QTY:** .
- **Method of Acceptance:** TEST
- **Evidence of Inspection:** CBM LA15 ILOK TEST
- **Sample Size:** 5 PIECES PER LOT
- **Specifications:** ART 1006.08, ASTM F3125
- **Remark:** ACCEPTANCE SAMPLES AT DESTINATION (ROTATION CAP DOC REQUIRED)
- **Updated:** 03/05/2021

---

*Manual for Materials Inspection – Part 2*

**Material Group:** 650 Structural Steel
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 650 STRUCTURAL STEEL

---> MATERIAL: 65503 BOLT, ASTM A 325, TYPE 3 LB ( )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 03/05/2019
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 F3125
DOMESTIC STEEL ACT APPLIES

---> MATERIAL: 65504 PIN, BRIDGE BEARING PC (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: BB59 AND CERT MATERIAL OWNER: MT
SAMPLE SIZE---: UPDATED: 04/15/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV, AASHTO M-270
BRIDGE OFFICE COLLECTS DOCUMENTS

---> MATERIAL: 65507 BOLT, ASTM A325, TYPE 1, ROUND HEAD, TORQUE TWIST OFF LB (EA )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 03/05/2019
CONTAINER1: 11 CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, TENS. STRENGTH, CHANGE IN LENGTH OR HARDNESS OR YIELD STRENGTH, ELONGATION, REDUCTION OF AREA
REMARK--------: ACCEPTANCE SAMPLES AT DESTINATION(ROTATION CAP DOC REQUIRED)
SPECIFICATIONS: ART 1006.08, ASTM F3125
DOMESTIC STEEL ACT APPLIES

---> MATERIAL: 65511 PIN, BRIDGE, STAINLESS STEEL, NITRONIC 60 PC (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 08/18/2015
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIM., WORKMANSHIP
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS
ASTM A276

---> MATERIAL: 65601 NUT, ASTM A 194 GRADE 2 LB ( )
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, PROOF LOAD OR HARDNESS
REMARK--------:
SPECIFICATIONS: ART 1006.29, ASTM A194/194M
DOMESTIC STEEL ACT APPLIES
MATERIAL GROUP: 650 STRUCTURAL STEEL

---> MATERIAL: 65602 NUT, ASTM A 194 GRADE 2H
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, PROOF LOAD OR HARDNESS
REMARK--------: SPECIFICATIONS: ART 1006.29, ASTM A194/194M
DOMESTIC STEEL ACT APPLIES

---> MATERIAL: 65603 NUT, ASTM A 563, GRADE C
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, PROOF LOAD OR HARDNESS
REMARK--------: ACCEPTANCE SAMPLES AT DESTINATION (ROTATION CAP DOC REQUIRED)
SPECIFICATIONS: ART 1006.08, ASTM A563
DOMESTIC STEEL ACT APPLIES

---> MATERIAL: 65606 NUT, ASTM A 563 GRADE DH
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, PROOF LOAD OR HARDNESS
REMARK--------: ACCEPTANCE SAMPLES AT DESTINATION (ROTATION CAP DOC REQUIRED)
SPECIFICATIONS: ART 1006.08, ASTM A563
DOMESTIC STEEL ACT APPLIES

---> MATERIAL: 65610 NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED GALV.
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 ILOK MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 10/10/2017
CONTAINER1: 11  CONTAINER2: 04
MEASUREMENT---: DIM., MARKINGS, PROOF LOAD OR HARDNESS, COATING THICKNESS
REMARK--------: SPECIFICATIONS: ART 1006.08, ASTM A563
DOMESTIC STEEL ACT APPLIES

---> MATERIAL: 65701 WASHER, ASTM F 436, CARBON STEEL
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 03/05/2019
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: 65702 WASHER, ASTM F 436, WEATHERING STEEL LB ( )
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 )
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 ( )
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.)   PC (EA )
  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.)   PC (EA )
  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   LB ( )
  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   LB ( )
  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
--> 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. STRENGTH 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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

--- MATERIAL: 67619 BOLT, ASTM A 490


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


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


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: 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: 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
**Material Group: 675 Miscellaneous Steel**

---

**Material: 67631**  
BOLT, ROUND HEAD, GALVANIZED  
PC (EA)  
Desc1: 14  
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

---

**Material: 67632**  
ASSEMBLY, ANCHOR BOLT  
EA (EA)  
Desc1: 83  
Desc3: 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., WORKMANSHIP  
Remark--------: FABRICATED FROM APPROVED COMPONENTS DOMESTIC STEEL ACT APPLIES  
Specifications: SPEC PROV OR CONTRACT PLANS

---

**Material: 67639**  
TURNBUCKLE, GALV  
PC (EA)  
Desc1: 14  
Desc2: 12  
Desc3: SMALLQTY: .  
Method of Acceptance---: CERT  
Evidence of Inspection: CERT LA15  
Material Owner: MT  
Sample Size---: 2 PIECE PER LOT  
Updated: 02/27/2017  
Container1:  
Container2:  
Measurement---: DIM., COATING THICKNESS  
Remark--------: DOMESTIC STEEL ACT APPLIES  
Specifications: ART 1006.17, SPEC PROV OR CONTRACT PLANS

---

**Material: 67640**  
BOLT, STAINLESS STEEL  
PC (EA)  
Desc1: 14  
Desc2: 12  
Desc3: SMALLQTY: .  
Method of Acceptance---: TEST  
Evidence of Inspection: CBM LA15 ILOK TEST CERT  
Material Owner: MT  
Sample Size---: 5 PIECES OF EACH DIA. PER LOT  
Updated: 10/10/2017  
Container1: 11  
Container2: 04  
Measurement---: DIM., YIELD & TENS. STRENGTH, ELONGATION, MARKINGS, REDUCTION OF AREA, CHEMISTRY  
Remark--------: DOMESTIC STEEL ACT APPLIES  
Specifications: ART 1006.31

---

**Material: 67647**  
STUDS, ASTM A-449  
LB ( )  
Desc1: 14  
Desc2: 12  
Desc3: SMALLQTY: .  
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: 11  
Container2: 04  
Measurement---: DIM., HARD., TENS. STRTH, PROOF LOAD  
Remark--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES  
Specifications: SPEC PROV, ASTM A449
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

--- MATERIAL: 67649 ROD, ANCHOR ASTM A576 PC (EA )
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 PC (PC )
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 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 PC (EA )
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, TYPE 3, SLOTTED COUNTER SUNK HEAD 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: 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 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 UPDATED: 02/27/2017
FROM EACH HEAT
CONTAINER1: CONTAINER2: MEASUREMENT ---: DIM., YIELD, & TENS. STRENGTH, ELONGATION, REDUCTION IN AREA COATING THICKNESS, COATED LENGTH FOR GALVANIZED
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.09
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: 67668  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

--- 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
--- MATERIAL: 67670 BOLT, ASTM A193 GRADE B7 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: 
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: 67672 BOLT, ASTM A449, TYPE 1, SLOTTED COUNTER SUNK HEAD 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: 
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: 67674 TURNBUCKLE, PLAIN PC (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: 1 PIECE OF EACH DIA. FROM EACH LOT UPDATED: 04/02/2012
CONTAINER1: CONTAINER2: 
MEASUREMENT---: DIM., TENS. STRENGTH
REMARK------- : DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.17

--- MATERIAL: 67675 BOLT, LAG, STAINLESS STEEL PC (EA )
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION: CBM LA15 ILOK TEST CERT MATERIAL OWNER: MT
SAMPLE SIZE---: 5 PIECES PER LOT UPDATED: 10/10/2017
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: 67704 NUT, ASTM A 194 GRADE 2H 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 A194, AASHTO M 232

MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

-- MATERIAL: 67706  NUT, ASTM A 194 GRADE 2H 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 A194, AASHTO M 232

-- MATERIAL: 67716  NUT, ASTM A 563 GRADE D 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: 67717  NUT, ASTM A 563 GRADE DH 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: 67718  NUT, ASTM A 563 GRADE D LOCK  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
REMARK-------- : ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563

-- MATERIAL: 67719  NUT, ASTM A 563 GRADE DH LOCK  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
REMARK-------- : ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  ART 1006.08, ASTM A563
### MATERIAL: 67720 NUT, ASTM A 563 GRADE D LOCK GALV.

