



Memorandum

June 1, 2018

To: Ian Wood

Ref. No.: 047955

From: Mike Masschaele/kf/13

**Subject: Documentation Report for 2017 Reporting Year
National Pollutant Release Inventory, Ontario Regulation 127,
Greenhouse Gas Assessment and Toxics Reduction Act
Martinrea Fabco Canada, Ridgeway, Ontario**

This memorandum has been prepared to provide documentation for the O. Reg. 127/01, National Pollutant Release Inventory (NPRI), Toxic Reduction Act (TRA) and Greenhouse Gas reporting for 2017 for the Martinrea (Martinrea) Ridgeway facility (Facility).

The memorandum is summarized in the following sections:

- 1.0 NAICS Code Classification
- 2.0 NPRI Applicability
- 3.0 Manufacture, Process, or Otherwise Use Quantities Determinations
- 4.0 NPRI CAC Air Emission Release Estimates
- 5.0 Environment Canada GHG Summary
- 6.0 Ontario Regulation 143/16 GHG Reporting
- 7.0 Toxics Reduction Act, O. Reg. 455/09
- 8.0 Section A Administrative Information
- 9.0 Conclusions
- 10.0 Next Steps - TRA

1. NAICS Code Classification

Martinrea manufactures automotive parts using stamping and welding processes, and as such is classified by the North American Industrial Classification System (NAICS) as Code 336370 – Motor Vehicle Metal Stamping. Since this code is not listed in *Table 1* of Reg. 127, Martinrea is not applicable for reporting under Reg. 127.



2. NPRI Applicability

The Facility will be required to calculate and report the emissions of substances listed in Table 1 annually only if both of the following criteria are met:

- The equivalent of 20,000 hours of labour or more annually (equal to 10 full time employees).
- Any substance in NPRI has MPO quantities that are equal to or greater than the corresponding MPO threshold identified in NPRI.

Since the Facility employs 260 people, the first criterion is met and the Facility did use compounds listed on NPRI during the 2017 reporting year. Therefore, NPRI MPO criteria were assessed, as summarized in Table 1.

3. Manufacture, Process, or Otherwise Use Quantities Determinations

GHD has evaluated the 2017 material usage information provided by Martinrea. The quantities of each material were sorted by the Chemical Abstract Service Number (CAS No.) and summed to determine the MPO quantity of each material used at the facility.

The MPO quantities were compared with the NPRI MPO thresholds to determine reporting status, as summarized in Table 1.

The total quantities of manganese, zinc, chromium, and copper exceed the corresponding MPO thresholds and are therefore reportable.

4. NPRI CAC Air Emission Release Estimates

The particulate matter emissions estimated from welding operations were based on the annual weld rod usage provided by Martinrea and USEPA AP-42 emission factors for shielded metal arc welding (SMAW). A summary of the air release estimates are provided in Table 2.

The PM₁₀ emissions from the operation of the cooling tower are calculated in Table 3.

Martinrea provided the monthly natural gas, propane usage rates in order to determine the combustion air release estimates of CACs based on USEPA AP-42 emissions factors.

The annual emission rates of air releases for NPRI CACs are provided in Table 4. The Facility is reportable for air emissions of PM₁₀ and PM_{2.5}.

5. Environment Canada GHG Summary

Federally, Under Section 46 of the *Canadian Environmental Protection Act, 1999* (CEPA 1999), *Notice with respect to reporting of greenhouse gases (GHGs) for 2017*, Facilities must report their GHG emissions to Environment Canada if they exceed 10,000 tonnes carbon dioxide equivalent (CO_{2e}).



The federal reporting requirements and sources to include in the reporting are described in the Canada Gazette. Martinrea does not exceed the reporting threshold and therefore is not required to report GHG emissions to Environment Canada. The applicability threshold value calculated from the Federal GHG sources are presented in Table 5A.

6. Ontario Regulation 143/16 GHG Reporting

Under the new Ontario Regulation 143/16 Greenhouse Gas Emissions Reporting (O. Reg. 143/16), Facilities are required to report in June 2018 for the 2017 calendar year emissions if they exceed 10,000 tonnes of carbon dioxide equivalent (CO₂e). The regulation sets out sources that must be included in the threshold determination as well as reporting requirements.

The Martinrea sources included in O. Reg. 143/16 are stationary combustion sources. Martinrea sources do not exceed the reportable threshold and therefore the Facility is not required to report GHG emissions to the Ministry of the Environment. The applicability threshold value calculated from the GHG sources are presented in Table 5B.

7. Toxics Reduction Act Reporting

The TRA and Regulation 455/09 applies to manufacturing (NAICS 31-33) and select mining/processing facilities that employ more than an equivalent of 10 full-time persons, and who use or create acetone or materials regulated by the NPRI.

