

State of Illinois
Department of Transportation
Bureau of Materials and Physical Research
Springfield

POLICY MEMORANDUM

Revised: June 1, 2012

9-08.1

This Policy Memorandum supersedes numbers 9-08.0 dated January 1, 2008

TO: REGIONAL ENGINEERS AND HIGHWAY BUREAU CHIEFS

SUBJECT: CRUSHED SLAG PRODUCER CERTIFICATION AND
SELF-TESTING PROGRAM

1.0 INTRODUCTION

The Bureau of Materials and Physical Research 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, Bureau of Materials and Physical Research, 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.

A handwritten signature in black ink that reads "David L. Lippert". The signature is written in a cursive style with a large initial 'D'.

David L. Lippert, P.E.
Engineer of Materials
and Physical Research

SAB/seh