<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>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>05/12/2020</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST CERT
**EVIDENCE OF INSPECTION**: CBM LA15 ILOK TEST CERT
**SAMPLE SIZE**: 5 PIECES PER LOT
**CONTAINER**: 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

### MATERIAL: 67721 NUT, ASTM A 563 GRADE DH LOCK GALV.

<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>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>05/12/2020</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST CERT
**EVIDENCE OF INSPECTION**: CBM LA15 ILOK TEST CERT
**SAMPLE SIZE**: 5 PIECES PER LOT
**CONTAINER**: 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

### MATERIAL: 67723 NUT, SLEEVE

<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>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>05/12/2020</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST CERT
**EVIDENCE OF INSPECTION**: CBM LA15 ILOK TEST CERT
**SAMPLE SIZE**: 5 PIECES PER LOT
**CONTAINER**: 11 CONTAINER2: 04
**MEASUREMENT**: DIM., PROOF LOAD, OR HARDNESS
**REMARK**: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES

### MATERIAL: 67726 NUT, ASTM A 563, GRADE B

<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>14</td>
<td>53</td>
<td></td>
<td></td>
<td></td>
<td>05/12/2020</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST CERT
**EVIDENCE OF INSPECTION**: CBM LA15 ILOK TEST CERT
**SAMPLE SIZE**: 5 PIECES PER LOT
**CONTAINER**: 11 CONTAINER2: 04
**MEASUREMENT**: DIM., PROOF LOAD OR HARDNESS
**REMARK**: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES

### MATERIAL: 67727 NUT, ASTM A 563 GRADE B GALV.

<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>14</td>
<td>53</td>
<td></td>
<td></td>
<td></td>
<td>05/12/2020</td>
</tr>
</tbody>
</table>

**METHOD OF ACCEPTANCE**: TEST CERT
**EVIDENCE OF INSPECTION**: CBM LA15 ILOK TEST CERT
**SAMPLE SIZE**: 5 PIECES PER LOT
**CONTAINER**: 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
-- MATERIAL: 67728 NUT, ASTM A 563 GRADE A
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.
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.
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
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
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
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

-- MATERIAL: 67734  NUT, ASTM A 563 GRADE DH3
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
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.08, ASTM A563

-- MATERIAL: 67735  NUT, AASHTO M291 GRADE DH3 LOCK
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
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.08, ASTM A563

-- MATERIAL: 67736  NUT, ASTM A563, GRADE B LOCK GALV.
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
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.08, ASTM A563, AASHTO M 232

-- MATERIAL: 67801  WASHER, ASTM F 436, CARBON STEEL GALV.
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., HARDNESS, COATING THICKNESS
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.08, ASTM F436, AASHTO M 232

-- MATERIAL: 67802  WASHER, FLAT, CARBON STEEL
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.
REMARK--------: ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY
DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: ART 1006.09, ASTM F844, ASME B18.21
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

-- MATERIAL: 67803 WASHER, LOCK, CARBON 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: 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 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: 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 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: 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 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: 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 PC (EA )
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: 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
<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>67808 WASHER, BEVELED</th>
<th>PC (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CBM LA15 ILOK TEST CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>5 PIECES PER LOT</td>
<td>UPDATED: 05/12/2020</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>11 CONTAINER2:</td>
<td>04</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., HARDNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.08, ASTM F436</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>67809 WASHER, BEVELED, GALV.</th>
<th>PC (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CBM LA15 ILOK TEST CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>5 PIECES PER LOT</td>
<td>UPDATED: 05/12/2020</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>11 CONTAINER2:</td>
<td>04</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., HARDNESS, COATING</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.08, ASTM F436, AASHTO M 232</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>67815 WASHER, SQUARE, GALV</th>
<th>PC (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CBM LA15 ILOK TEST CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>5 PIECES PER LOT</td>
<td>UPDATED: 05/12/2020</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>11 CONTAINER2:</td>
<td>04</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., COATING</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.08, AASHTO M 232</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>67819 WASHER, ASTM F959, DIRECT TENSION INDICATOR, A325 BLACK</th>
<th>PC (PC )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CBM LA15 ILOK TEST CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>5 PIECES PER LOT</td>
<td>UPDATED: 05/12/2020</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>11 CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., MARKINGS, HARDNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS, ASTM F959</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>67820 WASHER, ASTM F959, DIRECT TENSION INDICATOR, A325 GALV</th>
<th>PC (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 14</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td></td>
<td>METHOD OF ACCEPTANCE---: TEST CERT</td>
<td>SMALLQTY: .</td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>CBM LA15 ILOK TEST CERT</td>
<td>MATERIAL OWNER: MT</td>
</tr>
<tr>
<td>SAMPLE SIZE---:</td>
<td>5 PIECES PER LOT</td>
<td>UPDATED: 05/12/2020</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>11 CONTAINER2:</td>
<td>04</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>DIM., MARKINGS, COATING THICKNESS HARDNESS</td>
<td></td>
</tr>
<tr>
<td>REMARK--------:</td>
<td>ACCEPT BY CERT FOR NON-STRUCT GUARDRAIL INSTALLATION ONLY DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS, ASTM F 959, AASHTO M 232</td>
<td></td>
</tr>
</tbody>
</table>
---> 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 UPDATED: 05/12/2020
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 UPDATED: 12/20/2018
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 UPDATED: 02/27/2017
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 UPDATED: 05/15/2019
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 UPDATED: 02/27/2017
CONTAINER1: CONTAINER2: 
MEASUREMENT---: VERIFY PULL OUT STRENGTH
REMARK--------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, ART 1006.09, ASTM E488
### MATERIAL: 68012 PIPE, STEEL, BLACK.

<table>
<thead>
<tr>
<th>DESC1</th>
<th>14</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---: 1 @ 12" LONG FOR EACH SIZE**

**UPDATED: 02/27/2017**

**MEASUREMENT---: DIM., YIELD & TENS STRENGTH, ELONGATION, W/L**

**REMARK-------: DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS:** ART 1006.18, ASTM A53

---

### MATERIAL: 68015 PIPE, STEEL, GALVANIZED

<table>
<thead>
<tr>
<th>DESC1</th>
<th>14</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---: 1 @ 12" LONG FOR EACH SIZE**

**UPDATED: 02/27/2017**

**MEASUREMENT---: DIM., YIELD & TENS. STRENGTH, ELONGATION, COATING THICKNESS, W/L**

**REMARK-------: DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS, ASTM A53, AASHTO M 111

---

### MATERIAL: 68018 GABIONS

<table>
<thead>
<tr>
<th>DESC1</th>
<th></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: 02/27/2017**

**MEASUREMENT---: MFG CERTS, WIRE DIA., WORKMANSHIP**

**REMARK-------: DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS:** ART 1006.10, 1006.35

---

### MATERIAL: 68019 SLOPE MATTRESS

<table>
<thead>
<tr>
<th>DESC1</th>
<th>11</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: 02/27/2017**

