Report Preview

Report Details

Report Year	2016
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	29/05/2017 11:37 AM

Company and Facility Details

Company Name:	Martinrea Fabco Metallic Canada Inc.
Business Number:	897419461
Mailing Address:	Delivery Mode: GeneralDelivery Rural Route Number: 928 Address Line 1: 30 Aviva Park Drive City, Province/Territory, Postal Code: Vaughan Ontario L4L 9C7 Country: Canada
Facility Name:	Ridgetown Division
NAICS Code:	336370
NPRI ID:	4891
Physical Address:	Address Line 1: 99 Golf Course Drive City, Province/Territory, Postal Code: Ridgetown Ontario N0P2C0 Country: Canada Latitude: 42.42780 Longitude: -81.88060 UTM Zone: 17 UTM Easting: 427552 UTM Northing: 4697621

Parent Companies

Company Name:	Martinrea International Inc. (Alfield Industries Ltd.)
Business Number:	840066161
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 30 Aviva Park Drive City, Province/Territory, Postal Code: Vaughan Ontario L4L9C7 Country: Canada
Company Name:	Martinrea International Inc.
Business Number:	840066161
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 30 Aviva Park Drive City, Province/Territory, Postal Code: Vaughan Ontario L4L9C7 Country: Canada

Contacts Details

Contact Type	Technical Contact
Name:	Ian Wood
Position:	Industrial Engineer
Telephone:	5196740711
Email:	ian.wood@martinrea.com
Contact Type	Certifying Official, Highest Ranking Employee
Name:	Cengiz Fehmi
Position:	Plant Manager
Telephone:	5196740711
Email:	cengiz.fehmi@martinrea.com
Contact Type	Person who prepared the report
Name:	Robert Morgan
Position:	Environmental Consultant
Telephone:	5198840510
Fax:	5198840525
Email:	robert.morgan@ghd.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 651 Colby Drive City, Province/Territory, Postal Code: Waterloo Ontario N2V 1C2 Country: Canada

General Information

Number of employees:	260
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	Yes
Did the facility report under other environmental regulations or permits:	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 04	Chromium (and its compounds)	0.0002	N/A	N/A	87.6080	tonnes
NA - 09	Manganese (and its compounds)	0.0180	N/A	N/A	181.3250	tonnes
NA - 14	Zinc (and its compounds)	0.0600	N/A	N/A	163.0420	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
NA - 04	Chromium (and its compounds)	Yes	Yes		No
NA - 09	Manganese (and its compounds)	Yes	Yes		No
NA - 14	Zinc (and its compounds)	Yes	Yes		No

General Information about the Substance - Releases and Transfers of the Substance

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
NA - 04	Chromium (and its compounds)	Yes	Yes	No
NA - 09	Manganese (and its compounds)	Yes	Yes	No
NA - 14	Zinc (and its compounds)	Yes	Yes	No

General Information about the Substance - Disposals and Off-site Transfers for Recycling

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
NA - 04	Chromium (and its compounds)	No	No	Yes
NA - 09	Manganese (and its compounds)	No	No	Yes
NA - 14	Zinc (and its compounds)	No	No	Yes

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - 04	Chromium (and its compounds)	For on-site use/processing		
NA - 09	Manganese (and its compounds)	For on-site use/processing		
NA - 14	Zinc (and its compounds)		As a formulation component	

Substances added to/removed from the report

CAS RN	Substance Name	Added/Removed	Comment
NA - M09	PM10 - Particulate Matter <= 10 Microns	Removed	This is the second consecutive year that this toxic substance is below the NPRI threshold. A TRA exit record was completed last year.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Removed	This is the second consecutive year that this toxic substance is below the NPRI threshold. A TRA exit record was completed last year.

