

**AXENS CANADA SPECIALTY ALUMINAS INC.
TOXIC SUBSTANCE REDUCTION PLAN FOR PARTICULATE MATTER $\leq 2.5 \mu\text{M}$**

PLAN CERTIFICATIONS
December 18, 2013

9.0 PLAN CERTIFICATIONS

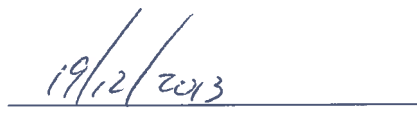
CERTIFICATION BY HIGHEST RANKING EMPLOYEE

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: Particulate Matter $\leq 10 \mu\text{m}$ (PM_{2.5}: NA – M10)



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: Particulate Matter $\leq 10 \mu\text{m}$ (PM_{2.5}: NA – M10)



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

December 18th, 2013

Date