**MEASUREMENT---: MFG CERTS, WIRE DIA., WORKMANSHIP**

**REMARK-------: DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS:** ART 1006.10, 1006.35

---

### MATERIAL: 68021 STRIP, STEEL, REINFORCED EARTH, GALV. ASTM A570 GR50

<table>
<thead>
<tr>
<th>DESC1</th>
<th></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: 05/05/2008**

**MEASUREMENT---: DIMENSION, COATING THICKNESS**

**REMARK-------: INSPECTION AT SUPPLIER OR DESTINATION DOMESTIC STEEL ACT APPLIES**

**SPECIFICATIONS:** SPEC PROV OR CONTRACT PLANS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 675 MISCELLANEOUS STEEL

---> MATERIAL: 68022  STRIP, STEEL, REINFORCED EARTH, GALV. ASTM A570 GR65  LINFT(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 ILOK 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 ILOK 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 ILOK 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 GROUP: MISCELLANEOUS STEEL

--- MATERIAL: 68205 BAR, ROUND, ASTM A193, GRADE B8
DESC1: 14 DESC2: 12 DESC3: SMALLQTY: 
METHOD OF ACCEPTANCE--: TEST
EVIDENCE OF INSPECTION--: LA15 CBM TEST
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.
DESC1: 6 DESC2: 89 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-------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 111, ART 1006.14 OR 1006.15

--- MATERIAL: 68402 FRAME, GALV.
DESC1: 6 DESC2: 89 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-------: DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS, AASHTO M 111, ART 1006.14 OR 1006.15

--- MATERIAL: 68404 GRATE, GALV.
DESC1: 6 DESC2: 89 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-------: 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
DESC1: 12 DESC2: 13 DESC3: SMALLQTY: 
METHOD OF ACCEPTANCE--: CERT
EVIDENCE OF INSPECTION--: CERT LA15
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**

<table>
<thead>
<tr>
<th>Material: 68406</th>
<th>Ring, Adjusting, Steel</th>
<th>EA (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Method of Acceptance:</strong></td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td><strong>Evidence of Inspection:</strong></td>
<td>CERT</td>
<td>LA15</td>
</tr>
<tr>
<td><strong>Sample Size:</strong></td>
<td>Field Inspection</td>
<td></td>
</tr>
<tr>
<td><strong>Material Owner:</strong></td>
<td>MT</td>
<td></td>
</tr>
<tr>
<td><strong>Container 1:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Container 2:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Measurement:</strong></td>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td><strong>Remark:</strong></td>
<td>Domestic Steel Act Applies</td>
<td></td>
</tr>
<tr>
<td><strong>Specifications:</strong></td>
<td>Spec Prov or Contract Plans</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material: 68407</th>
<th>Grating, Concrete Flared End Section, Steel</th>
<th>EA (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Method of Acceptance:</strong></td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td><strong>Evidence of Inspection:</strong></td>
<td>CERT</td>
<td>LA15</td>
</tr>
<tr>
<td><strong>Sample Size:</strong></td>
<td>Field Inspection</td>
<td></td>
</tr>
<tr>
<td><strong>Material Owner:</strong></td>
<td>MT</td>
<td></td>
</tr>
<tr>
<td><strong>Container 1:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Container 2:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Measurement:</strong></td>
<td>Dim., Workmanship, Coating Thickness</td>
<td></td>
</tr>
<tr>
<td><strong>Remark:</strong></td>
<td>Fabricated from Approved Components</td>
<td></td>
</tr>
<tr>
<td><strong>Specifications:</strong></td>
<td>Domestic Steel Act Applies</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material: 68408</th>
<th>Grating, Concrete Headwall, Steel</th>
<th>EA (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Method of Acceptance:</strong></td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td><strong>Evidence of Inspection:</strong></td>
<td>CERT</td>
<td>LA15</td>
</tr>
<tr>
<td><strong>Sample Size:</strong></td>
<td>Field Inspection</td>
<td></td>
</tr>
<tr>
<td><strong>Material Owner:</strong></td>
<td>MT</td>
<td></td>
</tr>
<tr>
<td><strong>Container 1:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Container 2:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Measurement:</strong></td>
<td>Dim., Workmanship</td>
<td></td>
</tr>
<tr>
<td><strong>Remark:</strong></td>
<td>Domestic Steel Act Applies</td>
<td></td>
</tr>
<tr>
<td><strong>Specifications:</strong></td>
<td>Spec Prov or Contract Plans, AASHTO M 111</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material: 68409</th>
<th>Grated Inlet, Steel Pipe, Galv</th>
<th>EA (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Method of Acceptance:</strong></td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td><strong>Evidence of Inspection:</strong></td>
<td>CERT</td>
<td>LA15</td>
</tr>
<tr>
<td><strong>Sample Size:</strong></td>
<td>Field Inspection</td>
<td></td>
</tr>
<tr>
<td><strong>Material Owner:</strong></td>
<td>MT</td>
<td></td>
</tr>
<tr>
<td><strong>Container 1:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Container 2:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Measurement:</strong></td>
<td>Dim., Workmanship, Coating Thickness</td>
<td></td>
</tr>
<tr>
<td><strong>Remark:</strong></td>
<td>Fabricated from Appr. Components</td>
<td></td>
</tr>
<tr>
<td><strong>Specifications:</strong></td>
<td>Domestic Steel Act Applies</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material: 68411</th>
<th>Junction Box, Stainless Steel</th>
<th>EA (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Method of Acceptance:</strong></td>
<td>CERT</td>
<td></td>
</tr>
<tr>
<td><strong>Evidence of Inspection:</strong></td>
<td>CERT</td>
<td>LA15</td>
</tr>
<tr>
<td><strong>Sample Size:</strong></td>
<td>Field Inspection</td>
<td></td>
</tr>
<tr>
<td><strong>Material Owner:</strong></td>
<td>MT</td>
<td></td>
</tr>
<tr>
<td><strong>Container 1:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Container 2:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Measurement:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Remark:</strong></td>
<td>Domestic Steel Act Applies</td>
<td></td>
</tr>
<tr>
<td><strong>Specifications:</strong></td>
<td>Art 1088.04</td>
<td></td>
</tr>
<tr>
<td>MATERIAL: 68412</td>
<td>JUNCTION BOX LID, STAINLESS STEEL</td>
<td>EA (EA )</td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>DESC1: 12</td>
<td>DESC2: 13</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---:</td>
<td>CONTAINER1: CONTAINER2:</td>
<td>UPDATED: 04/15/2008</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REMARK-------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1088.04</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 68413</th>
<th>JUNCTION BOX LID, STEEL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 12</td>
<td>DESC2: 13</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---:</td>
<td>CONTAINER1: CONTAINER2:</td>
<td>UPDATED: 04/15/2008</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REMARK-------: DOMESTIC STEEL ACT APPLIES</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.04, 1088.04</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 68414</th>
<th>GRATED END SECTION, STEEL PIPE, GALV</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</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---:</td>
<td>CONTAINER1: CONTAINER2:</td>
<td>UPDATED: 02/27/2017</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REMARK-------: FABRICATED FROM APPR. COMPONENTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS, AASHTO M 111</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 68415</th>
<th>RISERS, CATCH BASIN, STEEL</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</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---:</td>
<td>CONTAINER1: CONTAINER2:</td>
<td>UPDATED: 03/11/2015</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REMARK-------: DOMESTIC STEEL ACT APPLIES</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: 68601</th>
<th>DRAINS, DECK, STEEL TUBE, GALV</th>
<th>EA (EA )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1: 28</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---:</td>
<td>CONTAINER1: CONTAINER2:</td>
<td>UPDATED: 02/27/2017</td>
</tr>
<tr>
<td>MEASUREMENT---:</td>
<td>REMARK-------: FABRICATED FROM APPR. COMPONENTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS, AASHTO M 111</td>
<td></td>
</tr>
</tbody>
</table>
--- MATERIAL: 68602 SCUPPERS, DRAINAGE, GALV 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., 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)
  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-------- : DOMESTIC STEEL ACT APPLIES LAB USE ONLY
  SPECIFICATIONS: ART 1083.02, ASTM A 240

