

3115

3115 FLY ASH FOR USE IN PORTLAND CEMENT CONCRETE

3115.1 SCOPE

Provide fly ash for use in concrete applications.

3115.2 REQUIREMENTS

Provide fly ash from the certified source listed on the Approved/Qualified Products List, meeting the requirements of ASTM C 618, Class F or Class C, except as modified by the following table:

Table 3115-1 MnDOT Modified Fly Ash Requirements		
Requirement	Class F	Class C
Loss on ignition	≤ 3.5 %	≤ 3.5 %
Calcium Oxide (CaO)	≤ 18.0 %	>18.0 %

The use of fly ash produced at plants where lime is directly injected into the boiler for sulfur removal, is prohibited in Portland cement concrete.

Ensure the following standardized Fly Ash Certification Statement is included with delivery invoices: "(insert company name) certifies that the fly ash produced at (insert power plant and location) conforms to ASTM C 618 and MnDOT Specification 3115 for Class (insert class) fly ash."

Do not change the source or color, or both, of fly ash on a project without the written approval of the Engineer.

3115.3 SAMPLING AND TESTING

Provide samples for testing meeting the requirements of the Schedule for Materials Control.