

2016 Toxic Reduction Act - Accounting Summary Canadian Babbitt Bearings, operating as Canadian Specialty Casting

Canadian Specialty Castings (CSC) has prepared Toxic Reduction Plans (the Plans), dated 10 January 2013, based on the requirements of Ontario Regulation 455/09 - General (O. Reg. 455/09) for their Niagara Falls, Ontario facility, and the Plans are current.

Under the Act, facilities are required to provide the following information to the public:
This accounting summary addresses the following reportable substances:

- Chromium, CAS #7440-47-3
- Copper, CAS #7440-50-8
- Nickel, CAS #7440-02-0
- Lead, CAS #7439-92-1

Basic Facility Information

Facility Operating Name:	Canadian Specialty Castings Inc.
NPRI Identification Number:	4541
Six Digit NAICS Code:	331529

Facility Address:	4248 Broughton Avenue, Niagara Falls, Ontario L2E 3K6
UTM Spatial Coordinates:	UTM Zone – 17, Easting: 657193, Northing: 4775137
Public Contact:	Trevor Bezo, Plant Manager
Public Contact Telephone:	(905) 356-2655
Parent Company:	Canadian Babbitt Bearings
Ownership:	100%

Facility Description:

CSC is a ferrous and non-ferrous foundry that specializes in manufacturing castings for process equipment, combustion and thermal resistant equipment, pressure retaining and rotating equipment, and hydro, gas and steam turbines. Metal alloys, including iron, stainless steel, aluminum, copper, bronze and nickel, are melted, parts are cast and the castings are finished by cutting, grinding and welding. Sand moulds are made and used for casting and the sand of the moulds is reclaimed.

Plan Objective: The Plan considered reduction options and underwent technical and economic feasibility of each options to determine which, if any, are viable for implementation at this time.

Plan Target: CSC does not intend to establish a reduction target and time frame to reduce the use of the reportable substances.

Plan Reduction Options: During 2016, no reductions options were identified and/or implemented.

Please note that due to proprietary and confidential information used to complete the toxic substance accounting, ranges are provided to the public for each contaminant. If you have any questions regarding CSC's environmental commitment or toxic substance accounting please contact Trevor Bezo, the facility's Public Contact at 519-752-5471.

Toxic Substances Accounting Summaries

Lead	Reporting Year 2016
Enters the Facility	>100 – 200 kg
Creation	0 kg
Contained in Product	>100 – 200 kg
On-Site Releases to Air	>0.1 – 0.2 kg
Off-Site Transfer for Recycling	>1 – 2 kg

Copper	Reporting Year 2016
Enters the Facility	>1 – 10 tonnes
Creation	0 tonnes
Contained in Product	>1 – 10 tonnes
On-Site Releases to Air	>0.01 – 0.1 tonne
Off-Site Transfer for Recycling	>0.01 – 0.1 tonnes

Nickel	Reporting Year 2016
Enters the Facility	>10 – 20 tonnes
Creation	0 tonnes
Contained in Product	>10 – 20 tonnes
On-Site Releases to Air	>0.1 – 0.2 tonne
Off-Site Transfer for Recycling	>0.1 – 0.2 tonnes

Chromium	Reporting Year 2016
Enters the Facility	>10 – 100 tonnes
Creation	0 tonnes
Contained in Product	>10 – 100 tonnes
On-Site Releases to Air	>0.1 – 1 tonne
Off-Site Transfer for Recycling	>0.1 – 1 tonnes