--- MATERIAL: 68605 COTTER PINS PC (EA)
  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)
  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)
  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:</th>
<th>68609</th>
<th>CABLE, STAINLESS STEEL</th>
<th>LINFT (METER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHOD OF ACCEPTANCE:</td>
<td>TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION:</td>
<td>LA15 ILOK TEST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>2 @ 4FT PER LOT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>TENSILE/MFG CERTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV, PLAN DETAILS OR MFG RQMTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I.E. &quot;CABLE CRETE&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>68610</th>
<th>CLIP, SIGN PANEL, STAINLESS STEEL</th>
<th>EA (EA)</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>CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIMENSIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASTM 276, TYPE 304</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>68611</th>
<th>RAILING, HAND, STEEL PIPE, PAINTED</th>
<th>LINFT (METER)</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>CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 @ 2'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIM., WALL THICKNESS, WT/FT., COATING THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.18, SEC 1008, ASTM A53</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>68612</th>
<th>RAILING, HAND, STEEL PIPE, GALV.</th>
<th>LINFT (METER)</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>CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 @ 2'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIM., WT/FT., COATING THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>DOMESTIC STEEL ACT APPLIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1006.18, AASHTO M 111, ASTM A53</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>68703</th>
<th>BRIDGE, PREFABRICATED STEEL, PEDESTRIAN</th>
<th>LB (KG)</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>CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>DIM., YIELD &amp; TENS. STRENGTH, ELONGATION, CHARPY V-NOTCH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>VERIFY CONTRACT COMPLIANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>SPEC PROV OR CONTACT PLANS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>DESCRIPTION</td>
<td>UNIT</td>
<td>SMALLQTY</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>------</td>
<td>----------</td>
</tr>
<tr>
<td>70206</td>
<td>BLANKET, CURING WHITE CELLULOSE POLYETHYLENE</td>
<td>SQYD (SQ M)</td>
<td>.</td>
</tr>
<tr>
<td>70207</td>
<td>BLANKET, CURING WHITE SYNTHETIC FIBER POLYMER POLYETHYLENE</td>
<td>SQYD (SQ M)</td>
<td>.</td>
</tr>
<tr>
<td>70301</td>
<td>PADS, BEARING, FABRIC</td>
<td>EA (EA)</td>
<td>.</td>
</tr>
<tr>
<td>70303</td>
<td>PADS, BEARING, ELASTOMERIC COMPOSITE TYPE 1</td>
<td>EA (EA)</td>
<td>.</td>
</tr>
<tr>
<td>70305</td>
<td>NEOPRENE, SHEET</td>
<td>EA (EA)</td>
<td>.</td>
</tr>
</tbody>
</table>
### MATERIAL 70306: PADS, BEARING, ELASTOMERIC PTFE TYPE 2

<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

**Pads, Bearing, Elastomeric PTFE**

**Container:**
- Container1: 
- Container2: 

**Measurement:**
- Dim., hardness, shim spacing, tens. strength, elongation, peel test

**Remark:** ACC test every 125 bearings; CBM will request from Prod

**Cert is for Domestic Steel Act**

**Specifications:** SEC 1083

### MATERIAL 70307: RUBBER, SHEET, NATURAL

<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:** Test

**Evidence of Inspection:**

**Material Owner:** MT

**Sample Size:** 1 @ 12" X 12"

**Updated:** 02/27/2017

**Rubber, Sheet, Natural**

**Container:**
- Container1: 
- Container2: 

**Measurement:**
- Tens. strength, elongation, hardness, heat age

**Remark:**
- Acceptance sample tested by CBM
- Lab use only

**Specifications:** ART 1083.02

### MATERIAL 70308: POT 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, rubber or neoprene

**Updated:** 02/27/2020

**Pot Bearing (HLMR)**

**Container:**
- Container1: 
- Container2: 

**Measurement:**
- Tens. strength, elongation, hardness

**Remark:**
- Must be fabricated from approved components
- Prod must be on BBS list for prequal HMLR Prod

**Specifications:** SEC 1083, GBSP 13

**Cert is for Dom Steel Act; CBM Apr letter req per project**

### MATERIAL 70312: POLYETHER URETHANE ELASTOMER

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>37</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

**Polyether Urethane Elastomer**

**Container:**
- Container1: 
- Container2: 

**Measurement:**
- Tensile, compression, hardness, elongation

**Remark:**
- Acceptance sample tested by CBM
- Lab use only

**Specifications:** Contract plans and Spec prov

### MATERIAL 70316: LEVELING PAD, NEOPRENE

<table>
<thead>
<tr>
<th>DESC1</th>
<th>DESC2</th>
<th>DESC3</th>
<th>SMALLQTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Method of Acceptance:** Test

**Evidence of Inspection:**

**Material Owner:** MT

**Sample Size:** 1 @ 12" X 12"

**Updated:** 04/09/2021

**Leveling Pad, Neoprene**

**Container:**
- Container1: 
- Container2: 

**Measurement:**
- Tens. strength, elongation, hardness, compression set

**Remark:**
- Inv test only when requested by department

**Specifications:** SEC 1052
### MATERIAL: 70322 DISK BEARING (HLMR) EA (EA )

<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
**CONTAINER1**: CONTAINER2:
**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 EA (EA )

<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
**CONTAINER1**: CONTAINER2:
**MEASUREMENT***---**: DIM., HARDNESS, SHIM SPACING, TENS. STRENGTH, ELONGATION, PEEL TEST
**REMARK**********: ACC TEST EVERY 125 BEARINGS; CBM WILL REQUEST FROM PROD CERT IS FOR DOMESTIC STEEL ACT
**SPECIFICATIONS**: SEC 1083

### MATERIAL: 70401 BRICK, FACE, CLAY OR SHALE EA (EA )

<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
**CONTAINER1**: CONTAINER2:
**MEASUREMENT***---**: DIMENSIONS, COMPRESSIVE STRENGTH, ABSORPTION
**REMARK**********: SPECIFICATIONS: CONTRACT SPEC PROV
**ASTM C216 (GRADE SW)**

### MATERIAL: 70402 BRICK, SEWER, CLAY OR SHALE EA (EA )

<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
**CONTAINER1**: CONTAINER2:
**MEASUREMENT***---**: DIMENSIONS, COMPRESSIVE STRENGTH, ABSORPTION
**REMARK**********: SPECIFICATIONS: CONTRACT SPEC PROV
**ASTM C 32 (GRADE SS)**

### MATERIAL: 70403 BRICK, BLDG., CLAY OR SHALE EA (EA )

<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
**CONTAINER1**: CONTAINER2:
**MEASUREMENT***---**: DIMENSIONS, COMPRESSIVE STRENGTH, ABSORPTION
**REMARK**********: SPECIFICATIONS: ART 1041.01
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

