

# Toxics Reduction Act 2015 Public Report

Rahnmet  
141 Regina Street  
North Bay, Ontario  
P1A 1A1

Prepared by:  
Sharon Goldthorpe  
Rahnmet  
April 8, 2016

### Facility Information

Facility Name: Rahnmet  
NPRI Identification Number: 11220  
Two Digit NAICS Code: 33  
Four Digit NAICS Code: 3315  
Six Digit NAICS Code: 331529  
Number of Full-Time Employees: <100  
UTM Spatial Coordinates (NAD83): Latitude: 46.303612  
Longitude: -79.462112  
Datum: NAD 83  
UTM Zone: 17  
UTM Easting: 618398.0  
UTM Northing: 5128953.0

### Contact Information

Name: Rahnmet  
Address: 141 Regina Street  
North Bay, ON  
PIA 1A1  
Phone Number: (705) 474-0410  
Fax Number: (705) 476- 6790  
E-mail: [rahnmet@rahnmet.com](mailto:rahnmet@rahnmet.com)

### Highest Ranking Employee at the Facility Information

Name: Paul Lacasse  
Title: President  
Address: 141 Regina Street  
North Bay, ON  
PIA 1A1  
Phone Number: (705) 474-0410  
Fax Number: (705) 476-6790  
E-mail: [rahnmet@rahnmet.com](mailto:rahnmet@rahnmet.com)

### Toxic Substances that must be reported on

Substance 1: Lead (and its compounds)  
CAS Number: NA-08

Substance 2: Copper (and its compounds)  
CAS Number: NA-06

### Facility Overview

Rahnmet manufactures and repairs rock crushers for the mining industry and is located in North Bay, ON. There are two facilities on-site; a non-ferrous foundry and a plant (machine shop). The foundry casts bronze wearing parts which are then machined in the plant. The plant also refurbishes crusher parts which involves welding parts and then machining them. Rahnmet is committed to keep detailed accounting records on all substances entering, leaving, created, and transformed in the facility. This report covers lead and copper.

There has not been a change in the method or combination of methods used to track and quantify the substances. There were not any significant process changes at the facility and there were no incidents that affected the tracking of the substances.

### Lead and its compounds - CAS Number: NA-08

	2015	2014	
<b>Mass Balance</b>	<b>Weight in tonnes</b>	<b>Weight in tonnes</b>	<b>% Change</b>
Entering process	>1 to 10	>10 to 100	-23%
Contained in finished product	>1 to 10	>1 to 10	-19%
Recycled	>1 to 10	>1 to 10	-46%
Released to atmosphere	>0 to 1	>0 to 1	0%

### Copper and its compounds - CAS Number: NA-06

	2015	2014	
<b>Mass Balance</b>	<b>Weight in tonnes</b>	<b>Weight in tonnes</b>	<b>% Change</b>
Entering process	>10 to 100	>10 to 100	-26%
Contained in finished product	>10 to 100	>10 to 100	-17%
Recycled	>1 to 10	>10 to 100	-46%
Released to atmosphere	>0 to 1	>0 to 1	0%

### Plan Objectives

All employees at Rahnmet are involved in the reduction of toxic substances. It is our goal to further reduce the creation and release of toxic substances where technically and economically feasible. Lead and copper cannot be reduced since they are part of the finished product.

### Plan Implementation Progress

There are no feasible reduction options for lead and copper. As a result there are no plans and no timelines for reduction. Rahnmet is committed to maintaining the quality and effectiveness of the air filtration and capturing systems and continually looking at how to improve its effectiveness and thus reduce emissions to the atmosphere. A feasibility study for improvement of air filtration and metal oxide capture was performed in 2015. A secondary dust collector will be added in 2016 that will act as a pre-filter and will be run during production times which create a higher amount of dust.

Certification by Highest Ranking Employee

As of April 11, 2016, I, Paul Lacasse, certify that I have read the 2015 toxic substances accounting report. I am familiar with its contents, and to the best of my knowledge the report is factually accurate and complies with the Toxics Reduction Act 2009 and Ontario Regulation 455/09 made under the Act.



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Paul Lacasse  
President  
Rahnmet, North Bay

Date: April 11, 2016