2013 Public Report of Accounting Results for Canada Alloy Castings, Kitchener

1. General Information

Substance Information	
Substance Name	**CAS #**
Chromium (and its compounds)	n/a
Nickel (and its compounds)	n/a
Furfuryl alcohol	98-00-0
Particulate Matter 2.5 (PM2.5)	NA-M10
Particulate Matter 10 (PM10)	NA-M09

Facility Information	
Company Name	Canada Alloy Castings
Facility Address	529 Manitou Drive, Kitchener, ON N2C 1S2
Site Coordinates (main entrance of site)	611347.64 E, 4816078.35 N; Zone 17
NPRI ID	151
MOE ID	9428
Number of Full-Time Employees in 2013	67
2-Digit NAICS Code	31-33 - Manufacturing
4- Digit NAICS Code	3315 - Foundries
6-Digit NAICS Code	331514 – Steel Foundries

Facility Contact Information		
Public Contact	John Lourenco Manufacturing Manager Phone: 519-895-1161 x241 Fax: 519-895-1169	E-mail: jlourenco@flowserve.com Address: Same as facility address

2. Toxic Substance Accounting Summary

Facility-wide Amounts of Toxic Substances Reported for 2013:

Substance Name	Used	Created	Contained In Product	Release to Air	Disposed / Recycled
Chromium (and its compounds)	10 to 100	--	10 to 100	0 to 1	10 to 100
Nickel (and its compounds)	10 to 100	--	10 to 100	0 to 1	10 to 100
Furfuryl alcohol	10 to 100	--	--	10 to 100	--
Particulate Matter 2.5 (PM2.5)	--	0 to 1	--	0 to 1	--
Particulate Matter 10 (PM10)	--	0 to 1	--	0 to 1	--

NOTE: Units are expressed in tonnes, unless otherwise indicated. '-- ' indicates not applicable.

3. Quantification Comparison to Previous Year

3.1 Chromium (and its compounds)

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	10 to 100	10 to 100	-15.9	-27.7	Decrease in production.
Created	--	--	--	--	--	--
Contained In Product	Tonnes	10 to 100	10 to 100	-7.4	-32.5	Decrease in production.
Release to Air	Tonnes	0 to 1	0 to 1	-0.001	-28.5	Decrease in production.
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	Tonnes	10 to 100	10 to 100	-8.5	-24.6	Decrease in production.

3.2 Nickel (and its compounds)

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	10 to 100	10 to 100	-6.9	-15.4	Decrease in production.
Created	--	--	--	--	--	--
Contained In Product	Tonnes	10 to 100	10 to 100	-3.7	-20.9	Decrease in production.
Release to Air	Tonnes	0 to 1	0 to 1	-0.0003	-15.7	Decrease in production.
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	Tonnes	10 to 100	10 to 100	-3.2	-11.7	Decrease in production.

3.3 Furfuryl Alcohol

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	10 to 100	10 to 100	-2.9	-9.7	--
Created	--	--	--	--	--	--
Contained In Product	--	--	--	--	--	--
Release to Air	Tonnes	10 to 100	10 to 100	-2.2	-9.7	--
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	--	--	--	--	--	--

3.4 Particulate Matter (PM2.5)

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	--	--	--	--	--	--
Created	Tonnes	0 to 1	0 to 1	-0.05	-4.7	--
Contained In Product	--	--	--	--	--	--
Release to Air	Tonnes	0 to 1	0 to 1	-0.05	-4.7	--
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	--	--	--	--	--	--

3.5 Particulate Matter (PM10)

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	--	--	--	--	--	--
Created	Tonnes	0 to 1	0 to 1	-0.05	-4.7	--
Contained In Product	--	--	--	--	--	--
Release to Air	Tonnes	0 to 1	0 to 1	-0.05	-4.7	--
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	--	--	--	--	--	--

4. Objectives

Canada Alloy Castings prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. This plan will determine the technical and economic feasibility of each identified option to determine which, if any, are viable for implementation at this time. As part of the continuous improvement practices at the facility, technical advances will be monitored for new opportunities for reduction.

5. Progress in Implementing Plan

This section does not apply since no reduction options will be implemented at this time.

For information on on-site releases from the facility, as well as disposal and off-site recycling information please refer to National Pollutant Release Inventory's website: http://www.ec.gc.ca/inrp-npri/.

As of May 27, 2014, I, _____, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Chromium
Nickel
Furfuryl alcohol
Particulate Matter, PM2.5
Particulate Matter, PM10

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Russ Urry
General Manager
Canada Alloy Castings