--- MATERIAL: 70405 BRICK, PAVING, CLAY OR SHALE EA (EA )
DESCI: 16 DESC2: 12 DESC3: 13 SMALLQTY: 100
METHOD OF ACCEPTANCE---: TEST
EVIDENCE OF INSPECTION--: TEST MATERIAL OWNER: CN
SAMPLE SIZE---: 10 BRICKS UPDATED: 04/16/2019
CONTAINER1: 08 CONTAINER2:
MEASUREMENT---: DIMENSIONS, COMRESSIVE 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 MATERIAL OWNER: AC
SAMPLE SIZE---: 10 LINFT PER LOT UPDATED: 02/22/2019
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 MATERIAL OWNER: AC
SAMPLE SIZE---: 10 LINFT PER LOT UPDATED: 02/22/2019
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 MATERIAL OWNER: AC
SAMPLE SIZE---: 10 LINFT PER LOT UPDATED: 02/22/2019
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 MATERIAL OWNER: AC
SAMPLE SIZE---: 10 LINFT PER LOT UPDATED: 02/22/2019
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: 70506 LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE B 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: 70507 LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE B 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: 70508 TAPE, PAVEMENT MARKING, WHITE, TYPE3 LINFT(METER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: LA15 ILOK CBM TEST MATERIAL OWNER: AC
  SAMPLE SIZE---: 10 LINFT PER LOT UPDATED: 07/27/2020
  CONTAINER1: 08 CONTAINER2:
  MEASUREMENT---: THICKNESS, REFLECTIVITY
  REMARK--------: SEE SHELF LIFE DOCUMENT
  CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
  SPECIFICATIONS: ART 1095.06

-- MATERIAL: 70509 TAPE, PAVEMENT MARKING, YELLOW, TYPE3 LINFT(METER )
  METHOD OF ACCEPTANCE---: TEST
  EVIDENCE OF INSPECTION: LA15 ILOK CBM TEST MATERIAL OWNER: AC
  SAMPLE SIZE---: 10 LINFT PER LOT UPDATED: 07/27/2020
  CONTAINER1: 08 CONTAINER2:
  MEASUREMENT---: THICKNESS, REFLECTIVITY
  REMARK--------: SEE SHELF LIFE DOCUMENT
  CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS
  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 MATERIAL OWNER: AC
  SAMPLE SIZE---: 10 LINFT PER LOT 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
-- 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 DIST MAT OFFICE TO VERIFY APPROVE LOT, 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
<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</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>70522</td>
<td>TAPE, PREFORM THERMOPLASTIC PVMT MARKING, YELLOW, HOT APPL LINFT(METER)</td>
<td>TEST</td>
<td>LA15 ILOK CBM</td>
<td>1 SQ.FT. PER LOT</td>
<td>08</td>
<td>THICKNESS, BEAD CONTENT &amp; IMPERFECTION, FLEXIBILITY, COLOR, SOFTENING POINT</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td>ART 1095.05</td>
</tr>
<tr>
<td>70523</td>
<td>LETTER &amp; SYMBOL, PREFORM THERMOPLAS PVMT MARKING, WHITE, HOT APPL SQ FT (SQM)</td>
<td>CERT</td>
<td>LA15</td>
<td>FIELD INSPECTION</td>
<td>CONTAINER</td>
<td>WORKMANSHIP, DIMENSIONS</td>
<td></td>
<td>ART 1095.05</td>
</tr>
<tr>
<td>70524</td>
<td>LETTER &amp; SYMBOL, PREFORM THERMOPLAS PVMT MARKING, YELLOW, HOT APPL SQ FT (SQM)</td>
<td>CERT</td>
<td>LA15</td>
<td>FIELD INSPECTION</td>
<td>CONTAINER</td>
<td>WORKMANSHIP, DIMENSIONS</td>
<td></td>
<td>ART 1095.05</td>
</tr>
<tr>
<td>70531</td>
<td>TAPE, PREFORMED PLASTIC, WHITE, TYPE C LINFT(METER)</td>
<td>TEST</td>
<td>LA15 ILOK CBM</td>
<td>10 LINFT PER LOT</td>
<td>08</td>
<td>THICKNESS, RETRO REFLECTIVITY, DAYLIGHT REFLECTANCE</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td>ART 1095.03</td>
</tr>
<tr>
<td>70532</td>
<td>TAPE, PREFORMED PLASTIC, YELLOW, TYPE C LINFT(METER)</td>
<td>TEST</td>
<td>LA15 ILOK CBM</td>
<td>10 LINFT PER LOT</td>
<td>08</td>
<td>THICKNESS, RETRO REFLECTIVITY, DAYLIGHT REFLECTANCE</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td>ART 1095.03</td>
</tr>
<tr>
<td>MATERIAL</td>
<td>LETTER &amp; SYMBOL, PREFORMED PLASTIC, WHITE, TYPE C</td>
<td>SQFT (SQ M )</td>
<td></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>
<td></td>
</tr>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMALLEQTY:</td>
<td>.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT LA15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION- CERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/20/2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: WORKMANSHIP, DIM.</td>
<td></td>
<td></td>
<td></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>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1095.03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>LETTER &amp; SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE C</th>
<th>SQFT (SQ M )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLEQTY:</td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION- CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/20/2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: WORKMANSHIP, DIM.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------- :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: ART 1095.03</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>TAPE, PREFORMED PLASTIC, WHITE, TYPE D</th>
<th>LINFT(METER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLEQTY:</td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION- LA15 ILOK CBM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 10 LINFT PER LOT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 02/22/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DRY RETROREFLECTIVITY, WET RETROREFLECTIVITY, DAYLIGHT REFLECTANCE, SKID RESISTANCE, THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------- : SEE SHELF LIFE DOCUMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: BDE SPEC PROV FOR PREFORMED PLASTIC PAVEMENT MARKING TYPE D- INLAID, ART 1095.03</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>TAPE, PREFORMED PLASTIC, YELLOW, TYPE D</th>
<th>LINFT(METER )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLEQTY:</td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: TEST LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION- LA15 ILOK CBM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: 10 LINFT PER LOT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 02/22/2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: DRY RETROREFLECTIVITY, WET RETROREFLECTIVITY, DAYLIGHT REFLECTANCE, SKID RESISTANCE, THICKNESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------- : SEE SHELF LIFE DOCUMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: BDE SPEC PROV FOR PREFORMED PLASTIC PAVEMENT MARKING TYPE D- INLAID, ART 1095.03</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>LETTER &amp; SYMBOL, PREFORMED PLASTIC, WHITE, TYPE D</th>
<th>SQFT (SQ M )</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESC1:</td>
<td>DESC2:</td>
<td>DESC3:</td>
</tr>
<tr>
<td>SMALLEQTY:</td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>METHOD OF ACCEPTANCE---: CERT LA15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVIDENCE OF INSPECTION- CERT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL OWNER: AC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMPLE SIZE---: FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPDATED: 04/20/2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT---: WORKMANSHIP, DIM.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REMARK------- :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS: BDE SPEC PROV FOR PREFORMED PLASTIC PAVEMENT MARKING TYPE D- INLAID, ART 1095.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL: 70538</td>
<td>LETTER &amp; SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE D</td>
<td>SQFT (SQ M )</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>CERT</td>
<td>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>FIELD INSPECTION</td>
<td>UPDATED:</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>
<tr>
<td>SPECIFICATIONS:</td>
<td>BDE SPEC PROV FOR PREFORMED PLASTIC PAVEMENT MARKING TYPE D-INAID, ART 1095.03</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 70601</th>
<th>MARKING, THERMOPLASTIC, WHITE</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>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 GAL FROM 3 DIFFERENT BAGS</td>
<td>UPDATED:</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></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SEE SHELF LIFE DOCUMENT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1095.01</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 70607</th>
<th>MARKING, THERMOPLASTIC, YELLOW, (PB &amp; CR FREE)</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>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 GAL FROM 3 DIFFERENT BAGS</td>
<td>UPDATED:</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>
<tr>
<td>SPECIFICATIONS:</td>
<td>CONTACT DISTRICT MATERIALS OFFICE TO VERIFY APPROVE LOTS</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>ART 1095.01</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL: 70608</th>
<th>MARKING, THERMOPLASTIC, WHITE, HOT SPRAY</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>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 GAL FROM 3 DIFFERENT BAGS</td>
<td>UPDATED:</td>
</tr>
<tr>
<td>CONTAINER1:</td>
<td>CONTAINER2:</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT:</td>
<td>SOFTENING POINT, COLOR, BEAD CONTENT, IGN LOSS, TI02</td>
<td></td>
</tr>
<tr>
<td>REMARK:</td>
<td>SEE SHELF LIFE DOCUMENT</td>
<td></td>
</tr>
<tr>
<td>SPECIFICATIONS:</td>
<td>TRAFFIC COMMODITY SPEC T-19</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>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>EVIDENCE OF INSPECTION:</td>
</tr>
<tr>
<td>SAMPLE SIZE:</td>
<td>1 GAL FROM 3 DIFFERENT BAGS</td>
<td>UPDATED:</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>
<tr>
<td>SPECIFICATIONS:</td>
<td>TRAFFIC COMMODITY SPEC T-19</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---:
CONTAINER1:  04  CONTAINER2:  06
MEASUREMENT---:
REMARK-------- :  CERT IS FOR DOMESTIC STEEL ACT
SPECIFICATIONS:  SEC 643
SEC 706

