

**2013 Public Report of Accounting Results for ArcelorMittal Hamilton East, Hamilton**

**1. General Information**

<b>Substance Information</b>		
	<b>Substance Name</b>	<b>CAS #</b>
	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
<b>Facility Information</b>		
<b>Company Name</b>	ArcelorMittal Hamilton East	
<b>Facility Address</b>	690 Strathearne Avenue North, Hamilton Ontario L8H 7N8	
<b>Site Coordinates (main entrance of site)</b>	598177.90 E 4790574.58 N, Zone 17	
<b>NPRI ID</b>	4045	
<b>MOE ID</b>	ON0009512	
<b>Number of Full-Time Employees in 2013</b>	140	
<b>2-Digit NAICS Code</b>	33 – Manufacturing	
<b>4-Digit NAICS Code</b>	3312 – Steel Product Manufacturing from Purchased Steel	
<b>6-Digit NAICS Code</b>	331222 – Steel Wire Drawing	
<b>Facility Contact Information</b>		
<b>Public Contact</b>	Matthew Ogus Manager, Maintenance & Continuous Improvement Phone: 905-528-9473 Fax: 905-577-4408	Matthew.ogus@arcelormittal.com 690 Strathearne Avenue North, Hamilton Ontario L8H 7N8

## 2. Toxic Substance Accounting Summary

Facility-wide Amounts of Toxic Substances Reported for 2013

Substance Name	Used	Created	Contained In Product	Release to Air	Release to Water	Disposed	Recycled
Hydrochloric acid	100 to 1,000	--	--	1 to 10	--	10 to 100	100 to 1,000
Lead (and its compounds) except tetraethyl lead	10,000 to 100,000 kg	0 to 1 kg	10,000 to 100,000 kg	10 to 100 kg	10 to 100 kg	1 to 10 kg	--
Manganese (and its compounds)	100 to 1,000	0 to 1	100 to 1,000	0 to 1	0 to 1	0 to 1	--
Zinc (and its compounds)	10 to 100	0 to 1	10 to 100	0 to 1	1 to 10	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	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	100 to 1,000	100 to 1,000	↑ 100 to 1,000	↑ 19%	Hydrochloric acid usage increased.
Created	--	--	--	--	--	--
Contained In Product	--	--	--	--	--	--
Release to Air	Tonnes	1 to 10	1 to 10	↑ 0 to 1	↑ 0%	No significant change.
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	Tonnes	10 to 100	100 to 1,000	↓ 10 to 100	↓ 88%	Disposal and recycling were reported as disposals in 2012.
Transferred for Recycling	Tonnes	100 to 1,000	--	--	--	--

### 3.2 Lead (and its compounds) except tetraethyl lead

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	kg	10,000 to 100,000	10,000 to 100,000	↑ 10,000 to 100,000	↑ 93%	Lead usage increased.

Created	kg	0 to 1	0 to 1	↑ 0 to 1	↑ 13%	Natural gas usage increased.
Contained In Product	kg	10,000 to 100,000	10,000 to 100,000	↑ 10,000 to 100,000	↑ 93%	Lead usage increased, and therefore the contained in product increased.
Release to Air	kg	10 to 100	10 to 100	↑ 0 to 1	↑ 0.2%	No significant change.
Release to Water	kg	10 to 100	--	--	--	No release to water in 2012.
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	kg	1 to 10	--	--	--	No disposal in 2012.
Transferred for Recycling	--	--	--	--	--	--

### 3.3 Manganese (and its compounds)

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	100 to 1,000	100 to 1,000	↑ 10 to 100	↑ 19%	Increase in production.
Created	Tonnes	0 to 1	0 to 1	↑ 0 to 1	↑ 13%	Increase in natural gas usage.
Contained In Product	Tonnes	100 to 1,000	100 to 1,000	↑ 100 to 1,000	↑ 22%	Decrease in disposal and increase in usage of material containing manganese.
Release to Air	Tonnes	0 to 1	0 to 1	↑ 0 to 1	↑ 2%	No significant change.
Release to Water	Tonnes	0 to 1	0 to 1	↑ 0 to 1	↑ 33%	Increase in sewer waste.
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	Tonnes	0 to 1	1 to 10	↓ 1 to 10	↓ 100%	Decrease in disposal.
Transferred for Recycling	--	--	--	--	--	--

### 3.4 Zinc (and its compounds)

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	10 to 100	--	--	--	Substance was not reportable in 2012.
Created	Tonnes	0 to 1	--	--	--	Substance was not reportable in 2012.
Contained In Product	Tonnes	10 to 100	--	--	--	Substance was not reportable in 2012.
Release to Air	Tonnes	0 to 1	--	--	--	Substance was not reportable in 2012.

Release to Water	Tonnes	1 to 10	--	--	--	Substance was not reportable in 2012.
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	Tonnes	0 to 1	--	--	--	Substance was not reportable in 2012.
Transferred for Recycling	--	--	--	--	--	--

### 3.5 Particulate Matter <= 2.5 micrometers

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	--	--	--	--	--	--
Created	Tonnes	1 to 10	1 to 10	↑ 0 to 1	↑ 17%	Natural gas usage increased. Revised emissions from drawing machines.
Contained In Product	--	--	--	--	--	--
Release to Air	Tonnes	1 to 10	1 to 10	↑ 0 to 1	↑ 17%	Natural gas usage increased. Revised emissions from drawing machines.
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	--	--	--	--	--	--

### 3.6 Particulate Matter <= 10 micrometers

	Unit	2013	2012	Change (Unit)	Change (%)	Rationale for Change
Used	--	--	--	--	--	--
Created	Tonnes	1 to 10	1 to 10	↑ 1 to 10	↑ 17%	Natural gas usage increased. Revised emissions from drawing machines.
Contained In Product	--	--	--	--	--	--
Release to Air	Tonnes	1 to 10	1 to 10	↑ 1 to 10	↑ 17%	Natural gas usage increased. Revised emissions from drawing machines.
Release to Water	--	--	--	--	--	--
On-site Disposal	--	--	--	--	--	--
Transferred for Disposal	--	--	--	--	--	--
Transferred for Recycling	--	--	--	--	--	--

#### 4. Objectives

Particulate Matter  $\leq$  2.5 micrometers, Particulate Matter  $\leq$  10 micrometers:

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 Particulate Matter at the facility.

Hydrochloric acid, Lead, Manganese, Zinc:

Does not apply since new plans will be required.

#### 5. Progress in Implementing Plan

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 January 26, 2015, 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  $\leq$  2.5 micrometers*

*Particulate Matter  $\leq$  10 micrometers*



Al Lindholm

General Manager

ArcelorMittal Hamilton East