

National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2020
Report Type:	NPRI,ON MECP TRA
Report Status:	Ready to Submit
Modified Date/Time:	2021-08-10 10:45 AM

Company and Facility Details

Company Name:	H&S Heat Treating
Business Number:	823667647
Mailing Address:	Delivery Mode: PostOfficeBox PO Box: 160 Address Line 1: 133 South Street North City: Port Robinson Province/Territory: Ontario Postal Code: L0S 1K0 Country: Canada
Facility Name:	PORT ROBINSON
NAICS Code:	332810
NPRI ID:	4531
Portable:	No
Physical Address:	Address Line 1: 133 South Street North City: Port Robinson Province/Territory: Ontario Postal Code: L0S 1K0 Country: Canada Land Survey Description: ON - Ontario Latitude: 43.0461 Longitude: -79.2093 UTM Zone: 17 UTM Easting: 645850 UTM Northing: 4767490

Contacts Details

Contact Type	Technical Contact, Certifying Official
Name:	Wendy Bowen
Position:	Controller
Telephone:	9053849355
Extension	226
Email:	WendyBowen@hsheat.com

Contact Type: Highest Ranking Employee

Name: Remo Assini

Position: President - IMT Precision

Telephone: 9053849355

Email: rassini@imtcorporation.com

Contact Type: Person who prepared the report

Name: Raghda Said

Position: NPRI Coordinator

Telephone: 4164675555

Email: rsaid@altech-group.com

Mailing Address: Address Line 1: 789 Don Mills Rd
City: Toronto
Province/Territory: Ontario
Postal Code: M3C 1T9
Country: Canada

General Information

Number of employees: 40

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

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 $\geq 1,900$ m³ 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

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): Yes

Was the facility shut down for more than one week during the year: No

Operating Schedule - Days of the Week: Mon, Tue, Wed, Thu, Fri, Sat, Sun

Usual Number of Operating Hours per day: 24

Usual Daily Start Time (24h) (hh:mm): 00:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
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CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - M09	PM10 - Particulate Matter <= 10 Microns	0.534000	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.358000	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 - M09	PM10 - Particulate Matter <= 10 Microns	Yes	Yes	No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Yes	Yes	No

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	0.534 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Contained in Product		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Use	0 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Creation	0.358 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		

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
NA - M09	PM10 - Particulate Matter <= 10 Microns					No	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns					No	

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	O - Engineering Estimates		0.534 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	O - Engineering Estimates		0.358 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - M09	PM10 - Particulate Matter <= 10 Microns	0.534 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.358 tonnes

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 - M09	PM10 - Particulate Matter <= 10 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
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 - M09	PM10 - Particulate Matter <= 10 Microns	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Decrease 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 - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2019	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	0.534 tonnes	0.917 tonnes	2019	-0.383	-41.77
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2019	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	0.358 tonnes	0.503 tonnes	2019	-0.145	-28.83

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - M09	PM10 - Particulate Matter <= 10 Microns	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Decrease in production levels	

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 - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	0.534 tonnes	0.917 tonnes	2019	-0.383	-41.77
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2019	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2019	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2017	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Air	0.358 tonnes	0.503 tonnes	2019	-0.145	-28.83
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2019	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2019	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2017	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - M09	PM10 - Particulate Matter <= 10 Microns	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Decrease in production levels	

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

If no, please select all applicable reasons from the list below:

Activities were implemented in a previous year; additional activities are either unnecessary or unfeasible at this time

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - M09	PM10 - Particulate Matter <= 10 Microns	This Toxic Reduction Plan will guide H&S in investigating methods to reduce the unit amount of PM10 generated and released during the production process and from ancillary processes.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	This Toxic Reduction Plan will guide H&S in investigating methods to reduce the unit amount of PM2.5 generated and released during the production process and from ancillary processes.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - M09	PM10 - Particulate Matter <= 10 Microns	No quantity target	No timeline target	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - M09	PM10 - Particulate Matter <= 10 Microns	0.05 tonnes	2	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.03 tonnes	2	

Progress on TRA Plan - Toxic Reduction Options Implemented

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	No actions were taken in 2020.	No actions were taken in 2020.	No actions were taken in 2020.	No actions were taken in 2020.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	No actions were taken in 2020.	No actions were taken in 2020.	No actions were taken in 2020.	No actions were taken in 2020.

CAS RN	Substance Name	Activity	Will the timelines in the current version of the plan will be met	Comments:
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	Yes	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	Yes	

Progress on TRA Plan - Reductions due to Options Implemented - Good operator practice or training

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	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 steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	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 steps described:	No Amount
NA - M09	PM10 - Particulate Matter <= 10 Microns	Training related to toxics substance reduction	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	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 steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	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 steps described:	No Amount
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Training related to toxics substance reduction	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount

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 - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	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 - M09	PM10 - Particulate Matter <= 10 Microns	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 - M09	PM10 - Particulate Matter <= 10 Microns	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 - M09	PM10 - Particulate Matter <= 10 Microns	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 - M09	PM10 - Particulate Matter <= 10 Microns	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 - M09	PM10 - Particulate Matter <= 10 Microns	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 - M09	PM10 - Particulate Matter <= 10 Microns	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 - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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 - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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 - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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 - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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 - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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 - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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 - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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 - M09	PM10 - Particulate Matter <= 10 Microns	No		
	PM2.5 -			

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 - M10	Particulate Matter <= 2.5 Microns	No		

Feedback

Version: 3.18.7

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