--> MATERIAL: 70805  RUMBLE STRIP, TEMPORARY  LINTF (METER )
METHOD OF ACCEPTANCE---:  CERT
EVIDENCE OF INSPECTION---:  CERT
MATERIAL OWNER: AC
SAMPLE SIZE---:
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---:
CONTAINER1:  CONTAINER2:
MEASUREMENT---:  DIMENSIONS, WORKMANSHIP
REMARK-------- :  DOMESTIC STEEL ACT APPLIES
SPECIFICATIONS:  SPEC PROV OR CONTRACT PLANS
<table>
<thead>
<tr>
<th>Material ID</th>
<th>Description</th>
<th>Unit(s)</th>
<th>Method of Acceptance</th>
<th>Evidence of Inspection</th>
<th>Container 1</th>
<th>Container 2</th>
<th>Measurement</th>
<th>Remark</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>70807</td>
<td>Bollard, Steel</td>
<td>EA (EA)</td>
<td>Cert</td>
<td>Cert LA15 ILOK</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>
<td></td>
<td></td>
</tr>
<tr>
<td>70807</td>
<td>Bollard, Steel</td>
<td>EA (EA)</td>
<td>Cert</td>
<td>Cert LA15 ILOK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70808</td>
<td>Marker, Raised Pavement, Replacement Reflector</td>
<td>EA (EA)</td>
<td>Qual</td>
<td>List</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70809</td>
<td>Bollard, Aluminum</td>
<td>EA (EA)</td>
<td>Cert</td>
<td>Cert LA15 ILOK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70810</td>
<td>Marker, Raised Pavement, Temporary</td>
<td>EA (EA)</td>
<td>Cert</td>
<td>Cert LA15 ILOK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70903</td>
<td>Ring, Adjusting, High Density Polystyrene, Polyurea Coating</td>
<td>EA (EA)</td>
<td>Cert</td>
<td>Cert LA15 ILOK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
--- MATERIAL: 70904 RING, ADJUSTING, EXPANDED POLYPROPYLENE (EPP) 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 1043.05

--- MATERIAL: 70905 RING, ADJUSTING, HIGH DENSITY POLYETHLENE (HDPE) EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: MT
SAMPLE SIZE---: FIELD INSPECTION UPDATED: 03/16/2021
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS
REMARK------- :
SPECIFICATIONS: ART 1043.02

--- MATERIAL: 72024 FILTER, INLET, SEDIMENT CONTROL EA (EA )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: NP
SAMPLE SIZE---: UPDATED: 02/27/2009
CONTAINER1: CONTAINER2:
MEASUREMENT---: 
REMARK------- :
SPECIFICATIONS: ART 1081.15 (H)

--- MATERIAL: 72025 CONFINEMENT SYSTEM, CELLULAR SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT LA15 MATERIAL OWNER: NP
SAMPLE SIZE---: UPDATED: 03/25/2008
CONTAINER1: CONTAINER2:
MEASUREMENT---: DIMENSIONS - HEIGHT, WIDTH, & WEIGHT
REMARK------- :
SPECIFICATIONS: UNDER EVALUATION

--- MATERIAL: 72026 DETECTABLE WARNINGS FOR CURB RAMPS AND OTHER LOCATIONS SQFT (SQ M )
METHOD OF ACCEPTANCE---: CERT
EVIDENCE OF INSPECTION---: CERT MATERIAL OWNER: AC
SAMPLE SIZE---: UPDATED: 05/15/2012
CONTAINER1: CONTAINER2:
MEASUREMENT---:
REMARK------- : SEE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
SPECIFICATIONS: ART 424.09
### MATERIAL: 72027  
**FOAM, EXPANDING POLYURETHANE, HIGH DENSITY**  
**SMALLQTY:** .  
**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT  
**MATERIAL OWNER:** AC  
**SAMPLE SIZE:**  
**CONTAINER1:**  
**CONTAINER2:**  
**MEASUREMENT:**  
**REMARK:**  
**SPECIFICATIONS:** CBM SPEC: POLYURETHANE MATERIAL–MARK GAWEDINSKI HAS SPEC

### MATERIAL: 72028  
**FILTER, INLET, SEDIMENT CONTROL, ABOVE GRADE**  
**SMALLQTY:** .  
**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT  
**MATERIAL OWNER:** NP  
**SAMPLE SIZE:**  
**CONTAINER1:**  
**CONTAINER2:**  
**MEASUREMENT:**  
**REMARK:**  
**SPECIFICATIONS:** SPEC PROV

### MATERIAL: 72029  
**WEIGH-IN-MOTION SYSTEM (WIM)**  
**SMALLQTY:** .  
**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT  
**MATERIAL OWNER:** MT  
**SAMPLE SIZE:**  
**CONTAINER1:**  
**CONTAINER2:**  
**MEASUREMENT:**  
**REMARK:**  
**SPECIFICATIONS:** SPEC PROV, CONTRACT PLANS
MANUAL FOR MATERIALS INSPECTION - PART 2
MATERIAL GROUP: 750 STABILIZED SOIL MIXTURES

--- MATERIAL: 75000  FIELD SOIL COMPACTION  CUYD (M TON )
DESC1:  DESC2:  DESC3:  SMALLQTY:  
   METHOD OF ACCEPTANCE---: TEST
   EVIDENCE OF INSPECTION--: TEST
SAMPLE SIZE---:  
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
SAMPLE SIZE---:  
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
SAMPLE SIZE---:  
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
SAMPLE SIZE---:  
CONTAINER1: 03  CONTAINER2: 04
MEASUREMENT---: DENSITY, IBV
REMARK--------:  
SPECIFICATIONS:  SEC 302
<table>
<thead>
<tr>
<th>Material</th>
<th>Description</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></td>
<td>SAMPLE SIZE: 1 @ 12&quot; LONG FROM EACH SIZE &amp; SOURCE UPDATED: 04/07/2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT: DIM., WT/M., TENS. STRENGTH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BRAND AND TYPE ARE STAMPED ON PIPE AT 1 FOOT INTERVALS.</td>
</tr>
<tr>
<td></td>
<td>REMARK: CATALOG CUT MAY BE USED AS CERT BRAND AND TYPE ARE STAMPED ON PIPE AT 1 FOOT INTERVALS.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: ART 1006.33, ASTM B 88M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION UPDATED: 07/01/1990</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT: DIM., WORKMANSHIP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK: VISUAL INSPECTION AT SUPPLIER OR DESTINATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION UPDATED: 07/01/1990</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT: DIM., NAME</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK: VISUAL INSPECTION AT SUPPLIER OR DESTINATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: SEC 515, CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION UPDATED: 05/26/2009</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT: DIMENSIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK: VISUAL INSPECTION AT SUPPLIER OR DESTINATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAMPLE SIZE: FIELD INSPECTION UPDATED: 07/01/1990</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONTAINER1: CONTAINER2:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MEASUREMENT: DIMENSIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REMARK: VISUAL INSPECTION AT SUPPLIER OR DESTINATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPECIFICATIONS: SPEC PROV OR CONTRACT PLANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### MATERIAL: 78306  Marker, Survey, Alum EA (EA )
- **Descri:**
- **Desc1:**
- **Desc2:**
- **Desc3:**
- **Small QTY:**
- **Method of Acceptance:** VIS
- **Evid. of Inspection:** LA15 VIS
- **Material Owner:** MT
- **Sample Size:**
- **Field Inspection**
- **Updated:** 05/26/2009
- **Analyzer:**
- **Remark:** VISUAL INSPECTION AT SUPPLIER OR DESTINATION
- **Specifications:** HWY STD 667101