Martinrea NAICS Code is 336370 – Motor Vehicle Metal Stamping and the facility was NPRI Reportable for the 2017 reporting year; therefore, Martinrea facility is currently applicable under the Act. NPRI reportable quantities are provided on Table 6A.

The monitoring period was January 1, 2017 to December 31, 2017 with reporting due June 1, 2018. The reporting thresholds for the TRA are harmonized with the NPRI reporting thresholds meaning that Martinrea is reportable for manganese, zinc, chromium, copper, PM₁₀ and PM_{2.5} under TRA. The Facility is required to report the amount of each reportable compounds that are created, used, and contained in final product. The TRA reported values are summarized on Table 6B.

Martinrea previously prepared Toxic Substance Reduction Plans for manganese, zinc, and chromium.

The reasons for change from the 2016 reporting year to the 2017 reporting year for the NPRI reportable substances are summarized in Table 7. The reasons for change from the 2016 reporting year to the 2017 reporting year for the TRA reportable substances are summarized in Table 8.

8. Section A Administrative Information

The administrative information provided by Martinrea is summarized in Table 9.



9. Conclusions

Martinrea is reportable under NPRI for manganese, zinc, chromium, copper, PM₁₀ and PM_{2.5}. Martinrea is also reportable under TRA for manganese, zinc, chromium, copper, PM₁₀ and PM_{2.5}.

Martinrea is not reportable federally or provincially for GHG emissions or to Reg. 127 for acetone.

10. Next Steps – TRA

Martinrea is required to make available to the public on the internet, and provide to a member of the public upon written request, the information reported to the Toxics Reduction Act in accordance with Section 27 of O. Reg. 455/09.

A TRA Public Reporting Summary (2017 NPRI Report) for Martinrea is provided in Attachment A.

Should you have any questions on the above, please do not hesitate to contact us.

Table 1
NPRI MPO Thresholds and Air Release Estimates
Martinrea
Ridgetown, Ontario

CAS No.	Compounds	Compound Type	Product Name	Usage (kg/yr)	wt. %	MPO Quantity (kg/yr)	Estimated Emission Quantity ⁽²⁾ (kg/yr)	Recycled Quantity (kg/yr)			
7440-02-0	Nickel	NPRI	Cold Rolled Steel	15,316,639	deminimus	-	(1)	-			
7439-96-5	Manganese	NPRI			1.65	252,725	(1)	99,647			
7440-47-3	Chromium	NPRI			1.1	168,483	(1)	66,431			
7440-02-0	Nickel	NPRI	Hot Rolled Steel	2,524,266	deminimus	-	(1)	-			
7439-96-5	Manganese	NPRI			1.65	41,650	(1)	16,422			
7440-47-3	Chromium	NPRI			1.1	27,767	(1)	10,948			
7439-89-6	Iron	NPRI	Aluminized Steel	7,564,876	-	-	(1)	-			
7429-90-5	Aluminum				deminimus	-	(1)	-			
7440-42-8	Boron				-	-	(1)	-			
7440-70-2	Calcium				-	-	(1)	-			
7440-44-0	Carbon				-	-	(1)	-			
7440-47-3	Chromium				0.15	11,347	(1)	4474			
7440-03-01	Columbium				-	-	(1)	-			
7440-50-8	Copper				deminimus	-	(1)	-			
7439-96-5	Manganese				2	151,298	(1)	59655			
7439-98-7	Molybdenum				-	-	(1)	-			
7440-02-0	Nickel				deminimus	-	(1)	-			
7723-14-0	Phosphorus				deminimus	-	(1)	-			
7440-21-3	Silicon				-	-	(1)	-			
7704-34-9	Sulfur	-	-	(1)	-						
7440-32-6	Titanium	-	-	(1)	-						
7440-62-2	Vanadium	deminimus	-	(1)	-						
7439-96-5	Manganese	NPRI	Zinc Coated Steel (Galvanized and Galvanneal)	186,595	1.65	3,079	(1)	1,214			
7440-02-0	Nickel	NPRI			deminimus	-	(1)	--			
7440-47-3	Chromium	NPRI			1.1	2,053	(1)	809			
7440-66-6	Zinc	NPRI			15	27,709	(1)	10,926			
Welding Products											
7440-50-8	Copper	NPRI	LAVATA Silicon Bronze Wire	10,298	99	10,181	390.94	NA			
7429-90-5	Aluminum	NPRI			11	1,133	43.50	NA			
7439-89-6	Iron	NPRI			-	-	-	NA			
7440-31-5	Tin				-	-	-	NA			
7440-66-6	Zinc				43	4,420	169.72	NA			
7440-21-3	Silicon				-	-	-	NA			
7439-96-5	Manganese				1.5	154	5.93	NA			
7439-96-5	Manganese				NPRI	Lincolnweld L-50 and Blueshield	5,862	10	586	22.51	NA
7440-50-8	Copper				NPRI			deminimus	-	-	NA
7440-21-3	Silicon	NPRI	Copper Electrodes	843.2	-	-	-	NA			
1314-13-2	Iron oxide				-	-	-	NA			
7439-92-1	Lead				deminimus	-	-	NA			
7440-47-3	Chromium				1.50	13	0.49	NA			
18540-29-9	Chromium (Hexavalent)				1.50	13	0.49	NA			
7440-67-2	Zirconium				-	-	-	NA			
7440-50-8	Copper				100.0	843	32.38	NA			

