

1. General Information

Facility Information		
Company Name	Rollstar Metal Forming, a division of Martinrea International Inc.	
Facility Address	6655 Northwest Drive, Mississauga, ON	
Site Coordinates (main entrance of site)	17 T 610397.78 mE 4839809.4 mN	
NPRI ID	5929	
MOE ID	-	
Number of Full-Time Employees	297	
2-Digit NAICS Code	33 – Manufacturing	
4- Digit NAICS Code	3363 – Motor Vehicle Manufacturing	
6-Digit NAICS Code	336390 – Other Motor Vehicle Parts Manufacturing	
Substance Information		
Substance Name	CAS #	
Chromium (and its compounds)	NA – 04	
Copper (and its compounds)	NA – 06	
Manganese (and its compounds)	NA – 09	
Nickel (and its compounds)	NA – 11	
Zinc (and its compounds)	NA – 14	
Lead (and its compounds), except tetraethyl lead	NA – 08	
Toluene	108-88-3	
Ethyl alcohol	64-17-5	
Methyl ethyl ketone	78-93-3	
Facility Contact Information		
Public Contact	Mr. Justin LaPierre Health, Safety & Environmental Coordinator Phone #: 905-673-5060 Fax #: 905-673-5464	Justin.lapierre@martinrea.com 6655 Northwest Drive Mississauga, ON L4V 1L5

2. Toxic Substance Accounting Summary

Facility-wide Amounts of Toxic Substances Reported for 2018:

Substance Name	Used	Created	Contained In Product	Release to Air	Disposed / Recycled
Chromium (and its compounds)	100 to 1,000	--	0 to 1	0	100 to 1,000
Copper (and its compounds)	10 to 100	--	10 to 100	0	10 to 100
Manganese (and its compounds)	10 to 100	--	1 to 10	0	10 to 100
Nickel (and its compounds)	100 to 1,000	--	10 to 100	0	10 to 100
Zinc (and its compounds)	10 to 100	--	10 to 100	0	1 to 10
Lead (and its compounds)	1 to 10	--	1 to 10	0	0 to 1
Toluene	1 to 10	--	--	1 to 10	--
Ethyl alcohol	1 to 10	--	--	1 to 10	--
Methyl ethyl ketone	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 Chromium (and its compounds)

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	100 to 1,000	100 to 1,000	10 to 100	↑ 19.6	Increased stainless steel materials purchased/processed.
Created	--	--	--	--	--	
Contained In Product	Tonnes	0	100 to 1,000	100 to 1,000	↓ 121.8	
Release to Air	Tonnes	0	0	0	0	
Release to Water	--	--	--	--	--	Increase in scrap metal recycled. Data collection different from previous year.
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	
Transferred for Recycling	Tonnes	100 to 1,000	100 to 1,000	100 to 1,000	↑ 153.9	

3.2 Copper (and its compounds)

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	10 to 100	10 to 100	10 to 100	↑ 52.6	Increased aluminum material purchased/processed.
Created	--	--	--	--	--	
Contained In Product	Tonnes	10 to 100	10 to 100	1 to 10	↑ 18.6	
Release to Air	Tonnes	0	0	0	0	
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	Increase in scrap metal recycled. Data collection different from previous year.
Transferred for Recycling	Tonnes	10 to 100	1 to 10	1 to 10	↑ 252.7	

3.3 Manganese (and its compounds)

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	10 to 100	10 to 100	10 to 100	↑ 67.1	Increased stainless steel materials purchased/processed.
Created	--	--	--	--	--	
Contained In Product	Tonnes	1 to 10	10 to 100	1 to 10	↑ 54.9	
Release to Air	Tonnes	0	0	0	0	
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	Increase in scrap metal recycled. Data collection different from previous year.
Transferred for Recycling	Tonnes	10 to 100	1 to 10	10 to 100	↑ 267.5	

3.4 Nickel (and its compounds)

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	100 to 1,000	10 to 100	10 to 100	↑ 35	Increased stainless steel materials purchased/processed.
Created	--	--	--	--	--	
Contained In Product	Tonnes	10 to 100	10 to 100	1 to 10	↑ 11.8	
Release to Air	Tonnes	0	0	0	0	
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	Increase in scrap metal recycled. Data collection different from previous year.
Transferred for Recycling	Tonnes	10 to 100	1 to 10	10 to 100	↑ 487.1	