### MATERIAL: 78308  Cover (Monument/Survey) Aluminum EA (EA )
- **Descri:**
- **Desc1:**
- **Desc2:**
- **Desc3:**
- **Small QTY:**
- **Method of Acceptance:** VIS
- **Evid. of Inspection:** LA15 VIS
- **Material Owner:** MT
- **Sample Size:**
- **Field Inspection**
- **Updated:** 07/01/1990
- **Analyzer:**
- **Remark:** VISUAL INSPECTION AT SUPPLIER OR DESTINATION
- **Specifications:** SPEC PROV OR CONTRACT PLANS

### MATERIAL: 78501  Drains, Aluminum EA (EA )
- **Descri:**
- **Desc1:**
- **Desc2:**
- **Desc3:**
- **Small QTY:**
- **Method of Acceptance:** CERT
- **Evid. of Inspection:** LA15 CERT
- **Material Owner:** MT
- **Sample Size:**
- **Field Inspection**
- **Updated:** 05/15/2019
- **Analyzer:**
- **Remark:**
- **Specifications:** SPEC PROV OR CONTRACT PLANS

### MATERIAL: 78504  Curb Plate, Alum EA (EA )
- **Descri:**
- **Desc1:**
- **Desc2:**
- **Desc3:**
- **Small QTY:**
- **Method of Acceptance:** CERT
- **Evid. of Inspection:** LA15 CERT
- **Material Owner:** MT
- **Sample Size:**
- **Field Inspection**
- **Updated:** 05/15/2019
- **Analyzer:**
- **Remark:**
- **Specifications:** SPEC PROV OR CONTRACT PLANS

### MATERIAL: 78506  Shield, Rodent EA (EA )
- **Descri:**
- **Desc1:**
- **Desc2:**
- **Desc3:**
- **Small QTY:**
- **Method of Acceptance:** VIS
- **Evid. of Inspection:** VIS
- **Material Owner:** MT
- **Sample Size:**
- **Field Inspection**
- **Updated:** 02/19/2009
- **Analyzer:**
- **Remark:** VISUAL INSPECTION AT SUPPLIER OR DESTINATION
- **Specifications:** CONTRACT PLANS OR HWY STD 601101
--- MATERIAL: 78507  GRATING, ALUMINUM  SUFT (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

- **Desc1**: WEED KILLER
- **Desc2**: 61
- **Desc3**: LB (KG )
- **Method of Acceptance**: VIS
- **Evidence of Inspection**: VIS
- **Sample Size**: MARK
- **Owner**: AC
- **Updated**: 02/06/2019
- **Remarks**: 
- **Specifications**: CONTRACT SPEC PROV

### MATERIAL: 80399 WEED KILLER

- **Desc1**: WEED KILLER
- **Desc2**: 61
- **Desc3**: GAL (LITER)
- **Method of Acceptance**: VIS
- **Evidence of Inspection**: VIS
- **Sample Size**: MARK
- **Owner**: AC
- **Updated**: 02/06/2019
- **Remarks**: 
- **Specifications**: CONTRACT SPEC PROV

### MATERIAL: 80401 CALCIUM CHLORIDE

- **Desc1**: CALCIUM CHLORIDE
- **Desc2**: TONS (MTONS)
- **Desc3**: 1
- **Method of Acceptance**: TEST
- **Evidence of Inspection**: TEST
- **Sample Size**: 2.5 LBS/QUART Sized Container
- **Owner**: AC
- **Updated**: 04/17/2019
- **Remarks**: SIEVE ANALYSIS, ECL
- **Specifications**: ART 1013.01 (B)

### MATERIAL: 80402 SODIUM CHLORIDE (ROCK SALT)

- **Desc1**: SODIUM CHLORIDE (ROCK SALT)
- **Desc2**: TONS (MTONS)
- **Desc3**: 1
- **Method of Acceptance**: TEST
- **Evidence of Inspection**: TEST
- **Sample Size**: 10 LBS/GALLON Sized Container Per Shipment
- **Owner**: AC
- **Updated**: 02/04/2020
- **Remarks**: SIEVE ANALYSIS, PURITY
- **Specifications**: ART 1013.02

### MATERIAL: 80403 CALCIUM CHLORIDE (LIQUID)

- **Desc1**: CALCIUM CHLORIDE (LIQUID)
- **Desc2**: GAL (LITER)
- **Desc3**: 500
- **Method of Acceptance**: TEST
- **Evidence of Inspection**: TEST
- **Sample Size**: 1 QUART Per Tank-Check Samples Not Less Than 10 Of Deliveries Made
- **Owner**: AC
- **Updated**: 04/17/2019
- **Remarks**: SPG, ECL2
- **Specifications**: ART 1013.01 (A)
### MATERIAL: 80801  
**POST, SNOW FENCE STEEL**  

**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT LA15  
**SAMPLE SIZE:** FIELD INSPECTION  
**MEASUREMENT:** WEIGHT, LENGTH, PROTECTIVE COATING  
**REMARK:** DOMESTIC STEEL ACT APPLIES  
**SPECIFICATIONS:** IDOT M-21, ASTM A 616  

---

### MATERIAL: 80903  
**ROPE, WIRE**  

**METHOD OF ACCEPTANCE:** TEST  
**EVIDENCE OF INSPECTION:** LA15  
**SAMPLE SIZE:** 2 @ 4FT  
**MEASUREMENT:** TENS. STRENGTH, ELONGATION  
**REMARK:** ACCEPTANCE SAMPLES TESTED BY CBM  
**SPECIFICATIONS:** FED. SPEC. RR-W-410  

---

### MATERIAL: 80906  
**METALIZING WIRE, 85/15 ZINC/ALUMINIUM**  

**METHOD OF ACCEPTANCE:** CERT  
**EVIDENCE OF INSPECTION:** CERT  
**SAMPLE SIZE:**  
**MEASUREMENT:**  
**REMARK:**  
**SPECIFICATIONS:** CONTRACT SPEC PROV, ASTM B833, AWS C2.25
Appendices

