



National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2015
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	04/05/2016 10:27 AM

Company and Facility Details

Company Name:	Warren Industries Ltd.
Business Number:	132759945
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 401 Spinnaker Way City, Province/Territory, Postal Code: Concord Ontario L4K4N4 Country: Canada
Facility Name:	Warren Closure Systems
NAICS Code:	336370
NPRI ID:	25135
Physical Address:	Address Line 1: 129 Fernstaff Court City, Province/Territory, Postal Code: Concord Ontario L4K 3M1 Country: Canada Latitude: 43.82533 Longitude: -79.47978 UTM Zone: 17 UTM Easting: 622239 UTM Northing: 485396

Contacts Details

Contact Type	Technical Contact, Contractor Contact, Person who prepared the report
Name:	Mark Cotter
Position:	Principal
Telephone:	4164718774
Email:	mcotter@cotterassociates.ca
Independent contractor/consultant company name:	Cotter Associates Ltd.
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 1214 Saginaw Crescent City, Province/Territory, Postal Code: Mississauga Ontario L5H3W6 Country: Canada
Contact Type	Certifying Official, Highest Ranking Employee

Name:	Vince Aldorasi
Position:	General Manager
Telephone:	9056691260
Fax:	9056691707
Email:	valdorasi@warren-grp.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 401 Spinnaker Way City, Province/Territory, Postal Code: Concord Ontario L4K4N4 Country: Canada
Contact Type	Company Coordinator, Person who coordinated the preparation of the Toxics Reduction Plan, Public Contact
Name:	Danny Garcia
Position:	QMS Specialist
Telephone:	9056691260
Fax:	9056691707
Email:	dgarcia@warren-grp.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 401 Spinnaker Way City, Province/Territory, Postal Code: Concord Ontario L4K4N4 Country: Canada

General Information

Number of employees:	124
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting of 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):	Yes
Is the facility controlled by another Canadian company or companies:	No
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)	N/A	N/A	N/A	10.1320	tonnes
NA - 09	Manganese (and its compounds)	0.0003	N/A	N/A	15.1990	tonnes
NA - 11	Nickel (and its compounds)	N/A	N/A	N/A	13.8170	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 - 11	Nickel (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)	No	No	No
NA - 09	Manganese (and its compounds)	Yes	No	No
NA - 11	Nickel (and its compounds)	No	No	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 - 11	Nickel (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)		As a formulation component	
NA - 09	Manganese (and its compounds)		As a formulation component	
NA - 11	Nickel (and its compounds)		As a formulation component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
NA - 04	Chromium (and its compounds)	Use	17.174 tonnes	Yes
NA - 04	Chromium (and its compounds)	Creation	0.0 tonnes	No
NA - 04	Chromium (and its compounds)	Contained	7.042 tonnes	Yes
NA - 09	Manganese (and its compounds)	Use	22.726 tonnes	Yes
NA - 09	Manganese (and its compounds)	Creation	0.0 tonnes	No
NA - 09	Manganese (and its compounds)	Contained	7.528 tonnes	Yes
NA - 11	Nickel (and its compounds)	Use	27.478 tonnes	Yes
NA - 11	Nickel (and its compounds)	Creation	0.0 tonnes	Yes
NA - 11	Nickel (and its compounds)	Contained	13.661 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
NA - 11	Nickel (and its compounds)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 09	Manganese (and its compounds)	Fugitive Releases	O - Engineering Estimates		0.0003 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - 09	Manganese (and its compounds)	0.0003 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
NA - 09	Manganese (and its compounds)	0.0003 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
NA - 09	Manganese (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 Disposed from Previous Year	Comments (Disposals)
NA - 04	Chromium (and its compounds)	No significant change (i.e. < 10%) or no change	Substance was NOT RELEASED. There is no option for NOT APPLICABLE here. Previous field was marked as NO for releases but this field still pops up for completion. The programming logic needs to be fixed.
NA - 09	Manganese (and its compounds)	No significant change (i.e. < 10%) or no change	
NA - 11	Nickel (and its compounds)	No significant change (i.e. < 10%) or no change	Substance was NOT RELEASED on-site. There is no option for NOT APPLICABLE here. Previous field was marked as NO for releases but this field still pops up for completion. The programming logic needs to be fixed.

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	Substance was NOT DISPOSED. There is no option for NOT APPLICABLE here. Previous field was marked as NO for disposal but this field still pops up for completion. The programming logic needs to be fixed.
NA - 09	Manganese (and its compounds)		No significant change (i.e. < 10%) or no change	Substance was NOT DISPOSED. There is no option for NOT APPLICABLE here. Previous field was marked as NO for disposal but this field still pops up for completion. The programming logic needs to be fixed.
NA - 11	Nickel (and its compounds)		No significant change (i.e. < 10%) or no change	Substance was NOT DISPOSED. There is no option for NOT APPLICABLE here. Previous field was marked as NO for disposal but this field still pops up for completion. The programming logic needs to be fixed.

