

SLAG CEMENT

(GROUND GRANULATED BLAST FURNACE SLAG)

GENERAL

This evaluation procedure outlines the Department's approval process for slag cement materials.

SPECIFICATIONS

TDOT Standard Specifications Section 604.03

TDOT Standard Specifications Section 921.16

AASHTO M 240

AASHTO M 302

Key Words: Grade 100, Grade 120, GGBFS (excludes Grade 80 and Type IS designations)

PROCEDURES

For a slag cement to be accepted onto the TDOT Producers List, the manufacturer must provide the following:

1. Contact information including:
 - a. Mailing address
 - b. Representative's name, e-mail, and phone number
2. Proof of laboratory accreditation
3. Safety Data Sheet (SDS)
4. A 2-pint sample submitted to the Division of Materials and Tests
 - a. Must be accompanied with a 2-pint reference cement sample unless otherwise stated
5. A Material Certification including:
 - a. Name of manufacturer
 - b. Location and name of plant
 - c. A certification stating that the product meets the above specifications
 - d. Six (6) consecutive production cycles of test results

Verification testing will be performed by the Department to verify that the material meets the above specifications prior to adding to the Producers List.

To remain on the Producers List, **submit** mill test reports **monthly**. A 2-pint composite sample (for each **approved material**) must be submitted to the **TDOT Chemical Laboratory quarterly**.

COMMUNICATIONS

All sample submittals must be shipped to:

TDOT Chemical Laboratory
6601 Centennial Boulevard
Nashville, Tennessee 37243

All correspondence with the department shall be sent to TDOT.CementitiousMTR@tn.gov