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 <em>Obsolete</em></td>
</tr>
<tr>
<td>2</td>
<td>CA02, CA04, CA06, CA10, CA12 <em>Obsolete</em></td>
</tr>
<tr>
<td>3</td>
<td>CA06, CA10 <em>Obsolete</em></td>
</tr>
<tr>
<td>4</td>
<td>SPCL <em>Obsolete</em></td>
</tr>
<tr>
<td>5</td>
<td>CA06 <em>Obsolete</em></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>10</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</td>
</tr>
<tr>
<td></td>
<td>(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,</td>
</tr>
<tr>
<td></td>
<td>Headwall (03, 08, 09, 13, 14, 21, 22, 31, 40,</td>
</tr>
<tr>
<td></td>
<td>41, 42, 43, 44, 45)</td>
</tr>
<tr>
<td></td>
<td>Or</td>
</tr>
<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 <em>Obsolete</em></td>
</tr>
<tr>
<td>05</td>
<td>For PCC Combination Curb Gutter <em>Obsolete</em></td>
</tr>
<tr>
<td>06</td>
<td>For PCC Step Curb &amp; Gutter <em>Obsolete</em></td>
</tr>
<tr>
<td>07</td>
<td>For PCC Hub Guard &amp; Gutter <em>Obsolete</em></td>
</tr>
<tr>
<td>ITEM NO.</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>10 (Cont.)</td>
<td>08 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>

11 Height (Inches)
12 Length (Inches)
13 Width (Inches)
14 Diameter (Inches)
15 Depth (Inches)
16 Thickness (Inches)
17 Piece Obsolete
<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>
<tr>
<td>21</td>
<td>Cable Characteristics</td>
</tr>
<tr>
<td></td>
<td>01 Bare Stranded</td>
</tr>
<tr>
<td></td>
<td>02 Bare Solid</td>
</tr>
<tr>
<td></td>
<td>03 Insulated Stranded</td>
</tr>
<tr>
<td></td>
<td>04 Insulated Solid</td>
</tr>
<tr>
<td>22</td>
<td>Pay Item Code Number</td>
</tr>
<tr>
<td>23</td>
<td>Treatment Type</td>
</tr>
<tr>
<td></td>
<td>01 Untreated</td>
</tr>
<tr>
<td></td>
<td>02 Creosote</td>
</tr>
<tr>
<td></td>
<td>03 Penta</td>
</tr>
<tr>
<td></td>
<td>04 Arsenates</td>
</tr>
<tr>
<td>24</td>
<td>Weight/Foot (Pounds)</td>
</tr>
<tr>
<td>25</td>
<td>Weight, Pounds</td>
</tr>
<tr>
<td></td>
<td>Obsolete</td>
</tr>
<tr>
<td>26</td>
<td>Equivalent Diameter (Inches)</td>
</tr>
<tr>
<td>27</td>
<td>Type</td>
</tr>
<tr>
<td>28</td>
<td>Wall Thickness (Inches)</td>
</tr>
<tr>
<td>29</td>
<td>Design Code</td>
</tr>
<tr>
<td></td>
<td>Obsolete</td>
</tr>
<tr>
<td>30</td>
<td>Grade</td>
</tr>
<tr>
<td>31</td>
<td>Class</td>
</tr>
<tr>
<td>32</td>
<td>Type I or II; or 1 Or 2 {Adhesive}</td>
</tr>
<tr>
<td></td>
<td>Obsolete</td>
</tr>
<tr>
<td>33</td>
<td>Nominal Diameter (Inches)</td>
</tr>
<tr>
<td>34</td>
<td>Outside Diameter (Inches)</td>
</tr>
<tr>
<td>35</td>
<td>Type of Sheeting</td>
</tr>
<tr>
<td></td>
<td>A Obsolete</td>
</tr>
<tr>
<td></td>
<td>AA</td>
</tr>
<tr>
<td></td>
<td>AP</td>
</tr>
<tr>
<td></td>
<td>AZ</td>
</tr>
<tr>
<td></td>
<td>BB Obsolete</td>
</tr>
<tr>
<td></td>
<td>B Obsolete</td>
</tr>
<tr>
<td></td>
<td>C Obsolete</td>
</tr>
<tr>
<td></td>
<td>ZZ</td>
</tr>
<tr>
<td>36</td>
<td>Square Inches</td>
</tr>
<tr>
<td></td>
<td>Obsolete</td>
</tr>
<tr>
<td>37</td>
<td>Color</td>
</tr>
<tr>
<td>38</td>
<td>Number of Conductors and Wire Size (i.e., 2/C-6)</td>
</tr>
<tr>
<td>39</td>
<td>Rebar Size (i.e., 6)</td>
</tr>
<tr>
<td>ITEM NO.</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>40</td>
<td>Shape</td>
</tr>
<tr>
<td>41</td>
<td>Gauge</td>
</tr>
<tr>
<td>42</td>
<td>Type <em>Obsolete</em></td>
</tr>
<tr>
<td>01</td>
<td>For Southern Yellow Pine</td>
</tr>
<tr>
<td>02</td>
<td>For Western Red Cedar</td>
</tr>
<tr>
<td>03</td>
<td>For Douglas Fir</td>
</tr>
<tr>
<td>04</td>
<td>For Cypress</td>
</tr>
<tr>
<td>05</td>
<td>For Hemlock</td>
</tr>
<tr>
<td>06</td>
<td>For Spruce</td>
</tr>
<tr>
<td>43</td>
<td>Manufacturer Catalog Number</td>
</tr>
<tr>
<td>44</td>
<td>Longitudinal Spacing X Transverse Spacing (Inches)</td>
</tr>
<tr>
<td>45</td>
<td>LoDS X T D S <em>Obsolete</em></td>
</tr>
<tr>
<td>46</td>
<td>WI X L <em>Obsolete</em></td>
</tr>
<tr>
<td>47</td>
<td>LoDS TW S <em>Obsolete</em></td>
</tr>
<tr>
<td>48</td>
<td>LoWS TD S <em>Obsolete</em></td>
</tr>
<tr>
<td>49</td>
<td>LoWS X TWS <em>Obsolete</em></td>
</tr>
<tr>
<td>50</td>
<td>Longitudinal Size X Transverse Size</td>
</tr>
<tr>
<td>51</td>
<td>Wire Size, Reinforcing (i.e., W7 or D7)</td>
</tr>
<tr>
<td>52</td>
<td>Lengths of Legs {i.e., 4 X 4}</td>
</tr>
<tr>
<td>53</td>
<td>Bolt/Nut Style</td>
</tr>
<tr>
<td>1</td>
<td>Regular</td>
</tr>
<tr>
<td>2</td>
<td>Heavy</td>
</tr>
<tr>
<td>54</td>
<td>Conductor Material</td>
</tr>
<tr>
<td></td>
<td>Copper</td>
</tr>
<tr>
<td></td>
<td>Aluminum</td>
</tr>
<tr>
<td>55</td>
<td>Degree of Bend</td>
</tr>
<tr>
<td>56</td>
<td>Degree of Intersection</td>
</tr>
<tr>
<td>57</td>
<td>Number of Pairs</td>
</tr>
<tr>
<td>58</td>
<td>01 Letter Upper Case <em>Obsolete</em></td>
</tr>
<tr>
<td></td>
<td>02 Letter Lower Case <em>Obsolete</em></td>
</tr>
<tr>
<td></td>
<td>03 Numeral <em>Obsolete</em></td>
</tr>
<tr>
<td></td>
<td>04 Symbol <em>Obsolete</em></td>
</tr>
<tr>
<td>59</td>
<td>Number (i.e., 1, 2, etc.)</td>
</tr>
<tr>
<td>60</td>
<td>01 Prismatic <em>Obsolete</em></td>
</tr>
<tr>
<td></td>
<td>02 Reflective Sheet</td>
</tr>
<tr>
<td>61</td>
<td>Brand Name</td>
</tr>
<tr>
<td></td>
<td>Location Code <em>Obsolete</em></td>
</tr>
<tr>
<td>63</td>
<td>Width, Inches as Described in Pay Item (Nominal)</td>
</tr>
<tr>
<td>ITEM NO.</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<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>91</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>
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.