

# Toxics Reduction Act - Public Summary Report - 2016 Reporting Year

## 1.0 Basic Facility Information

<b>NPRI Number</b>	8800001494
<b>O Reg 127/01 Number</b>	N/A
<b>Number of full time employee equivalents</b>	55
<b>NAICS Code (2 digit)</b>	31-33 - Manufacturing
<b>NAICS Code (4 digit)</b>	3331- Agricultural, Construction and Mining Machinery Manufacturing
<b>NAICS Code (6 digit)</b>	333130 - Mining and Oil and Gas Field Machinery Manufacturing
<b>UTM Coordinates</b>	17 T 608620 m E 4818904 m N
<b>Company Legal Name</b>	Boart Longyear Canada
<b>Company Trade Name</b>	Boart Longyear Canada
<b>Public Contact</b>	Chris Benotto Global EHS Systems Manager Products 2442 South Sheridan Way. Mississauga, ON L5J 2M7 Tel: (905) 822-7922 Fax: (905) 822-7232 email: christopher.benotto@boartlongyear.com

## 2.0 Toxic Substance Accounting

(Tonnes/yr)	Cr (Chromium and its compounds)	Ni (Nickel and its compounds)
<b>MPO</b>	-	-
<b>Used</b>	-	-
<b>Created</b>	-	-
<b>Air</b>	>0-1	>0-1
<b>Disposed</b>	-	-
<b>Recycled</b>	>1-10	>1-10
<b>Sewage</b>	-	-
<b>Spills</b>	-	-
<b>Landfill</b>	-	-
<b>On part</b>	-	-

Chromium and Nickel is contained within the steel bought into the facility to manufacture their products.

Although Boart Longyear Canada Inc. does not intend to reduce the use of Chromium and Nickel, they will continue to conduct further research to identify new reduction options and to keep up with industry standards with regards to Chromium and Nickel pollution prevention.

No amendments were made to the Toxic Reduction Act Plan for Chromium (and its Compounds) and/or for Nickel (and its Compounds).

There has been a significant reduction in the amounts reported from the previous year.

**Air Releases:**

**Chromium (and its Compounds)**

Substance	Year	Released to Air (tonnes/yr)	% Change
Chromium	2011	>0 to 1	
Chromium	2012	>0 to 1	0%
Chromium	2013	>0 to 1	0%
Chromium	2014	>0 to 1	0%
Chromium	2015	>0 to 1	0%
Chromium	2016	>0 to 1	0%

**Nickel (and its Compounds)**

Substance	Year	Released to Air (tonnes/yr)	% Change
Nickel	2011	>0 to 1	
Nickel	2012	>0 to 1	0%
Nickel	2013	>0 to 1	0%
Nickel	2014	>0 to 1	0%
Nickel	2015	>0 to 1	0%
Nickel	2016	>0 to 1	0%

## Recycling:

### Chromium (and its Compounds)

Substance	Year	Recycled (tonnes/yr)	% Change
Chromium	2011	>1 to 10	
Chromium	2012	>1 to 10	-24.0
Chromium	2013	>1 to 10	-40.6
Chromium	2014	>1 to 10	+10.5
Chromium	2015	>1 to 10	-9.52
Chromium	2016	>1 to 10	-63.2

### Nickel (and its Compounds)

Substance	Year	Recycled (tonnes/yr)	% Change
Nickel	2011	>1 to 10	
Nickel	2012	>1 to 10	-26.3
Nickel	2013	>1 to 10	-38.3
Nickel	2014	>1 to 10	+8.11
Nickel	2015	>1 to 10	-10.0
Nickel	2016	>1 to 10	-63.9

Reasons for changes in quantities:

Changes in Nickel and Chromium values are due to a decrease in production levels.

### **3.0 Signed Certification Statement**

As of 04/10/2017, I, Chris Benotto, 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 (and its compounds), and  
Nickel (and its compounds)**

Chris Benotto,  
Global EHS Systems Manager Products