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	C - Mass Balance		10.132 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		15.199 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		13.817 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 04	Chromium (and its compounds)	10.132 tonnes
NA - 09	Manganese (and its compounds)	15.199 tonnes
NA - 11	Nickel (and its compounds)	13.817 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	Gerdau Ameristeel	Hopkins St. S., Whitby, ON, Canada	
NA - 04	Chromium (and its compounds)	Recovery of Metals and Metal Compounds	AIM Ontario	75 Windermere Road, Hamilton, ON, Canada	10.132 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	Gerdau Ameristeel	Hopkins St. S., Whitby, ON, Canada	
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	Gerdau Ameristeel	Hopkins St. S., Whitby, ON, Canada	
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	AIM Ontario	75 Windermere Road, Hamilton, ON, Canada	15.199 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	Gerdau Ameristeel	Hopkins St. S., Whitby, ON, Canada	
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	AIM Ontario	75 Windermere Road, Hamilton, ON, Canada	13.817 tonnes

Recycling - Off-site Transfers for Recycling - Dioxins and Furans Breakdown List By Facility

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)	Production Residues Unusable parts or discards	Changes in production levels	
NA - 09	Manganese (and its compounds)	Production Residues Unusable parts or discards	Other (specify in recycling comments field)	variation in production mix and recycling
NA - 11	Nickel (and its compounds)	Production Residues Unusable parts or discards	Changes in production levels	

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)	17.174 tonnes	18.031 tonnes	2014	-0.857	-4.75
NA - 04	Chromium (and its compounds)	No	Creation	0.0 tonnes	0.0 tonnes	2014	0.0	
NA - 04	Chromium (and its compounds)	No	Contained	7.042 tonnes	14.792 tonnes	2014	-7.750	-52.39
NA - 09	Manganese (and its compounds)	No	Enters the facility (Use)	22.726 tonnes	23.881 tonnes	2014	-1.155	-4.84
NA - 09	Manganese (and its compounds)	No	Creation	0.0 tonnes	0.0 tonnes	2014	0.0	
NA - 09	Manganese (and its compounds)	No	Contained	7.528 tonnes	19.022 tonnes	2014	-11.494	-60.42
NA - 11	Nickel (and its compounds)	No	Enters the facility (Use)	27.478 tonnes	28.850 tonnes	2014	-1.372	-4.76
NA - 11	Nickel (and its compounds)	No	Creation	0.0 tonnes	0.0 tonnes	2014	0.0	
NA - 11	Nickel (and its compounds)	No	Contained	13.661 tonnes	24.433 tonnes	2014	-10.772	-44.09

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	production variations in product mix and scrap generation
NA - 09	Manganese (and its compounds)	Other	variation in production mix and recycling
NA - 11	Nickel (and its compounds)	Other	variations in production mix and recycling

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 - 09	Manganese (and its compounds)	No	Total Releases to Air	0.0003 tonnes	0.0004 tonnes	2014	-0.0001	-25.00
NA - 09	Manganese (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2014	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2014	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to All Media	0 tonnes	0 tonnes	2013	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 09	Manganese (and its compounds)	No reasons - quantities approximately the same	

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	10.132 tonnes	3.239 tonnes	2014	6.893	212.81
NA - 09	Manganese (and its compounds)	No	Total off-site Transfers for Recycling	15.199 tonnes	4.859 tonnes	2014	10.340	212.80
NA - 11	Nickel (and its compounds)	No	Total off-site Transfers for Recycling	13.817 tonnes	4.407 tonnes	2014	9.410	213.52

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	production variations in product mix and amounts recycled
NA - 09	Manganese (and its compounds)	Other	variation in production mix and recycling
NA - 11	Nickel (and its compounds)	Other	variation in production mix and recycling

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)	none
NA - 09	Manganese (and its compounds)	none
NA - 11	Nickel (and its compounds)	none

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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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 - 11	Nickel (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

Warren Industries Ltd.

Certifying Official (or authorized delegate)

Vince Aldorasi

Report Submitted by

Vince Aldorasi

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 04/05/2016, I, Vince Aldorasi, 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 - 11	Nickel (and its compounds)

Company Name

Warren Industries Ltd.

Highest Ranking Employee

Vince Aldorasi

Report Submitted by

Vince Aldorasi

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
2015	04/05/2016	Warren Closure Systems	Ontario	Concord	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: 3.10.0

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