

Toxic Substance Reduction Plan Summary
for 2014 Reporting Year

Novelis Inc. – Kingston Works

Basic Facility Information

Legal Name of Company	Novelis Inc.
Company Street Address/Mailing Address	Novelis Corporation (100% ownership) 3560 Lenox Road, Suite 2000, Atlanta, GA, United States 30326
Company Business Number	849087549
Facility Street Address/Mailing Address	1 Lappan's Lane, Kingston, Ontario, Canada K7L 4Z5
NPRI Identification Number	4197
Reg. 127 Reporting ID Number	Not applicable
Number of Full-Time Employees	250
NAICS code	(Two-digit): 31-33 (Four-digit): ... 3313 (Six-digit): 331317
Spatial Co-ordinates of Facility	(44.2498, -76.5153) – NAD83 Datum
Public Contact Person	Mr. Jacob Czyz, Plant Manager Telephone: (613) 541-7056 Facsimile: (613) 541-7003

Toxic Substances Present

List of Toxic Substances Present at Facility	CAS Registry Number
Sulphuric Acid	7664-93-9

Planner Information

This Toxic Substance Reduction (TSR) Plans were certified by Mr. Matthew Costigane of AECOM, a licensed Toxic Substance Reduction Planner. Reduction option recommendations for each TSR Plan were also provided by Mr. Costigane, in consultation with Novelis. Mr. Costigane's license information is provided below.

Name	Matthew Costigane
Company	AECOM
License Number	TSRP0082

Sulphuric Acid, CAS No. 7664-93-9

Statement of Intent

Novelis strives to maintain compliance with municipal, provincial and federal law, as well as any corporate requirements with respect to the control of its environmental aspects. Novelis is committed to optimizing the usage of the sulphuric acid to ensure that all releases via air and waste are minimized. At this time, Novelis cannot implement any technically and economically feasible reduction options to reduce its use of sulphuric acid.

Objectives of Plan and Toxic Reduction Target

Sulphuric acid is a new compound being reported as its usage quantities triggered the reporting threshold for the first time in 2014. Novelis will continue to strive to optimize the usage of sulphuric acid. Efforts already implemented by Novelis reflect standard and best management industry practices, including implementation of ISO 14001 and waste management and reduction as part of the Facility's objective of continual improvement. No specific reduction target has been set for the toxic reduction of sulphuric acid.

Description of Sulphuric Acid Use at Facility

Sulphuric acid is a component in the "Kleen Sac" products in the Cleaning Line, which is used to finish the production of its aluminum coil products.

Toxic Reduction Options

The Facility reviewed and considered potential options in each of the seven (7) reduction options categories. No technically feasible or economically viable options were identified.

Implementation Plan

Since no options were identified for implementation, a timeline was not prepared.

Plan Summary

This plan summary accurately reflects the contents of the Facility's Toxic Substance Reduction Plan that was prepared by AECOM for sulphuric acid, dated July 10, 2015.

Sulphuric Acid, CAS No. 7664-93-9

2014 Toxic Substance Accounting on a Facility Wide Basis	
Amount of substance that entered the Facility as the substance itself or as a constituent of another substance:	>10 to 15 tonnes
Amount of substance that was created at the Facility:	0 tonnes
Amount of substance that was contained in product:	0 tonnes

On-site releases from the Facility to: air, water, land, on-site and off-site disposal, off-site recycling (if applicable) can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/>

Certification Statements

The certification statements from the highest ranking employee at the Facility and Toxic Reduction Planner are provided on the following page.

Certifications

Certification Statement of the Highest Ranking Employee of the Facility

As of Jacob Czyz, I, Jacob Czyz, 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 *Toxic Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substances: Sulphuric Acid



Jacob Czyz
Plant Manager

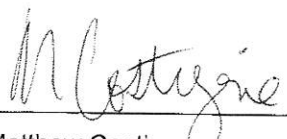
7/10/15

Date

Certification Statement of the Toxic Substance Reduction Planner

As of July 10, 2015, I, Matthew Costigane, certify that I am familiar with the processes at Novelis, Inc. – Kingston Works that use or create 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 *Toxic 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.

Toxic Substance: Sulphuric Acid (TSR Plan Date: July 10, 2015)



Matthew Costigane
Toxic Substance Reduction Planner
License #: TSRP0082

July 10, 2015

Date