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
NA - 04	Chromium (and its compounds)	Use	226.271 tonnes	Yes
NA - 04	Chromium (and its compounds)	Creation	0 tonnes	Yes
NA - 04	Chromium (and its compounds)	Contained	138.663 tonnes	Yes
NA - 09	Manganese (and its compounds)	Use	468.766 tonnes	Yes
NA - 09	Manganese (and its compounds)	Creation	0 tonnes	Yes
NA - 09	Manganese (and its compounds)	Contained	287.424 tonnes	Yes
NA - 14	Zinc (and its compounds)	Use	422.649 tonnes	Yes
NA - 14	Zinc (and its compounds)	Creation	0 tonnes	Yes
NA - 14	Zinc (and its compounds)	Contained	259.547 tonnes	Yes

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Incidents out of the normal course of events	Significant Process Change
NA - 04	Chromium (and its compounds)					No
NA - 09	Manganese (and its compounds)					No

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Incidents out of the normal course of events	Significant Process Change
NA - 14	Zinc (and its compounds)					No

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 04	Chromium (and its compounds)	Total Quantity Released	E2 - Published Emission Factors		0.0002 tonnes
NA - 09	Manganese (and its compounds)	Total Quantity Released	E2 - Published Emission Factors		0.018 tonnes
NA - 14	Zinc (and its compounds)	Total Quantity Released	E2 - Published Emission Factors		0.060 tonnes

On-site Releases - Total

On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
NA - 04	Chromium (and its compounds)	Changes in production levels	Use of new welding material that contains small amounts of toxic substance
NA - 09	Manganese (and its compounds)	Other (specify in On-site Releases comment field)	Change in welding material that contains small amounts of toxic substance
NA - 14	Zinc (and its compounds)	Other (specify in On-site Releases comment field)	Change in welding material that contains small amounts of toxic substance

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
NA - 04	Chromium (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 14	Zinc (and its compounds)		No significant change (i.e. < 10%) or no change	

Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 04	Chromium (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		87.608 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		181.325 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		163.042 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 04	Chromium (and its compounds)	87.608 tonnes
NA - 09	Manganese (and its compounds)	181.325 tonnes
NA - 14	Zinc (and its compounds)	163.042 tonnes

Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 04	Chromium (and its compounds)	Recovery of Metals and Metal Compounds	K & K Recycling Services	134 Orchard Rd., Ajax, ON, Canada	87.608 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	K & K Recycling Services	134 Orchard Rd., Ajax, ON, Canada	181.325 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	K & K Recycling Services	134 Orchard Rd., Ajax, ON, Canada	163.042 tonnes

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 04	Chromium (and its compounds)	Unusable parts or discards	Other (specify in recycling comments field)	Decrease in raw materials containing toxic substance
NA - 09	Manganese (and its compounds)	Unusable parts or discards	Other (specify in recycling comments field)	Increase in raw materials that contain toxic substance

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 14	Zinc (and its compounds)	Unusable parts or discards	Other (specify in recycling comments field)	Decrease in raw materials that contain toxic substance

Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 04	Chromium (and its compounds)	No	Enters the facility (Use)	226.271 tonnes	293.391 tonnes	2015	-67.120	-22.88
NA - 04	Chromium (and its compounds)	No	Creation	0 tonnes	0 tonnes	2011	0	
NA - 04	Chromium (and its compounds)	No	Contained	138.663 tonnes	189.233 tonnes	2015	-50.570	-26.72
NA - 09	Manganese (and its compounds)	No	Enters the facility (Use)	468.766 tonnes	440.086 tonnes	2015	28.680	6.52
NA - 09	Manganese (and its compounds)	No	Creation	0 tonnes	0 tonnes	2015	0	
NA - 09	Manganese (and its compounds)	No	Contained	287.424 tonnes	283.850 tonnes	2015	3.574	1.26
NA - 14	Zinc (and its compounds)	No	Enters the facility (Use)	422.649 tonnes	1830.036 tonnes	2015	-1407.387	-76.90
NA - 14	Zinc (and its compounds)	No	Creation	0 tonnes	0 tonnes	2015	0	
NA - 14	Zinc (and its compounds)	No	Contained	259.547 tonnes	1180.351 tonnes	2015	-920.804	-78.01

Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 04	Chromium (and its compounds)	Other	Decrease in raw materials using toxic substance
NA - 09	Manganese (and its compounds)	Other	Increase in raw materials that contain toxic substance
NA - 14	Zinc (and its compounds)	Other	Decrease in raw materials using toxic substance

