

Toxics Reduction Act Public Annual Report Calendar 2014

The legal and trade names of the owner and the operator of the facility, the street address of the facility and, if the mailing address of the facility is different from the street address, the mailing address.(See below)

Johnson Matthey Ltd. 16 Smith Street St. Catharines ON L2P 3J1

Facility NPRI identification number

5761

The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01.

Number of full-time employees

57

North American Industry Classification System (NAICS) - 2, 4, and 6 digit codes

31 - 33 Manufacturing 3315 - Foundries 331514 - Steel Foundries

If applicable, the name, position and telephone number of the individual who is the contact at the facility for the public:

Public Contact (if applicable)

Keith Neureuther

Title

Plant Manager

Phone Number

(905) 682-9258 ext 222

Address of each person below if not the same as the facility

Facility Name

Johnson Matthey Ltd.

Address 1

16 Smith Street

Address 2

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City

St. Catharines

Province

ON

Postal Code

L2P 3J1

UTM Zone

17

UTM Easting

644977.54

UTM Northing

6780885.77

Legal name of Canadian parent company, if your facility is a subsidiary of a Canadian parent company

Parent company name

Johnson Matthey Ltd.

Address 1

16 Smith Street

Address 2

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City

St. Catharines

Province

ON

Postal Code

L2P 3J1

Percent Ownership

100%

Substance:	Chromium (and its compounds)	
CAS Number:	NA-04	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	> 10 to 100	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en		

Substance:	Copper (and its compounds)	
CAS Number:	NA-06	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	> 10 to 100	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en		

Substance:	Lead (and its compounds)	
CAS Number:	NA-08	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 1,000 to 10,000	kg
The amount of substance that was created:	0.000	kg
The amount of substance that was contained in product:	> 1,000 to 10,000	kg
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en		

Substance:	Nickel (and its compounds)	
CAS Number:	NA-11	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	> 10 to 100	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en		

Substance:	Particulate Matter less than or equal to 10 microns (PM10)	
CAS Number:	NA-M09	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	0.000	tonnes
The amount of substance that was created:	> 0 to 1	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en		

Substance:	Particulate Matter less than or equal to 2.5 microns (PM2.5)	
CAS Number:	NA-M10	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	0.000	tonnes
The amount of substance that was created:	> 0 to 1	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en		

Comparison of Annual Reported Amounts

Substance:	Chromium (and its compounds)			
CAS Number:	NA-04			
On a facility-wide basis:	2014	2013	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 10 to 100	> 1 to 10	-3.81%
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
	> 10 to 100	> 10 to 100	> 0 to 1	-2.34%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Copper (and its compounds)			
CAS Number:	NA-06			
On a facility-wide basis:	2014	2013	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 10 to 100	> 1 to 10	-35.52%
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
	> 10 to 100	> 10 to 100	> 1 to 10	-35.44%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Lead (and its compounds)			
CAS Number:	NA-08			
On a facility-wide basis:	2014	2013	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	kg	kg	kg	%
The amount of substance that was created:	> 1,000 to 10,000	> 1,000 to 10,000	> 100 to 1,000	-38.14%
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
	> 1,000 to 10,000	> 1,000 to 10,000	> 100 to 1,000	-38.4%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Nickel (and its compounds)			
CAS Number:	NA-11			
On a facility-wide basis:	2014	2013	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 10 to 100	> 0 to 1	18.2%
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
	> 10 to 100	> 10 to 100	> 0 to 1	22.6%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Particulate Matter less than or equal to 10 microns (PM10)			
CAS Number:	NA-M09			
On a facility-wide basis:	2014	2013	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	0.000	0.000	0.000	0%
The amount of substance that was created:	> 0 to 1	> 0 to 1	> 0 to 1	1.82%
The amount of substance that was contained in product:	0.000	0.000	0.000	-0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Particulate Matter less than or equal to 2.5 microns (PM2.5)			
CAS Number:	NA-M10			
On a facility-wide basis:	2014	2013	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	0.000	0.000	0.000	0%
The amount of substance that was created:	> 0 to 1	> 0 to 1	> 0 to 1	1.82%
The amount of substance that was contained in product:	0.000	0.000	0.000	-0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Annual Progress Report – Calendar 2014

Substances for which toxic substance reduction plans have been prepared:

Substance Name	CAS #	Toxic Reduction Plan Date
Chromium and its compounds	NA-04	December 21, 2012
Copper and its compounds	NA-06	December 21, 2012
Lead and its compounds	NA-08	December 21, 2012
Nickel and its compounds	NA-11	December 21, 2012
Aluminum Oxide	1344-28-1	September 17, 2013*
Particulate Matter less than or equal to 10 microns (PM10)	NA-M09	September 17, 2013
Particulate Matter less than or equal to 2.5 microns (PM2.5)	NA-M10	September 17, 2013

* TRA Exit Record for 2013 reporting year (only non-fibrous form used)

Toxic Reduction Progress

The current reporting year saw slight increases for some substances primarily due to an increase in the facility's production in 2014 for several materials due to material reformation.

Plan Implementation Progress

There were no reduction options identified in any of the plans for the above noted substances that were identified as being both technically and economically feasible. No additional actions outside the plans were taken in 2014 to reduce the use and/or creation for any of the reportable substances. No amendments were made to the toxic substances reduction plans in 2014.

Annual Report Certification Statement

As of 08/05/2011, I, Keith Neureuther, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

TRA Substance List

CAS RN	Substance Name
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
NA - 04	Chromium (and its compounds)
NA - 06	Copper (and its compounds)
NA - 11	Nickel (and its compounds)
NA - 08	Lead (and its compounds)