

State of Illinois
Department of Transportation
Bureau of Materials
Springfield

POLICY MEMORANDUM

Revised: July 24, 2018

9-08.2

This Policy Memorandum supersedes numbers 9-08.1 dated June 1, 2012

TO: REGIONAL ENGINEERS AND BUREAU CHIEFS IN THE OFFICE OF
HIGHWAYS PROJECT IMPLEMENTATION

SUBJECT: CRUSHED SLAG PRODUCER CERTIFICATION

1.0 INTRODUCTION

The Central Bureau of Materials has recognized a potential pollution problem in the use of crushed slag in subbase/base course, porous/non-porous granular embankment, backfill, and French drains. Some crushed slags may exhibit the tendency to leach out a greenish-yellow effluent producing an objectionable odor. In order to prevent such an occurrence, this memorandum establishes a certification and self-testing program for crushed slag producers.

2.0 STANDARD SPECIFICATION REFERENCE

2.1 Referenced Articles.

- 1003.01
- 1003.04
- 1004.01
- 1004.04
- 1004.05

3.0 CONSTRUCTION USES COVERED

Crushed slag (air-cooled blast furnace) used for the following construction/ maintenance uses shall conform to this policy memorandum. The construction/ maintenance uses covered are as follows:

1. Subbase (1004.04)
2. Base Course (1004.04)
3. Porous/Non-porous Granular Embankment (1003.04, 1004.05)
4. Porous/Non-porous Backfill (1003.04, 1004.05)
5. French Drains (1003.04, 1004.05)

4.0 PRODUCER SAMPLING AND TESTING PROGRAM

All crushed slag producers supplying material for the uses noted in Section 3.0 of this policy memorandum shall initiate a sampling and testing program as detailed in the current Illinois Department of Transportation Test Procedure 202, "Leachate Determination in Crushed Slag" as detailed in the Department's [Manual of Test Procedures for Materials](#).

5.0 PRODUCER CERTIFICATION LETTER

All crushed slag producers supplying material for the uses noted in Section 3.0 of this policy memorandum shall submit a certification letter each year to the Illinois Department of Transportation, Central Bureau of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766. This letter shall certify that the producer will ship only material that has been tested and accepted under Section 4.0 of this policy memorandum.

6.0 CLOSING NOTICE

Archive versions of this policy memorandum may be examined by contacting the Bureau of Materials.

The current Bureau Chief of Materials has approved this policy memorandum. Signed documents are on file with the Bureau.