

National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2019
Report Type:	NPRI,ON MECP TRA
Report Status:	Submitted
Modified Date/Time:	2020-07-30 9:18 PM

Company and Facility Details

Company Name:	CertainTeed Insulation Canada
Business Number:	241041672
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 3985 Belgreen Drive City: Ottawa Province/Territory: Ontario Postal Code: K1G 3N2 Country: Canada
Facility Name:	CertainTeed Insulation Canada
NAICS Code:	325220
NPRI ID:	1857
Portable:	No
Physical Address:	Address Line 1: 3985 Belgreen Drive West City: Ottawa Province/Territory: Ontario Postal Code: K1G 3N2 Country: Canada Latitude: 45.3808 Longitude: -75.5964 UTM Zone: 18 UTM Easting: 453158 UTM Northing: 5025460

Permits

Number or Permit Number:	5287-75NPBA
Government Department, Agency, or Program Name:	Environmental Compliance Approval, Air & Noise
Number or Permit Number:	4321-9FUPNL
Government Department, Agency, or Program Name:	Environmental Compliance Approvals, Industrial Sewage

Contact Type	Technical Contact
Name:	John Polnick
Position:	EHS Specialist
Telephone:	6137361215
Extension	5236
Fax:	6137361150
Email:	john.polnick@saint-gobain.com

Contact Type	Certifying Official, Highest Ranking Employee
Name:	Frederic Gimeno
Position:	Plant Manager
Telephone:	6137386203
Email:	Frederic.Gimeno@saint-gobain.com

Contact Type	Person who prepared the report
Name:	Jen Francis
Position:	Environmental Consultant
Telephone:	5193404287
Email:	jen.francis@ghd.com

General Information

Number of employees:	145
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
Does this facility release less than the reporting threshold for each Part 4 substance AND have one or more light or medium crude oil batteries with a total oil throughput for the battery components of the facility of $\geq 1,900$ m ³ per year?	No
Did the facility operate one or more electricity generation units that had a capacity of 25 MW or more and that distributed or sold to the grid 33% or more of its potential electrical output in the calendar year?	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:	No
Did the facility report under other environmental regulations or permits?	Yes
Does this facility solely consist of compression equipment in the oil and gas extraction sector?	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 16	Ammonia (total)	0.232000	N/A	N/A	N/A	tonnes
NA - 09	Manganese (and its compounds)	0.070000	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.278000	N/A	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MECP TRA	First report for this substance to the ON MECP TRA
NA - 16	Ammonia (total)	No	No	No
NA - 09	Manganese (and its compounds)	No	No	No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	No	No

TRA Exit Record

CAS RN	Substance Name	Circumstance(s) that apply	Describe the circumstances that lead to the criteria no longer being met	Describe the information and any quantifications relied upon for making the determination
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The substance did not meet the criteria to provide information to NPRI	The facility is below the reporting threshold	The facility is below the reporting threshold

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 - 16	Ammonia (total)	Yes	Yes	No
NA - 09	Manganese (and its compounds)	Yes	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 - 16	Ammonia (total)	No	No	No
NA - 09	Manganese (and its compounds)	No	No	No

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - 16	Ammonia (total)		As a formulation component	
NA - 09	Manganese (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 - 16	Ammonia (total)	Use	19.781 tonnes	Yes
NA - 16	Ammonia (total)	Creation	0 tonnes	No
NA - 16	Ammonia (total)	Contained in Product	0.929 tonnes	Yes
NA - 09	Manganese (and its compounds)	Use	23.794 tonnes	Yes
NA - 09	Manganese (and its compounds)	Creation	0 tonnes	No
NA - 09	Manganese (and its compounds)	Contained in Product	23.724 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	Reason for the significant process change
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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	Reason for the significant process change
	compounds)						

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 09	Manganese (and its compounds)	Stack or Point Releases	C - Mass Balance		0.070 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	E2 - Published Emission Factors		0.278 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - 09	Manganese (and its compounds)	0.070 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.278 tonnes

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 16	Ammonia (total)	Total Quantity Released	O - Engineering Estimates		0.232 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
NA - 09	Manganese (and its compounds)	0.070 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
NA - 16	Ammonia (total)	25	25	25	25
NA - 09	Manganese (and its compounds)	25	25	25	25

On-site Releases - Monthly Breakdown of Annual Releases

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34

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 - 09	Manganese (and its compounds)	No significant change (i.e. <10% or no change)	
NA - 16	Ammonia (total)	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No significant change (i.e. <10% or no change)	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
NA - 09	Manganese (and its compounds)		No significant change (i.e. <10% or no change)	Not disposed.
NA - 16	Ammonia (total)		No significant change (i.e. <10% or no change)	No disposals.