Table 1
NPRI MPO Thresholds and Air Release Estimates
Martinrea
Ridgetown, Ontario

CAS No.	Compounds	Compound Type	Product Name	Usage	wt. %	MPO	Estimated	Recycled
				(kg/yr)		Quantity (kg/yr)	Emission Quantity ⁽²⁾ (kg/yr)	Quantity (kg/yr)
			MPO Threshold (kg/yr)	NPRI Reportable? (Yes/No)		Air Releases (kg/yr)		Recycled Quantity (kg/yr)
7440-66-6	Total Zinc Processed	32,129	10,000	Yes	Total Zinc Released	170	Total Zinc Recycled	10,926
7439-96-5	Total Manganese Processed	449,492	10,000	Yes	Total Manganese Released	28	Total Manganese Recycled	176,938
7440-02-0	Total Nickel Processed	0	10,000	No	Total Nickel Released	0	Total Nickel Recycled	0
7440-47-3	Total Chromium Processed	209,662	10,000	Yes	Total Chromium Released	0.5	Total Chromium Recycled	82,663
18540-29-9	Total Hexavalent Chromium Processed	13	50	No	Total Hexavalent Chromium Released	0	Total Hexavalent Chromium Recycled	0
7723-14-0	Total Phosphorus Processed	0	10,000	No	Total Phosphorus Released	0	Total Phosphorus Recycled	0
7439-92-1	Total Lead Processed	0	50	No	Total Lead Released	0	Total Lead Recycled	0
7440-62-2	Total Vanadium Processed	0	10,000	No	Total Vanadium Released	0	Total Vanadium Recycled	0
7440-50-8	Total Copper Processed	11,024	10,000	Yes	Total Copper Released	424	Total Copper Recycled	14,914
7429-90-5	Total Aluminum Processed	1,133	10,000	No	Total Aluminum Released	43	Total Aluminum Recycled	0

Notes:

- (1) The Facility spot welds the steel therefore removing its article status, however the air emissions from the steel pass through a dust collector and therefore its air releases are considered insignificant from this process.
(2) Emission quantities based on the total PM10 releases calculated in Table 2.
NA Not Applicable

Table 2

**Pm₁₀ Emission Release Calculations for Welding
Martinrea
Ridgetown, Ontario**

Particulate (PM10)	Type	Annual Usage (kg/yr)	Total Fume Emission Factor (g/kg)	Estimated Emission Quantity (kg/yr)
LAVATA Silicon Bronze Wire	S1045500	10,298	38.40 (1)	395.44
Lincoln	L-50	1,362	38.40 (1)	52.30
Blueshield	BLU-38977435	4,500	38.40 (1)	172.80
CLFB-25	Cap	570	38.40 (1)	21.89
CLFB-25S	Cap	171	38.40 (1)	6.57
CFLB-24	Cap	30	38.40 (1)	1.16
CFLB-26	Cap	17	38.40 (1)	0.66
CLFA-26	Cap	34	38.40 (1)	1.29
FAB-118	Cap	21	38.40 (1)	0.81
MPB25	Cap	7	38.40 (1)	0.29
TOTAL (PM and PM10)				<u>652.92</u>
TOTAL (PM2.5) (2)				<u>489.69</u>

Notes:

(1) Based on USEPA AP-42 emission factors for shielded metal arc welding (SMAW), provided in Section 12.19, Tables 12.19-1. Worst-case electrode was used to be conservative.

(2) PM2.5 estimated to be 75% of the PM10 released from welding.

Table 3
Cooling Tower Emission Estimates
Martinrea
Ridgetown, Ontario

Recirculation Rate (gpm)	US EPA AP-42 Emission Factor (lb/10³ gal)	PM10 Release Estimates (kg/yr)
60	0.019	179

Notes:

- (1) Based on US EPA "AP-42" emission factors for Induced Draft cooling towers (section 13.4).
- (2) Based on an operating rate of 5,760 hrs per year.

