

## 2007 – SLAG CEMENT FOR USE IN CONCRETE AND MORTARS

### SECTION 2007

#### SLAG CEMENT FOR USE IN CONCRETE AND MORTARS

##### 2007.1 DESCRIPTION

This specification covers slag cement for use in concrete and mortars.

##### 2007.2 REQUIREMENTS

Provide material that complies with the requirements of ASTM C 989, "Slag Cement for Use in Concrete and Mortars."

##### 2007.3 TEST METHODS

As specified in ASTM C 989.

##### 2007.4 PREQUALIFICATION

**a.** Manufacturers desiring to provide material under this specification are to submit the following to the Engineer of Tests:

- (1) A 2-gallon prequalification sample of each product they wish to prequalify.
- (2) Complete instructions on the use of the material and a Material Safety Data Sheet (MSDS).
- (3) Copies of quality control test reports for the 6 months before to the date of submittal to substantiate a history of satisfactory quality control. Also, provide evidence that the quality control laboratory is regularly inspected by the Cement and Concrete Reference Laboratory (CCRL).

**b.** If the prequalification samples comply with the requirements of **subsection 2007.2**, and the other submittals are satisfactory, the name of the product will be placed on a list of prequalified products maintained by the Bureau of Construction and Materials.

**c.** A prequalified plant will retain its prequalified status as long as test results of random samples obtained by KDOT and quality control samples obtained by the producer indicate that the plant is exercising acceptable quality control.

**d.** A terminal established by a prequalified plant will be considered prequalified to supply slag cement under this specification.

##### 2007.5 BASIS OF ACCEPTANCE

Prequalification as required by **subsection 2007.4**.

Receipt and approval of a Type C certification as specified in **DIVISION 2600**.