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 09	Manganese (and its compounds)		No significant change (i.e. <10% or no change)	Not recycled.

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 - 16	Ammonia (total)	No	Enters the facility (Use)	19.781 tonnes	21.51 tonnes	2018	-1.729	-8.04
NA - 16	Ammonia (total)	No	Creation	0 tonnes	0 tonnes	2018	0	
NA - 16	Ammonia (total)	No	Contained in Product	0.929 tonnes	0.950 tonnes	2018	-0.021	-2.21
NA - 09	Manganese (and its compounds)	No	Enters the facility (Use)	23.794 tonnes	23.438 tonnes	2018	0.356	1.52
NA - 09	Manganese (and its compounds)	No	Creation	0 tonnes	0 tonnes	2018	0	
NA - 09	Manganese (and its compounds)	No	Contained in Product	23.724 tonnes	23.361 tonnes	2018	0.363	1.55

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 16	Ammonia (total)	No reasons - quantities approximately the same	
NA - 09	Manganese (and its compounds)	No reasons - quantities approximately the same	

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 - 16	Ammonia (total)	No	Total Releases to Air	0 tonnes	0 tonnes	2018	0	
NA - 16	Ammonia (total)	No	Total Releases to Water	0 tonnes	0 tonnes	2018	0	
NA - 16	Ammonia (total)	No	Total Releases to Land	0 tonnes	0 tonnes	2018	0	
NA - 16	Ammonia (total)	No	Total Releases to All Media	0.232 tonnes	0.2374 tonnes	2018	-0.0054	-2.27
NA - 09	Manganese (and its compounds)	No	Total Releases to Air	0.070 tonnes	0.077 tonnes	2018	-0.007	-9.09
NA - 09	Manganese (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2018	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2018	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to All Media	0 tonnes	0 tonnes	2018	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 16	Ammonia (total)	No reasons - quantities approximately the same	
NA - 09	Manganese (and its compounds)	No reasons - quantities approximately the same	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

Yes

a) Please check all that apply

Plan was prepared or implemented on a voluntary basis.

b) Did the facility update their plan in the current reporting year?

No

c) Does the plan address substances, energy conservation, or water conservation?

Substances (provide the name of the primary Substances in the comments field below)

Please summarize your pollution prevention plan. If you selected "Substances", please specify the substances that were addressed in your plan (this information will be publicly available).

N/A

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 - 16	Ammonia (total)	CertainTeed Insulation Canada prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. We will strive to reduce the use of Ammonia at the facility. No options have been identified, and as part of the continuous improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the use of Ammonia at the facility.
NA - 09	Manganese (and its compounds)	The facility intends to study keep track of industry standards and explore new available methods of toxic reduction.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 16	Ammonia (total)	No quantity target	No timeline target	
NA - 09	Manganese (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 - 16	Ammonia (total)	No quantity target	No timeline target	
NA - 09	Manganese (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 - 16	Ammonia (total)	No		
NA - 09	Manganese (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 - 16	Ammonia (total)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 16	Ammonia (total)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 16	Ammonia (total)	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 - 16	Ammonia (total)	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 - 16	Ammonia (total)	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 - 16	Ammonia (total)	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 - 16	Ammonia (total)	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 - 16	Ammonia (total)	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 - 16	Ammonia (total)	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.	

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

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 - 16	Ammonia (total)	No		
NA - 09	Manganese (and its compounds)	No		

Feedback

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

CertainTeed Insulation Canada

Certifying Official (or authorized delegate)

Frederic Gimeno

Report Submitted by

Frederic Gimeno

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 MECP TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 2020-07-30, I, Frederic Gimeno, 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 - 16

Ammonia (total)

NA - 09

Manganese (and its compounds)

Exit Record Certification Statement

As of 2020-07-30, I Frederic Gimeno, certify that I have read the records created for the purposes of section 11.2 of Ontario Regulation 455/09 (General) made under the Toxics Reductions Act, (2009) in respect of the use and creation of the toxic substances referred to below at CertainTeed Insulation Canada and am familiar with their contents and to my knowledge they are factually accurate.

TRA Exit Record Substances

CAS RN

Substance Name

NA - M10

PM2.5 - Particulate Matter <= 2.5 Microns

Company Name

Report Submitted by

Frederic Gimeno

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
2019	2020-07-30	CertainTeed Insulation Canada	Ontario	Ottawa	NPRI,ON MECP 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: 3.16.3



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