Table 4
Criteria Air Contaminant and GHG Air Emission Release Estimates
Martinrea
Ridgetown, Ontario

Compound	USEPA AP-42 Emission Factor - Natural Gas (kg/10⁶m³)	USEPA AP-42 Emission Factor - Propane Ch. 1.5 (kg/m³)	Annual Emission Rate (kg/yr)	NPRI Reporting Threshold (kg/yr)	NPRI Reportable? (y/n)
Carbon Dioxide	1,920,000	1500	490,381	GHG	Refer to Table 6
Carbon Monoxide	1,344	0.90	324	20,000	NO
Oxides of Nitrogen (NO ₂)	1,600	2	425	20,000	NO
Nitrous Oxide	35.2	0.108	15.3	GHG	Refer to Table 6
Sulphur Dioxide	9.6	--	1.8	20,000	NO
Particulate Matter	30.4	0.02	839	20,000	NO
10µm Particulate Matter (1) (2)	30.4	0.02	839	500	YES
2.5µm Particulate Matter (1) (3)	30.4	0.02	497	300	YES
Volatile Organic Compounds	88	0.1	26.2	10,000	NO
Methane	37	0.02	8.8	GHG	Refer to Table 6

Notes:

- (1) PM2.5 is a subset of PM10 and PM10 is a subset of PM.
- (2) PM10 Emissions include emissions from yearly welding, cooling tower, and natural gas and propane combustion.
- (3) PM2.5 Emissions include emissions from yearly welding, natural gas and propane combustion.
- (4) Carbon Dioxide used as shielding gas during welding operations.
100% estimated as released to air and added to natural gas combustion CO2 emissions above. Converted to kg using CO2 density (1.98 kg/m3).

2017 CO₂ Usage Rate (4) = 10,121 kg

2017 Natural Gas Usage Rates	Quantity	Percentage	Contaminant CAS No.	kg
January	41387.16 m ³	22.18%	January	96
February	33570.85 m ³	17.99%	February	88
March	23122.27 m ³	12.39%	March	77
April	17649.43 m ³	9.46%	April	72
May	10448.58 m ³	5.60%	May	65
June	4502.31 m ³	2.41%	June	59
July	610.72 m ³	0.33%	July	55
August	274.59 m ³	0.15%	August	55
September	790.63 m ³	0.42%	September	55
October	1619.13 m ³	0.87%	October	56
November	18586.82 m ³	9.96%	November	73
December	34072.69 m ³	18.26%	December	88
Total	186,635 m³	100.00%	Total Annual	839

2017 Propane Usage Rate	Quantity
Total	81 m³

Table 5a

**Carbon Dioxide Equivalent Greenhouse Gas Summary- Federal
Martinrea
Ridgetown, Ontario**

Compound	CAS No.	Annual Emission Rate (1) (kg/yr)	Global Warming Potential Factor	CO2 Equivalent Emission (kg/yr)
Carbon Dioxide	124-38-9	490,381	1	490,381
Methane	74-82-8	8.82	25	220
Nitrous Oxide	10024-97-2	15.3	298	4,574
HFC-134A	811-97-2	0	1,300	0
TOTAL				495,175
Threshold (FEDERAL)				10,000,000
REPORTABLE?				No

Note:

(1) Refer to Table 4 for summary of emission estimates.

Table 5b

**Carbon Dioxide Equivalent Greenhouse Gas Summary - Provincial
Martinrea
Ridgetown, Ontario**

Compound	CAS No.	Annual Emission Rate (1) (kg/yr)	Global Warming Potential Factor	CO2 Equivalent Emission (kg/yr)
Carbon Dioxide	124-38-9	490,381	1	490,381
Methane	74-82-8	8.82	21	185
Nitrous Oxide	10024-97-2	15.3	310	4,758
HFC-134A	811-97-2	0	1,300	0
TOTAL				495,324
Threshold (PROVINCIAL)				10,000,000
REPORTABLE?				No

Note:

(1) Refer to Table 4 for summary of emission estimates.

Table 6a

**Summary of NPRI Reportable Quantities
Martinrea
Ridgetown, Ontario**

Compounds	CAS No. No.	2017 Off-Site Recycling (tonnes)	2017 Air Releases (tonnes)
NPRI CAC			
PM10	NA	NA	0.839
PM2.5	NA	NA	0.497
NPRI			
Manganese	7439-96-5	176.938	0.028
Zinc	7440-66-6	10.926	0.170
Chromium	7440-47-3	82.663	0.0005
Copper	7440-50-8	15	0.424

Note:

NA - Not Applicable.

