

**OKLAHOMA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISIONS
FOR
FLY ASH**

These Special Provisions revise, amend, and where in conflict, supersede applicable sections of the 1999 Standard Specifications for Highway Construction, English and Metric. Units of Measurement Are Provided in the Subsections in Both English and Metric Equivalents. The Units for this Project Will Be Those Specified in the Project Plans.

(Revise the Title as Follows:)

**SECTION 702
FLY ASH, GROUND GRANULATED
BLAST FURNACE SLAG, AND CEMENT KILN DUST**

(Revise the description as follows:)

Description. This section covers fly ash and cement kiln dust to be used to modify or stabilize soils and ground granulated blast furnace slag and fly ash to be used as an admixture for concrete.

(Replace with the following:)

702.01. FLY ASH.

- (a) Definition.** Fly ash is a by-product of the production of electricity at coal fired power plants. This material is comprised of the fines gathered by dust collection systems during the coal burning process. It is a very fine and fluid material with pozzolanic properties and possibly some cementitious properties.
- (b) For use in Portland cement concrete.** Fly ash for use in Portland cement concrete shall meet the requirements of AASHTO M 295, Class C or Class F.
- (c) For use in Soil.** Fly ash for use in soil stabilization or modification shall meet the requirements of AASHTO M 295, Class C.
- (d) Acceptance.** The product of only one plant shall be used on the project for Portland cement concrete and one for soil, unless otherwise approved by the Engineer. The Contractor shall provide suitable means of storing and protecting the fly ash against contamination and dampness. Fly ash which has become partially set, contains lumps of caked fly ash, or has been contaminated will be rejected. All fly ash shall be from an approved source.