

TOXIC SUBSTANCE REDUCTION PLAN

Summary

for
Manganese (and its compounds)

Prepared for:

Rollstar Metal Forming, a division of Martinrea
6655 Northwest Drive
Mississauga, ON L4V 1L1

Prepared by:

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113 McKenzie Avenue
Kitchener, ON N2H 2A9

December 15, 2015

Project No.: 15ELC025

EXECUTIVE SUMMARY

Rollstar Metal Forming manufactures roll formed metal products, incorporating injection molded plastic for the automotive sector at their facility located at 6655 Northwest Drive in Mississauga, Ontario. In compliance with the Toxics Reduction Act and Ontario Regulation 455/09, this Toxics Substance Reduction Plan has been prepared to identify and evaluate potential options for the facility to reduce its use of manganese (and its compounds), CAS# NA-09.

The facility currently does not plan to implement any reduction options since no new opportunities for reduction were identified.

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1.0 Basic Facility Information

SUBSTANCE INFORMATION			
Substance Name	CAS #		
Manganese (and its compounds)	NA – 09		
Substances for which other plans have been prepared	CAS #		
Chromium (and its compounds)	NA – 04		
Lead (and its compounds)	NA - 08		
Nickel (and its compounds)	NA – 11		
Toluene	108-88-3		
Zinc (and its compounds)	NA – 14		
Ethyl alcohol	64-17-5		
Methyl ethyl ketone	78-93-3		
SITE DETAILS			
Company	Rollstar Metal Forming		
Site Name	Rollstar Metal Forming		
Address	6655 Northwest Drive Mississauga, Ontario L4V 1L1 Canada		
UTM - Easting	610392.53		
UTM - Northing	4839805.76		
NPRI ID	5929	NAICS Code (6 digits)	336390
ON MOE ID	-	NAICS Code (4 digits)	3363
No. of Employees	362	NAICS Code (2 digits)	33
CONTACT INFORMATION			
Public Contact	Marjorie Skalin		
Position	EH&S Coordinator		
Address	6655 Northwest Drive Mississauga, Ontario L4V 1L1 Canada		
Phone	905-673-5060 x2345		
Fax	905-673-5464		
Email	marjorie.skalin@martinrea.com		

2.0 Statement of intent

Rollstar Metal Forming, a division of Martinrea International Inc. is committed to playing a leadership role in protecting the environment. The use of manganese is an integral part of the products that we manufacture, and it is not technically or economically feasible to reduce. We will continue to use the substance in strict accordance with all applicable environmental regulations.

3.0 Objectives of the plan & any targets

The objectives of this plan are to:

- identify potential toxic substance reduction options;
- assess the technical and economic feasibility of reduction options, if any are identified; and
- determine which options, if any, are feasible for implementation.

As part of the continual improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the use of manganese at the facility.

4.0 Reason for Use or Creation of Toxic Substance

The reported toxic substance, manganese is identified as a trace element of the steel materials processed at the facility. Stainless steel consist of manganese to retain an austenitic structure at all temperatures from the cryogenic region to the melting point of the alloy. Manganese is not created at the facility.

5.0 Statement for Not Implementing Reduction Options

The facility currently does not plan to implement any reduction options since no new opportunities for reduction were identified. Technical and economic feasibility analysis are not included in the plan since no reduction options were identified.

The facility will continue to make improvements to processes and programs where feasible.

6.0 Estimated Reductions for Options Selected

Not applicable since no feasible options were identified for implementation.

7.0 Timelines for Achieving Estimated Reduction

Not applicable since no feasible options were identified for implementation.

8.0 Contents of this Plan Summary Reflects Plan

The plan summary accurately reflects the Toxic Substance Reduction Plan dated December 14, 2015, prepared for the substances identified in Section 1 of this plan summary.

9.0 Copy of Certifications

A copy of the certifications signed by the highest ranking employee and licensed planner are attached to the end of this summary.

Rollstar Metal Forming, a division of Martinrea International Inc.
Toxic Substance Reduction Plans – Manganese
Mississauga, ON
December 2015



Certification by highest ranking employee

As of December 17, 2015, I, Brian Bunn, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Manganese (and its compounds)



Brian Bunn
General Manager
Rollstar Metal Forming

Dec 17/15

Date

Certification by toxic substance reduction planner

As of December 14, 2015, I, Connie Lum, certify that I am familiar with the processes at Rollstar Metal Forming that use or create the toxic substances referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the *Toxics Reduction Act, 2009* that are set out in the toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Manganese (and its compounds)



Connie Lum, B.Sc., EP
Toxic Substance Reduction Planner (TSRP0089)
Envirolum Consulting

14-Dec-15

Date