Table 6b

**Summary of TRA Reportable Quantities
Martinrea
Ridgetown, Ontario**

Compounds	CAS No. No.	2017 Contained in Product (1) (tonnes)	2017 Used (2) (tonnes)	2017 Created (tonnes)
TRA				
Manganese	7439-96-5	272.525	449.492	0.000
Zinc	7440-66-6	21.034	32.129	0.000
Chromium	7440-47-3	126.999	209.662	0.000
Copper	7440-50-8	33.510	48.848	0.000
PM10	NA	0.000	0.000	0.839
PM2.5	NA	0.000	0.000	0.497

Notes:

NA - Not Applicable.

(1) All metal that is not recycled as scrap or released as fume leaves the Facility contained in final product.

(2) Refer to Table 1 for details.

Table 7
Summary of Reasons for Change - NPRI
Martinrea
Ridgetown, Ontario

Compounds	CAS No.	2016 Off-Site Recycling (tonnes)	2017 Off-Site Recycling (tonnes)	Percent Change	Description
NPRI					
Manganese	7439-96-5	181.325	176.938	-2.4%	No significant change
Zinc	7440-66-6	163.042	10.926	-93.3%	Decrease in raw materials containing substance
Chromium	7440-47-3	87.608	82.663	-5.6%	Decrease in raw materials containing substance
Copper	7440-50-8	NA	14.914	NA	Not reportable in 2016
Compounds	CAS No.	2016 Air Releases (tonnes)	2017 Air Releases (tonnes)	Percent Change	Description
NPRI CAC					
PM10	NA - M09	NA	0.839	-	Not reportable in 2016
PM2.5	NA - M10	NA	0.497	-	Not reportable in 2016
NPRI					
Manganese	7439-96-5	0.018	0.028	61.9%	Increase in raw materials containing substance
Zinc	7440-66-6	0.060	0.170	183.8%	Increase in raw materials containing substance
Chromium	7440-47-3	0.0002	0.0005	114.0%	Increase in raw materials containing substance
Copper	7440-50-8	NA	0.424	NA	Not reportable in 2016

Note:

NA - Not Applicable.

Table 8
Summary of Reasons for Change - TRA
Martinrea
Ridgetown, Ontario

Compounds	CAS No.	2016 Created (tonnes)	2017 Created (tonnes)	Percent Change	Description
TRA					
Manganese	7439-96-5	0.000	0.000	NA	NA
Zinc	7440-66-6	0.000	0.000	NA	NA
Chromium	7440-47-3	0.000	0.000	NA	NA
Copper	7440-50-8	NA	0.000	NA	Not reportable in 2016
PM10	NA - M09	NA	0.839	-	Not reportable in 2016
PM2.5	NA - M10	NA	0.497	-	Not reportable in 2016
Compounds					
Compounds	CAS No.	2016 Contained in Product (tonnes)	2017 Contained in Product (tonnes)	Percent Change	Description
TRA					
Manganese	7439-96-5	287.424	272.525	-5.2%	No significant change
Zinc	7440-66-6	259.547	21.034	-91.9%	Decrease in raw materials containing substance
Chromium	7440-47-3	138.663	126.999	-8.4%	Decrease in raw materials containing substance
Copper	7440-50-8	NA	33.510	NA	Not reportable in 2016
PM10	NA - M09	NA	0.000	-	Not reportable in 2016
PM2.5	NA - M10	NA	0.000	-	Not reportable in 2016
Compounds					
Compounds	CAS No.	2016 Used (tonnes)	2017 Used (tonnes)	Percent Change	Description
TRA					
Manganese	7439-96-5	468.766	449.492	-4.1%	No significant change
Zinc	7440-66-6	422.649	32.129	-92.4%	Decrease in raw materials containing substance
Chromium	7440-47-3	226.271	209.662	-7.3%	Decrease in raw materials containing substance
Copper	7440-50-8	NA	48.848	NA	Not reportable in 2016
PM10	NA - M09	NA	0.000	-	Not reportable in 2016
PM2.5	NA - M10	NA	0.000	-	Not reportable in 2016

Note:

NA - Not Applicable.

