


Toxic Substance Reduction Plans Certification by Highest Ranking Employee

As required by s.4(2) of the *Toxics Reduction Act* (TRA), Toxic Substance Reduction Plans must contain a certification, signed by the highest ranking employee at the Facility who has management responsibilities relating to the Facility.

The following Certification Statement is being made under s.19(2) of Ontario Regulation (O.Reg.) 455/09 (as amended by s.11 of O.Reg.214/11) and satisfies the requirements of s.4(2) of the TRA for the Toxic Substance Plans that are assembled within this single document as of the date of this Certification Statement. Furthermore, the following Certification Statement is limited to the respective versions of the Plans which are dated as indicated in the Certification Statement:

As of December 19, 2013, I, John Pellegrino, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

- Isopropyl Alcohol (dated, December 19, 2013)
- Ethanol (dated, December 19, 2013)


John Pellegrino
Canadian Operations Manager
Alcoa Power and Propulsion, Howmet Georgetown Casting
93 Mountainview Road North, Georgetown, ON


Date

December 19, 2013

Project No. 13-1151-0268

Bob Hesselink

Howmet Georgetown Casting, a division of Alcoa

**LICENSED TOXIC SUBSTANCE REDUCTION PLANNER CERTIFICATION STATEMENT FOR PHASE II
TOXIC SUBSTANCE REDUCTION PLANS FOR ALCOA POWER AND PROPULSION, HOWMET
GEORGETOWN CASTING – 93 MOUNTAINVIEW ROAD NORTH, GEORGETOWN, ONTARIO**

Dear Mr. Hesselink:

Golder Associates Ltd. (Golder) was retained by Alcoa Power and Propulsion, Howmet Georgetown Casting (Howmet) facility located at 93 Mountainview Road North in Georgetown, Ontario, (the Facility) to provide various services pertaining to Phase II Toxic Substance Reduction Plan preparation under the *Toxic Reduction Act* (TRA), including Toxic Substance Reduction Planner (Planner) certification of Phase II Toxic Substance Reduction Plans (the Plans).

The following Planner Certification Statement which is made under s.19.1(4) of Ontario Regulation (O.Reg.) 455/09 (as amended by s.11 of O.Reg.214/11) satisfies the Planner Certification requirements for the Plans that are assembled as a single document as of the date of this Certification Statement. Furthermore, the following Certification Statement is limited to the respective versions of the Plans which are dated as indicated in the Certification Statement:

As of December 19, 2013, I, Tara Weerasuriya certify that I am familiar with the processes at the Howmet Georgetown Casting (Howmet) facility located at 93 Mountainview Road North in Georgetown, Ontario that uses the toxic substances 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

- *Isopropyl Alcohol* (dated, December 19, 2013)
- *Ethanol* (dated, December 19, 2013)



December 19, 2013

Tara Weerasuriya, Ph.D., P.Geo
Toxic Substance Reduction Planner
License No. TSRP0267

Date

TW/FSC/ng

