



FLY ASH TEST REPORT

Analysis by: Amrize Seattle Concrete Lab
Sample from : Centralia Power Plant
Average Analysis: November 2025
Test Report Number 12-25 F CSA

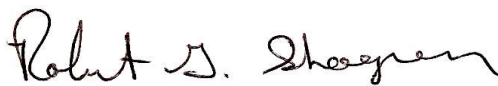
Chemical Analysis

		Limits
Silicon Dioxide (SiO_2)	47.9 %	
Aluminum Oxide (Al_2O_3)	17.9 %	
Iron Oxide (Fe_2O_3)	6.0 %	
Sulphur Trioxide (SO_3)	1.1 %	
Calcium Oxide (CaO)	15 %	15% Max - CSA
Magnesium Oxide	4.3 %	
Moisture Content	0.22 %	
Loss on Ignition	0.37 %	
Total Alkalies as Equivalent Na_2O	4.14 %	

Physical Analysis

Fineness Retained on 45 um (No. 325 Sieve)	12.2 %	34% Max - CSA
Strength Activity Index with Portland Cement		
% of Control at 28 Days (<i>previous month's result</i>)	102 %	
Water Requirement, Percent of Control	93 %	
Density	2.65 Mg/m^3	

We hereby certify that the composite fly ash sample above meets the chemical and physical requirements of CAN/CSA A3001 for Type F Fly Ash.

Certified . 

Rob Shogren
Technical Director

WESTERN REGION

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