Toxics Reduction Act Public Annual Report Calendar 2013

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	56
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	
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	
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

Aluminum Oxide (CAS 1344-28-1) is not reportable under NPRI in 2013 due to more accurate data collected for the fibrous form. A TRA Exit Record was submitted for the 2013 reporting year.

Comparison of Annual Reported Amounts

Substance:	Chromium (and its compounds)			
CAS Number:	NA-04			
On a facility-wide basis:	2013	2012	Difference	
Amount that entered the facility as the substance	tonnes	tonnes	tonnes	%
itself or as a constituent of another substance:	> 10 to 100	> 10 to 100	> 1 to 10	23.7%
The amount of substance that was created:	0.000	0.000	0.00	0%
The amount of substance that was contained in product:	> 10 to 100	> 10 to 100	> 0 to 1	24.7%

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:	2013	2012	Difference	
Amount that entered the facility as the substance	tonnes	tonnes	tonnes	%
itself or as a constituent of another substance:	> 10 to 100	> 10 to 100	> 1 to 10	31.5%
The amount of substance that was created:	0.000	0.000	0.00	0%
The amount of substance that was contained in product:	> 10 to 100	> 10 to 100	> 1 to 10	34.4%

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:	Lead (and its compounds)			
CAS Number:	NA-08			
On a facility-wide basis:	2013	2012	Difference	
Amount that entered the facility as the substance	kg	kg	kg	%
itself or as a constituent of another substance:	> 1,000 to 10,000	> 1,000 to 10,000	> 100 to 1,000	37.2%
The amount of substance that was created:	0.000	0.000	0.00	0%
The amount of substance that was contained in product:	> 1,000 to 10,000	> 1,000 to 10,000	> 100 to 1,000	46.6%

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:	Nickel (and its compounds)			
CAS Number:	NA-11			
On a facility-wide basis:	2013	2012	Difference	
Amount that entered the facility as the substance	tonnes	tonnes	tonnes	%
itself or as a constituent of another substance:	> 10 to 100	> 10 to 100	> 0 to 1	-2.1%
The amount of substance that was created:	0.000	0.000	0.00	0%
The amount of substance that was contained in product:	> 10 to 100	> 10 to 100	> 0 to 1	-4.3%

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:	2013	2012	Difference	
Amount that entered the facility as the substance	tonnes	tonnes	tonnes	%
itself or as a constituent of another substance:	0.000	0.000	0.000	0%
The amount of substance that was created:	> 0 to 1	> 0 to 1	> 0 to 1	-9.6%
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:	2013	2012	Difference	
Amount that entered the facility as the substance	tonnes	tonnes	tonnes	%
itself or as a constituent of another substance:	0.000	0.000	0.000	0%
The amount of substance that was created:	> 0 to 1	> 0 to 1	> 0 to 1	-9.6%
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 2013

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 2013 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 where taken in 2013 to reduce the use and/or creation for any of the reportable substances. No amendments were made to the toxic substances reduction plans in 2013.

Annual Report Certification Statement

As of 13/05/2011, 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)
1344-28-1	Aluminum Oxide (TRA Exit Record in 2013)