3.5 Zinc (and its compounds)

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	10 to 100	10 to 100	1 to 10	↑ 23.6	Increased stainless steel materials purchased/processed.
Created	--	--	--	--	--	
Contained In Product	Tonnes	10 to 100	10 to 100	1 to 10	↑ 11.2	
Release to Air	Tonnes	0	0	0	0	Increase in scrap metal recycled. Data collection different from previous year.
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	
Transferred for Recycling	Tonnes	1 to 10	1 to 10	1 to 10	↑ 129.8	

3.6 Lead (and its compounds), except tetraethyl lead

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	kg	1,000 to 10,000	1,000 to 10,000	100 to 1,000	↑ 38	Increased aluminum material purchased/processed.
Created	--	--	--	--	--	
Contained In Product	kg	1,000 to 10,000	1,000 to 10,000	100 to 1,000	↑ 24	
Release to Air	kg	0	0	0	0	Increase in scrap metal recycled. Data collection different from previous year
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	
Transferred for Recycling	kg	100 to 1,000	100 to 1,000	100 to 1,000	↑ 129.8	

3.7 Toluene

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	1 to 10	1 to 10	1 to 10	↑ 17.6	Increased use of materials/production.
Created	--	--	--	--	--	
Contained In Product	--	--	--	--	--	
Release to Air	Tonnes	1 to 10	1 to 10	1 to 10	↑ 17.6	
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	

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Transferred for Disposal	--	--	--	--	--
Transferred for Recycling	--	--	--	--	--

3.8 Ethyl alcohol

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	1 to 10	1 to 10	0 to 1	↑ 17.6	Increased use of materials/production.
Created	--	--	--	--	--	
Contained In Product	--	--	--	--	--	
Release to Air	Tonnes	1 to 10	1 to 10	0 to 1	↑ 17.6	
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	
Transferred for Recycling	--	--	--	--	--	

3.9 Methyl ethyl ketone

	Unit	2018	2017	Change (Unit)	Change (%)	Rationale for Change
Used	Tonnes	1 to 10	1 to 10	0 to 1	↑ 17.6	Increased use of materials/production.
Created	--	--	--	--	--	
Contained In Product	--	--	--	--	--	
Release to Air	Tonnes	1 to 10	1 to 10	0 to 1	↑ 17.6	
Release to Water	--	--	--	--	--	
On-site Disposal	--	--	--	--	--	
Transferred for Disposal	--	--	--	--	--	
Transferred for Recycling	--	--	--	--	--	

4. Objectives

Rollstar prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. This plan will determine the technical and economic feasibility of identified reduction options to determine which, if any, are viable for implementation at this time. As part of the continuous improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the use of the reported substances at the facility.

5. Progress in Implementing Plan

This section does not apply since no feasible reduction options are available for implementation at this time.

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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/>.

6. Highest Ranking Certification

The signed certification of the annual report is kept on file at the facility.

Annual Report Certification Statement

As of 01/06/2019, I, Bruce Hughes, 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.

TRA Substance List*

CAS RN	Substance Name
NA - 04	Chromium (and its compounds)
NA - 08	Lead (and its compounds)
NA - 11	Nickel (and its compounds)
NA - 14	Zinc (and its compounds)
64-17-5	Ethanol
78-93-3	Methyl ethyl ketone
108-88-3	Toluene
NA - 09	Manganese (and its compounds)
NA - 06	Copper (and its compounds)

*Due to reporting system limitations, for the 2018 annual report the TRA Substance List may included new Volatile Organic Compounds (VOCs) and/or Dioxins and Furans congeners reported to NPRI only.

Company Name

Rollstar Metal Forming

Highest Ranking Employee

Bruce Hughes

Website address where the Annual Report is posted for the public

<http://www.envirolum.com/rollstar-metal-forming.html>

- I, 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 'Save/Continue' 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. *

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As of _____, 2019, I, Bruce Hughes, 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.

Chromium (and its compounds)

Nickel (and its compounds)

Toluene

Copper (and its compounds)

Zinc (and its compounds)

Ethyl alcohol

Manganese (and its compounds)

Lead (and its compounds)

Methyl ethyl ketone

X _____

Bruce Hughes

General Manager

Rollstar Metal Forming