

2014 Public Report of Accounting Results for ArcelorMittal Hamilton East, Hamilton

1. General Information

Substance Information		
Substance Name	CAS #	
Hydrochloric Acid	7647-01-0	
Lead (and its compounds) except tetraethyl lead	NA - 08	
Manganese (and its compounds)	NA - 09	
Zinc (and its compounds)	NA - 14	
Particulate Matter <=2.5 micrometers	NA - M10	
Particulate Matter <=10 micrometers	NA - M09	
Facility Information		
Company Name	ArcelorMittal Hamilton East	
Facility Address	690 Strathearne Avenue North, Hamilton, Ontario, L8H 7N8	
Site Coordinates (main entrance of site)	598178 E, 4790575 N, Zone 17	
NPRI ID	4045	
MOE ID	ON0009512	
Number of Full-Time Employees in 2014	190	
2-Digit NAICS Code	33 – Manufacturing	
4-Digit NAICS Code	3312 – Steel Product Manufacturing from Purchased Steel	
6-Digit NAICS Code	331222 – Steel Wire Drawing	
Facility Contact Information		
Public Contact	Guillermo Jorquera Manager Phone: (905) 528 - 9473 ext.6831 Fax: (905) 522-7044	E-mail: Guillermo.jorquera@arcelormittal.com Address: Same as facility address

2. Toxic Substance Accounting Summary

Facility-wide Amounts of Toxic Substances Reported for 2014:

Substance Name	Used	Created	Contained In Product	Release to Air	Disposed / Recycled
Hydrochloric Acid	100 to 1000	1 to 10	--	1 to 10	1 to 10 / 10 to 100
Lead (and its compounds) except tetraethyl lead	10,000 to 100,000 kg	10 to 100 kg	10,000 to 100,000 kg	10 to 100 kg	0 to 1 kg / 100 to 1000 kg
Manganese (and its compounds)	100 to 1000	1 to 10	100 to 1000	1 to 10	0 to 1 / 0 to 1
Zinc (and its compounds)	10 to 100	0 to 1	10 to 100	0 to 1	0 to 1 / 0 to 1
Particulate Matter <=2.5 micrometers	--	1 to 10	--	1 to 10	--
Particulate Matter <=10 micrometers	--	1 to 10	--	1 to 10	--

NOTE: Units are expressed in tonnes, unless otherwise indicated. '--' indicates not applicable.

3. Quantification Comparison to Previous Year

3.1 Hydrochloric Acid

	Unit	2014	2013	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	100 to 1000	100 to 1000	↓ 10 to 100	↑ 3%	Increased in amount purchased in 2014
Created	Tonnes	1 to 10	1 to 10	↓ 0 to 1	↓ 47%	Scrubber operating times decreased in 2014.
Contained In Product	--	--	--	--	--	--
Release to Air	Tonnes	1 to 10	1 to 10	↓ 0 to 1	↓ 47%	Scrubber operating times decreased in 2014.
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	Tonnes	1 to 10	10 to 100	↓ 1 to 10	↓ 59%	Decreased in disposed amount in 2014.
Transferred for Recycling	Tonnes	10 to 100	100 to 1000	↓ 10 to 100	↓ 81%	Decreased in recycled amount in 2014.

3.2 Lead (and its compounds) except tetraethyl lead

	Unit	2014	2013	Change (Unit)	Change (%)	Rationale for Change
Used	kg	10,000 to 100,000	10,000 to 100,000	↓1,000 to 10,000	↓ 24%	Decreased production.
Created	Kg	10 to 100	10 to 100	↓1 to 10	↓ 5%	No significant change
Contained In Product	kg	10,000 to 100,000	10,000 to 100,000	↓1,000 to 10,000	↓ 24%	Reduction in 2014 usage.
Release to Air	kg	10 to 100	10 to 100	↓1 to 10	↓ 5%	No significant change
Release to Water	kg	--	10 to 100	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	kg	100 to 1000	1 to 10	↑ 100 to 1000	↑ 3939 %	Increased in disposal.
Transferred for Recycling	kg	--	--	--	--	--.

3.3 Manganese (and its compounds)

	Unit	2014	2013	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	100 to 1,000	100 to 1,000	↑ 10 to 100	↑ 2%	No significant change
Created	Tonnes	0 to 1	0 to 1	↓ 0 to 1	↓ 2%	No significant change
Contained In Product	Tonnes	100 to 1,000	100 to 1,000	↑ 10 to 100	↑ 2%	No significant change
Release to Air	Tonnes	0 to 1	0 to 1	↓ 0 to 1	↓ 2%	No significant change
Release to Water	Tonnes	--	0 to 1	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	Tonnes	0 to 1	0 to 1	↑ 0 to 1	↑ 66%	Increased disposal of materials containing Manganese.
Transferred for Recycling	Tonnes	--	--	--	--	--

3.4 Zinc (and its compounds)

	Unit	2014	2013	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	10 to 100	10 to 100	↑ 1 to 10	↑ 20%	Increased production.
Created	Tonnes	0 to 1	0 to 1	↑ 0 to 1	5%	No significant change.
Contained In Product	Tonnes	10 to 100	10 to 100	↑ 1 to 10	↑ 35%	Increased production and less material disposed.
Release to Air	Tonnes	0 to 1	0 to 1	↑ 0 to 1	5%	No significant change.
Release to Water	Tonnes	0 to 1	1 to 10	↓ 1 to 10	↓ 100%	Disposal not captured in 2014
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	Tonnes	0 to 1	0 to 1	↓ 0 to 1	↓ 87%	Decreased in disposal
Transferred for Recycling	--	--	--	--	--	--

3.5 Particulate Matter <=10 micrometers

	Unit	2014	2013	Change (Unit)	Change (%)	Rationale for Change
Used	--	--	--	--	--	--
Created	tonnes	1 to 10	1 to 10	↓ 0 to 1	↓ 2%	No significant change.
Contained In Product	--	--	--	--	--	--
Release to Air	tonnes	1 to 10	1 to 10	↓ 0 to 1	↓ 2%	No significant change.
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	--	--	--	--	--	--

3.6 Particulate Matter <=2.5 micrometers

	Unit	2014	2013	Change (Unit)	Change (%)	Rationale for Change
Used	--	--	--	--	--	--
Created	tonnes	1 to 10	1 to 10	↓ 0 to 1	↓ 2%	No significant change.
Contained In Product	--	--	--	--	--	--
Release to Air	tonnes	1 to 10	1 to 10	↓ 0 to 1	↓ 2%	No significant change.
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	--	--	--	--	--	--

4. Objectives

ArcelorMittal Hamilton East prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. We will strive to optimize the use of Phosphorus, minimize the creation of Particulate Matter at the facility. No options have been identified, and as part of the continuous improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the use of Hydrochloric Acid, Lead, Manganese, Zinc and Particulate Matter at the facility.

5 Progress in Implementing Plan

5.1 This section does not apply since no feasible reduction options have been identified for implementation at this time.

For information on on-site releases from the facility, as well as disposal and off-site recycling information, please refer to National Pollutant Release Inventory's website: <http://www.ec.gc.ca/inrp-npri/>.

As of May 12, 2016, I, Al Lindholm, 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.

- Hydrochloric acid
- Lead (and its compounds) except tetraethyl lead
- Manganese (and its compounds)
- Zinc (and its compounds)
- Particulate Matter <=2.5 micrometers
- Particulate Matter <=10 micrometers



Al Lindholm
Director, Wire Group
ArcelorMittal Hamilton East