



Cement

FLY ASH TEST REPORT

Analysis by: Lafarge Seattle Concrete Lab
Sample from : Centralia Power Plant
Average Analysis: May 2021
Test Report Number 6-21 Class F

Chemical Analysis

Table with 3 columns: Component, Results, Limits. Rows include Silicon Dioxide (SiO2), Aluminum Oxide (Al2O3), Iron Oxide (Fe2O3), Total (SiO2) + (Al2O3) + (Fe2O3), Sulphur Trioxide (SO3), Calcium Oxide (CaO), Magnesium Oxide, Moisture Content, Loss on Ignition, and Available Alkali as Equiv. Na2O.

Physical Analysis

Table with 3 columns: Component, Results, Limits. Rows include Fineness Retained on 45 um (No. 325 Sieve), Strength Activity Index with Portland Cement (% of Control at 7 Days, % of Control at 28 Days), Water Requirement, Percent of Control, Autoclave Expansion, and Density.

Uniformity Requirements

Table with 3 columns: Component, Results, Limits. Rows include Density, Variation from Average and Fineness 45um Sieve, Variation from Average.

We hereby certify that the composite fly ash sample above meets the chemical and physical requirements of ASTM C618 and AASHTO M295 for class F fly ash.

Handwritten signature of Rob Shogren

Certified : _____

Rob Shogren
Technical Director

WESTERN REGION

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