

SECTION 724—POZZOLANS

724.1 GENERAL—From a manufacturer listed in [Bulletin 15](#). Legibly mark the name of the manufacturer, the lot number, and the approximate net mass on each container or, in case of bulk shipment, on the shipping invoice.

Supply sources desiring approval must write the MTD, stating their present QC program, as specified in [Section 106.03\(a\)2](#).

The material is subject to assurance sampling and testing by the MTD. Materials not conforming to the requirements may result in suspension of source approval. The supply source may reapply for approval after making corrections necessary to ensure that material test meet all applicable Specifications.

Obtain material from a single source, unless otherwise allowed in writing. Separate material of different types and from different sources. Use each type and source in continuous segregated portions of the project. If possible, limit material used in an individual structure to a single type or source. If this is not possible, use one type and source for footers, piers, and abutments, and one source for superstructures if allowed.

724.2 FLYASH—

(a) **For Use with Lime.** [ASTM C 593](#), tested according to AASHTO T 135. Certify as specified in [Section 106.03\(b\)3](#).

(b) **For Use with Cement Concrete.** AASHTO M 295, Class C, F, or N, except limit Loss on Ignition to a maximum of 6.0%. Certify as specified in [Section 106.03\(b\)3](#).

724.3 GROUND GRANULATED BLAST FURNACE SLAG—

(a) **For Use with Cement Concrete.** AASHTO M 302 ([ASTM C 989](#)), Grade 100 or 120. Do not use ground granulated blast furnace slag with a material temperature exceeding 82 °C (180F) at time of delivery to the mixer, unless permitted in writing. Certify as specified in [Section 106.03\(b\)3](#).

724.4 SILICA FUME—

(a) **For Use with Cement Concrete.** AASHTO M 307 (also called Micro Silica). Certify as specified in [Section 106.03\(b\)3](#).