Table 9

**Section "A" Administrative Information
Martinrea
Ridgetown, Ontario**

A1.0	Reporting Year, NPRI ID, Language and Web Site Address	
A1.1	NPRI ID	4891
A1.2	Language	English
A1.4	Web Site Address	
A1.5	Dun and Bradstreet (D-U-N-S) Number	246844211
A1.6	Business Number	873222475
A2.0	Facility Identification and Site Address	
A2.1	Company Name	Martinrea Metallic, Ridgetown Division
A2.2	Facility Name	
A2.3	Street Address	99 Golf Course Drive
A2.4	(Street Address 2)	PO Box 1090
A2.5	City/District	Ridgetown
A2.6	Province or Territory Code	Ontario
A2.7	Postal Code	N0P 2C0
A2.12	MOE ID	
A3.0	Identification of Parent Companies	
P1.0	Federal Business Number	840066161
P1.1	% Ownership	100%
P1.2	Parent Company Name	Martinrea International Inc.
P1.3	Address	30 Aviva Park Drive
P1.4	(Address)	
P1.5	City/District	Vaughan
P1.6	Province/Territory	Ontario
P1.7	Postal Code	L4L 9C7
P1.8	State	
P1.9	ZIP Code	
P1.10	Country	Canada
A4.0	Facility Public Contact	
A4.1	Title (Mr./Ms./etc)	Mr.
A4.2	First Name	Don
A4.3	Last Name	Gillier
A4.4	Position	General Manager
A4.5	Phone	519-674-0711
A4.6	Phone Extension	
A4.7	Fax	519-674-0500
A4.8	e-mail address	don.gillier@martinrea.com
A5.0	Facility Public Contact Address	
A5.1	Company Name	See Above
A5.2	Facility Name	
A5.3	Mailing Address	
A5.4	(Mailing Address)	
A5.5	City/District	
A5.6	Province/Territory	
A5.7	Postal Code	
A5.8	State	
A5.9	ZIP Code	
A5.10	Country	

Table 9

**Section "A" Administrative Information
Martinrea
Ridgetown, Ontario**

A6.0	Facility Technical Contact	
A6.1	Title (Mr./Ms./etc)	Same as above
A6.2	First Name	
A6.3	Last Name	
A6.4	Position	
A6.5	Phone	
A6.6	Phone Extension	
A6.7	Fax	
A6.8	e-mail address	
A7.0	Facility Technical Contact Address	
A7.1	Company Name	See Above
A7.2	Facility Name	
A7.3	Mailing Address	
A7.4	(Mailing Address)	
A7.5	City/District	
A7.6	Province/Territory	
A7.7	Postal Code	
A7.8	State	
A7.9	ZIP Code	
A7.10	Country	
A8.0	Company Coordinator	
A8.1	Title (Mr./Ms./etc)	NA
A8.2	First Name	
A8.3	Last Name	
A8.4	Position	
A8.5	Phone	
A8.6	Phone Extension	
A8.7	Fax	
A8.8	e-mail address	
A9.0	Company Coordinator Address	
A9.1	Company Name	NA
A9.2	Facility Name	
A9.3	Mailing Address	
A9.4	(Mailing Address)	
A9.5	City/District	
A9.6	Province/Territory	
A9.7	Postal Code	
A9.8	State	
A9.9	ZIP Code	
A9.10	Country	
A10.0	Industrial Classification Codes	
A10.1	Two-digit Canadian SIC Code	30
A10.2	Four-digit Canadian SIC Code	3049
A10.3	Four-digit U.S. SIC Code	3499
A10.4	Two-digit NAICS Code	31-33
A10.5	Four-digit NAICS Code	3361
A10.6	Six-digit NAICS Canada Code	336110

Table 9

**Section "A" Administrative Information
Martinrea
Ridgetown, Ontario**

A11.0 Full-time Employees

= total worker hours per year/2,000 hrs per worker

A11.1	Number of (Eq.) Full-time Employees	260
A11.2	Activities to Which the 20 000 hr	NA
	Employee Threshold does not Apply	

A12.0 Activities Relevant to the Reporting of Dioxins/Furans and HCB

A12.1	Facility Used for Wood Preservation (PCP)	N
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A13.0 Activities Relevant to the Reporting of PAH

A13.1	Facility Used for Wood Preservation (creosote)	N
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A14.0 Other Environmental Regulations or Permits (optional)

A14.1	Other Environmental Reporting/Permits	NA
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A15.0 Comments

A15.1	Comments (Facility)	
A15.2	Comments (Pollution Prevention)	

A16.0 Company Official Certifying this Submission

A16.1	Title (Mr./Ms./etc)	Mr
A16.2	First Name	Don
A16.3	Last Name	Gillier
A16.4	Position	G.M
A16.5	Phone	519 674 0711
A16.6	Phone Extension	
A16.7	Fax	519 674 0500
A16.8	e-mail address	don.gillier@martinrea.com

A17.0 Company Official Address

A17.1	Company Name	See Above
A17.2	Facility Name	
A17.3	Mailing Address	
A17.4	(Mailing Address)	
A17.5	City/District	
A17.6	Province/Territory	
A17.7	Postal Code	
A17.8	State	
A17.9	ZIP Code	
A17.10	Country	

