

**AXENS CANADA SPECIALTY ALUMINAS INC.  
TOXIC SUBSTANCE REDUCTION PLAN FOR TOTAL PARTICULATE MATTER**

PLAN CERTIFICATIONS  
December 17, 2013

**9.0 PLAN CERTIFICATIONS**

**CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of December 18, 2013, I, Jack Flannagan, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: Total Particulate Matter (PM: NA-Mo8)



Jack Flannagan  
General Manager  
4000 Development Drive,  
Brockville, Ontario K6V 5V5  
(613) 342-6943 Ext. 240  
jflannagan@axenscanada.com



Date

**CERTIFICATION BY LICENSED PLANNER**

As of December 18, 2013, I, Gizem Gunal-Akgol certify that I am familiar with the processes at Axens Canada Specialty Aluminas Inc.'s Brockville Activated Alumina Plant that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated October 1, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: Total Particulate Matter (PM: NA-Mo8)



Gizem Gunal-Akgol, P.Eng. (Planner License No. TSRP0238)  
Atmospheric Engineer, Stantec Consulting Ltd.  
49 Frederick Street  
Kitchener, ON N2H 6M7  
Phone: (519) 569-8126  
ggunalakgol@stantec.com



Date