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 04	Chromium (and its compounds)	No	Total Releases to Air	0 tonnes				
NA - 04	Chromium (and its compounds)	No	Total Releases to Water	0 tonnes				
NA - 04	Chromium (and its compounds)	No	Total Releases to Land	0 tonnes				
NA - 04	Chromium (and its compounds)	No	Total Releases to All Media	0.0002 tonnes	0.000 tonnes	2015	0.0002	100
NA - 09	Manganese (and its compounds)	No	Total Releases to Air	0 tonnes				
NA - 09	Manganese (and its compounds)	No	Total Releases to Water	0 tonnes				
NA - 09	Manganese (and its compounds)	No	Total Releases to Land	0 tonnes				
NA - 09	Manganese (and its compounds)	No	Total Releases to All Media	0.018 tonnes	0.000 tonnes	2015	0.018	100
NA - 14	Zinc (and its compounds)	No	Total Releases to Air	0 tonnes				
NA - 14	Zinc (and its compounds)	No	Total Releases to Water	0 tonnes				
NA - 14	Zinc (and its compounds)	No	Total Releases to Land	0 tonnes				
NA - 14	Zinc (and its compounds)	No	Total Releases to All Media	0.060 tonnes	0.000 tonnes	2015	0.060	100

Comparison Report - On-site Releases - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 04	Chromium (and its compounds)	Other	Use of new welding material that contains small amounts of toxic substance
NA - 09	Manganese (and its compounds)	Other	Use of new welding material that contains small amounts of toxic substance
NA - 14	Zinc (and its compounds)	Other	Change in welding material that contains small amounts of toxic substance

Comparison Report - Transfers off-site for Recycling

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 04	Chromium (and its compounds)	No	Total off-site Transfers for Recycling	87.608 tonnes	104.157 tonnes	2015	-16.549	-15.89
NA - 09	Manganese (and its compounds)	No	Total off-site Transfers for Recycling	181.325 tonnes	156.236 tonnes	2015	25.089	16.06
NA - 14	Zinc (and its compounds)	No	Total off-site Transfers for Recycling	163.042 tonnes	649.685 tonnes	2015	-486.643	-74.90

Comparison Report - Transfers off-site for Recycling - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 04	Chromium (and its compounds)	Other	Decrease in raw materials containing toxic substances
NA - 09	Manganese (and its compounds)	Other	Increase in raw materials that contain toxic substance
NA - 14	Zinc (and its compounds)	Other	Decrease in raw materials containing toxic substances

Pollution Prevention

Does the facility have a documented pollution prevention plan?	No
Did the facility complete any pollution prevention activities in the current NPRI reporting year	No

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - 04	Chromium (and its compounds)	Martinrea International Inc. 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 each identified option 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 for reduction.
NA - 09	Manganese (and its compounds)	Martinrea International Inc. is committed to playing a leadership role in protecting the environment. The use of Chromium, Manganese, and Nickel is an integral part of the products that we manufacturer, and it is not technically or economically feasible to reduce. We will continue to use these substances in strict accordance with all applicable environmental regulations.
NA - 14	Zinc (and its compounds)	Martinrea International Inc. 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 each identified option 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 for reduction.

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 04	Chromium (and its compounds)	No quantity target	No timeline target	
NA - 09	Manganese (and its compounds)	No quantity target	No timeline target	
NA - 14	Zinc (and its compounds)	No quantity target	No timeline target	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 04	Chromium (and its compounds)	No quantity target	No timeline target	
NA - 09	Manganese (and its compounds)	No quantity target	No timeline target	
NA - 14	Zinc (and its compounds)	No quantity target	No timeline target	

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
NA - 04	Chromium (and its compounds)	No		
NA - 09	Manganese (and its compounds)	No		
NA - 14	Zinc (and its compounds)	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 04	Chromium (and its compounds)	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 09	Manganese (and its compounds)	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	

Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
NA - 04	Chromium (and its compounds)	No		
NA - 09	Manganese (and its compounds)	No		
NA - 14	Zinc (and its compounds)	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Martinrea Fabco Metallic Canada Inc.

Certifying Official (or authorized delegate)

Cengiz Fehmi

Report Submitted by

Cengiz Fehmi

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 29/05/2017, I, Cengiz Fehmi, 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 - 09	Manganese (and its compounds)
NA - 14	Zinc (and its compounds)

Company Name

Martinrea Fabco Metallic Canada Inc.

Highest Ranking Employee

Cengiz Fehmi

Report Submitted by

Cengiz Fehmi

Website address

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 '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.

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2016	29/05/2017	Ridgetown Division	Ontario	Ridgetown	NPRI,ON MOE TRA

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.

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