A19.0 Facility Latitude and Longitude

A19.1	Facility Latitude (decimal degrees)	NA
A19.2	Facility Longitude (decimal degrees)	NA

Table 9

**Section "A" Administrative Information
Martinrea
Ridgetown, Ontario**

A21.0 Independent Contractor

A21.1	Title/First Name	Erik
A21.3	Last Name	Martinez
A21.4	Position	Environmental Consultant
A21.5	Telephone	519-884-0510
A21.7	Facsimile No.	
A21.8	Email Address	erik.martinez@ghd.com

A25.0 Criteria Air Contaminants (CACs)

A25.1	Required to report for one or more CACs?	Y
T1.0	Facility Operating Schedule (Temporal Variation)	
T1.1	Days of Operation	days per week (M, T, W, T, F)
T1.2 a)	Hours of Operation	16
T1.2 b)	Average daily start time	5
T1.3	Shut down longer than one week?	N
T1.4	Date/time of shutdown longer than one week	
T1.5	Comments (Shutdown periods) (optional)	

A26.0 Pollution Prevention

A26.1	Pollution Prevention Plans	NA
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Attachment A

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)

Don Gillier

Report Submitted by

Don Gillier

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 01/06/2018, I, Don Gillier, 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 - 06

Copper (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

Don Gillier

Report Submitted by

Don Gillier

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
2017	01/06/2018	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.



National Pollutant Release Inventory (NPRI) and Partners



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- Ec.gc.ca

SWIM > 2017 > Martinrea Fabco Metallic Canada Inc. > Ridgetown Division (Update 1) > Report Preview

Report Preview

Report Details

Report Year	2017
Report Type:	NPRI,ON MOE TRA
Report Status:	Update 1 - Submitted
Modified Date/Time:	01/06/2018 2:12 PM
Report Update Comments:	Updating Certifying Official

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: 42.4278 Longitude: -81.8806 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, Certifying Official, Highest Ranking Employee

Name:

Don Gillier

Position:

General Manager

Telephone:

5196740711

Email:

don.gillier@martinrea.com

Contact Type

Person who prepared the report

Name:

Andrea Buchenauer

Position:

Consultant

Telephone:

5193404098

Email:

andrea.buchenauer@ghd.com

Mailing Address:

Address Line 1:
City, Province/Territory, Postal Code: None
Country: None

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 Hexachlorobenzene:

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

Operating Schedule - Days of the Week:

Mon, Tue, Wed, Thu, Fri

Usual Number of Operating Hours per day:

24

Usual Daily Start Time (24h) (hh:mm):

5:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 04	Chromium (and its compounds)	0.0003	N/A	N/A	82.6630	tonnes
NA - 06	Copper (and its compounds)	0.2510	N/A	N/A	14.9140	tonnes
NA - 09	Manganese (and its compounds)	0.0070	N/A	N/A	176.9380	tonnes
NA - 14	Zinc (and its compounds)	0.1070	N/A	N/A	10.9260	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

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 - 06	Copper (and its compounds)	Yes	Yes		Yes
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 - 06	Copper (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 - 06	Copper (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 - 06	Copper (and its compounds)		As a formulation component	
NA - 09	Manganese (and its compounds)	For on-site use/processing		
NA - 14	Zinc (and its compounds)		As a formulation component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 04	Chromium (and its compounds)	Use	209.663 tonnes	Yes
NA - 04	Chromium (and its compounds)	Creation	0 tonnes	Yes
NA - 04	Chromium (and its compounds)	Contained in Product	127.000 tonnes	Yes
NA - 06	Copper (and its compounds)	Use	48.220 tonnes	Yes
NA - 06	Copper (and its compounds)	Creation	0 tonnes	Yes
NA - 06	Copper (and its compounds)	Contained in Product	33.056 tonnes	Yes
NA - 09	Manganese (and its compounds)	Use	449.492 tonnes	Yes
NA - 09	Manganese (and its compounds)	Creation	0 tonnes	Yes
NA - 09	Manganese (and its compounds)	Contained in Product	272.547 tonnes	Yes
NA - 14	Zinc (and its compounds)	Use	32.129 tonnes	Yes
NA - 14	Zinc (and its compounds)	Creation	0 tonnes	Yes
NA - 14	Zinc (and its compounds)	Contained in Product	21.097 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	Description of how an incident(s) affected quantifications	Significant Process Change
NA - 04	Chromium (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	Description of how an incident(s) affected quantifications	Significant Process Change
NA - 06	Copper (and its compounds)					No
NA - 09	Manganese (and its compounds)					No
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		0.0003 tonnes
NA - 06	Copper (and its compounds)	Total Quantity Released	E2 - Published Emission Factors		0.251 tonnes
NA - 09	Manganese (and its compounds)	Total Quantity Released	E2 - Published Emission Factors		0.007 tonnes
NA - 14	Zinc (and its compounds)	Total Quantity Released	E2 - Published Emission Factors		0.107 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
NA - 04	Chromium (and its compounds)	25	25	25	25
NA - 06	Copper (and its compounds)	25	25	25	25
NA - 09	Manganese (and its compounds)	25	25	25	25
NA - 14	Zinc (and its compounds)	25	25	25	25

