

## SILICA FUME TEST REPORT

Analysis by: Bécancour Silicon Plant Lab  
Sample from: Bécancour Silicon Plant  
Date prepared: 2010-06-29  
Average Analysis: **May 1<sup>st</sup>, 2010 to May 31<sup>st</sup>, 2010**

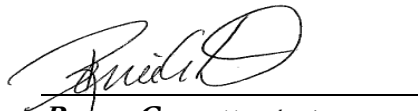
### Chemical Analysis

Silicon Dioxide (SiO <sub>2</sub> )	95.57 %
Sulphur oxide (SO <sub>3</sub> )	0.30 %
Chlorine (Cl)	0.06 %
Potassium Oxide (K <sub>2</sub> O)	0.51 %
Sodium Oxide (Na <sub>2</sub> O)	0.17 %
Moisture Content	0.61 %
Loss on Ignition	1.93 %
pH (10% sol. at 24 °C)	7.90

### Physical Analysis

Fineness Retained on 45 µm (No. 325 Sieve)	2.95 %
Autoclave Expansion	-0.1530
Tendency to entrap air	No visible foam

Our Silica Fume meets Chemical and Physical Requirements for Cementing Materials and Blended Supplementary Cementing Materials of CAN/CSA – A3001-08 for type SF.



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