

Cement

FLY ASH TEST REPORT

Analysis by: Edmonton Mortar Lab Sample from : Sundance Power Plant

Average Analysis: November 2021 Test Report Number 12-21 F CSA

Chemical Analysis

		Limits
Silicon Dioxide (SiO ₂)	58.3 %	
Aluminum Oxide (Al ₂ O ₃)	23.5 %	
Iron Oxide (Fe ₂ O ₃)	3.5 %	
Sulphur Trioxide (SO ₃)	0.1 %	
Calcium Oxide (CaO)	9.1 %	15% Max - CSA
Magnesium Oxide	1.1 %	
Moisture Content	0.21 %	
Loss on Ignition	0.43 %	
Total Alkalies as Equivalent Na ₂ O	3.19 %	

Physical Analysis

30.0	%	34% Max - CSA
93	%	
95	%	
0.00	%	
2.03	Mg/m ³	
	93 95 0.00	93 % 95 % 0.00 % 2.03 Mg/m³

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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