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

CAS RN	Substance Name	Reasons for Changes in Quantities from Previous Year	Comments
NA - 04	Chromium (and its compounds)	Changes in production levels	
NA - 06	Copper (and its compounds)	Not applicable (first year reporting this 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 from Previous Year	Comments
NA - 04	Chromium (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 06	Copper (and its compounds)		Not applicable (first year reporting this substance)	
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		82.663 tonnes
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		14.914 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		176.938 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		10.926 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 04	Chromium (and its compounds)	82.663 tonnes
NA - 06	Copper (and its compounds)	14.914 tonnes
NA - 09	Manganese (and its compounds)	176.938 tonnes
NA - 14	Zinc (and its compounds)	10.926 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	82.663 tonnes

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	K & K Recycling Services	134 Orchard Rd., Ajax, ON, Canada	14.914 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	K & K Recycling Services	134 Orchard Rd., Ajax, ON, Canada	176.938 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	K & K Recycling Services	134 Orchard Rd., Ajax, ON, Canada	10.926 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 - 06	Copper (and its compounds)	Unusable parts or discards	Not applicable (first year reporting this substance)	
NA - 09	Manganese (and its compounds)	Unusable parts or discards	No significant change (i.e. < 10%) or no change	
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)	209.663 tonnes	226.271 tonnes	2016	-16.608	-7.34
NA - 04	Chromium (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 04	Chromium (and its compounds)	No	Contained in Product	127.000 tonnes	138.663 tonnes	2016	-11.663	-8.41
NA - 09	Manganese (and its compounds)	No	Enters the facility (Use)	449.492 tonnes	468.766 tonnes	2016	-19.274	-4.11
NA - 09	Manganese (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 09	Manganese (and its compounds)	No	Contained in Product	272.547 tonnes	287.424 tonnes	2016	-14.877	-5.18
NA - 14	Zinc (and its compounds)	No	Enters the facility (Use)	32.129 tonnes	422.649 tonnes	2016	-390.520	-92.40
NA - 14	Zinc (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 14	Zinc (and its compounds)	No	Contained in Product	21.097 tonnes	259.547 tonnes	2016	-238.450	-91.87

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)	No reasons - quantities approximately the same	
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	0 tonnes	2016	0	
NA - 04	Chromium (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - 04	Chromium (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
NA - 04	Chromium (and its compounds)	No	Total Releases to All Media	0.0003 tonnes	0.0002 tonnes	2016	0.0001	50.0
NA - 09	Manganese (and its compounds)	No	Total Releases to Air	0 tonnes	0 tonnes	2016	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to All Media	0.007 tonnes	0.018 tonnes	2016	-0.011	-61.11

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 14	Zinc (and its compounds)	No	Total Releases to Air	0 tonnes	0 tonnes	2016	0	
NA - 14	Zinc (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - 14	Zinc (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
NA - 14	Zinc (and its compounds)	No	Total Releases to All Media	0.107 tonnes	0.060 tonnes	2016	0.047	78.33

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)	Increase in production levels	
NA - 09	Manganese (and its compounds)	Change in quantification methodology	
NA - 14	Zinc (and its compounds)	Other	Increase in raw materials containing 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	82.663 tonnes	87.608 tonnes	2016	-4.945	-5.64
NA - 09	Manganese (and its compounds)	No	Total off-site Transfers for Recycling	176.938 tonnes	181.325 tonnes	2016	-4.387	-2.42
NA - 14	Zinc (and its compounds)	No	Total off-site Transfers for Recycling	10.926 tonnes	163.042 tonnes	2016	-152.116	-93.30

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)	No reasons - quantities approximately the same	
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 - Use 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 - Creation Targets

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

CAS RN	Substance Name	Quantity	Years	Description of 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.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
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)

Don Gillier

Report Submitted by

Don Gillier

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 01/06/2018, I, Don Gillier, 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 - 06	Copper (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

Don Gillier

Report Submitted by

Don Gillier

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
2017	01/06/2018	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.

Version: 3.14.0



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