

Plan Summary Preview

Company Details

Company Legal Name

H&S Heat Treating

Company Address

133 South Street North, Port Robinson (Ontario)

Report Details

NPRI ID

4531

Facility Name

PORT ROBINSON

Facility Address

133 South Street North, Port Robinson (Ontario)

Update Comments

Activities

Contacts

Select the Facility Contacts

Facility Contacts

Please assign the appropriate contact under each category below.

Public Contact: *

Tony Valeriote

Highest Ranking Employee

Tony Valeriote

Person responsible for Toxic Substance Reduction Plan preparation

Michael Laplante

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name: *

Company Trade Name: *

Business Number: *

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

Physical Address

Address Line 1

City

Province/Territory **

Postal Code **

Additional Information

Land Survey Description

National Topographical Description

Parent Companies

IMT Nitrex GP Inc.

Company Legal Name: *

Percentage owned: *

Business Number: **

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

Country *

Physical Address

Address Line 1

City

Province/Territory **

Postal Code **

Country

Additional Information

Land Survey Description

National Topographical Description

Facility Validation

The information in this section was copied from the Single Window Information Manager (SWIM) at the time the plan summary was created. Please verify the information and update it where required. Please note that any changes made here will only be reflected in this plan summary. To ensure updates reflected in future

reports, please ensure the information is updated in SWIM. After making updates in SWIM, return here and click the "Refresh" button to trigger a reload of the SWIM information. Please note all previously entered data will be modified.

Facility Information

Facility Name: *	<input type="text" value="PORT ROBINSON"/>
NAICS Code: *	<input type="text" value="332999"/>
NPRI Id: *	<input type="text" value="0000004531"/>
ON Reg 127/01 Id	<input type="text"/>

Facility Mailing Address

Delivery Mode	<input type="text"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="133 South Street North"/>
City *	<input type="text" value="Port Robinson"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="L0S1K0"/>

Physical Address

Address Line 1	<input type="text" value="133 South Street North"/>
City	<input type="text" value="Port Robinson"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code **	<input type="text" value="L0S1K0"/>
Additional Information	<input type="text"/>
Land Survey Description	<input type="text"/>
National Topographical Description	<input type="text"/>

Geographical Address

Latitude **	<input type="text" value="43.04610"/>
Longitude **	<input type="text" value="-79.20930"/>
UTM Zone **	<input type="text" value="17"/>
UTM Easting **	<input type="text" value="645850"/>
UTM Northing **	<input type="text" value="4767490"/>

Contact Validation

The information in this section was copied from the Single Window Information Manager (SWIM) at the time the plan summary was created. Please verify the information and update it where required. Please note that any changes made here will only be reflected in this plan summary. To ensure updates reflected in future reports, please ensure the information is updated in SWIM. After making updates in SWIM, return here and click the "Refresh" button to trigger a reload of the SWIM information. Please note all previously entered data will be modified.

Contacts

Public Contact

First Name: *	<input type="text" value="Tony"/>
Last Name: *	<input type="text" value="Valeriotte"/>
Position: *	<input type="text" value="General Manager"/>
Telephone: *	<input type="text" value="9053849355"/>
Ext	<input type="text"/>
Fax	<input type="text" value="9053849110"/>
Email: *	<input type="text" value="tonyvaleriotte@hsheat.com"/>

Mailing Address

Delivery Mode	<input type="text"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>

Address Line 1

133 South Street North

City *

Port Robinson

Province/Territory **

Ontario

Postal Code: **

I0S1K0

Highest Ranking Employee

First Name: *

Tony

Last Name: *

Valeriotte

Position: *

General Manager

Telephone: *

9053849355

Ext

Fax

9053849110

Email: *

tonyvaleriotte@hsheat.com

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

133 South Street North

City *

Port Robinson

Province/Territory **

Ontario

Postal Code: **

I0S1K0

Person responsible for the Toxic Substance Reduction Plan preparation

First Name: *

Michael

Last Name: *

Laplante

Position: *	<input type="text" value="Senior Project Engineer"/>
Telephone: *	<input type="text" value="4164675555"/>
Ext	<input type="text" value="231"/>
Fax	<input type="text" value="4164679824"/>
Email: *	<input type="text" value="mlaplante@altech-group.com"/>

Mailing Address

Delivery Mode	<input type="text"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="12 Banigan Drive"/>
City *	<input type="text" value="Toronto"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="M4H1E9"/>

Employees

Employees

Number of Full-time Employees: *

Copy of Certifications of Plan

Copy of Certifications of Plan

Upload Document

A copy of the certification statement(s) from the Highest Ranking Employee and the Licensed Planner(s), for the Toxic Substance Reduction Plan for which the Plan Summary is being submitted are required. Please upload a single document containing all certifications.

Do not upload any certification statements that are dated after December 31. If this applies, click "?" (Help) for more information.

Comments

Website address where the Plan Summary is posted for the public

File Name

Date

4991 H&S signed Plan Certfkt.pdf

19/12/2013 1:52:18 PM

Plan Summary Submission

Electronic Submission

Company Name

H&S Heat Treating

Facility Name

PORT ROBINSON

Report Submitted By (authorized delegate)

Michael Laplante

I, the authorized delegate, acknowledge that by pressing the "Continue" button, I am electronically submitting the facility TRA Plan Summary for the identified facility.

Substances

NA - 16, Ammonia (total)

NA - 16, Ammonia (total)

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

Yes

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: **

H&S Heat Treating intends to investigate methods to reduce the unit amount of ammonia used to produce carbonitrided parts consistent with product quality.

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

Substance is not created at this facility

Objectives, Targets and Description

Objectives

Objectives in plan: *

This Toxic Reduction Plan will guide H&S in investigating methods to reduce the unit amount of ammonia used to produce carbonitrided parts in the production process. As this compound is presently a key component of the production process, its elimination is not a viable option.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target		Quantity		Unit
<input type="checkbox"/>	or	<input type="text" value="0.65"/>		<input type="text" value="tonnes"/>

What is the targeted timeframe for this reduction? *

No timeline target		years
<input type="checkbox"/>	or	<input type="text" value="2"/>

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the

facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

As a reactant

Summarize why the toxic substance is used at the facility: **

Ammonia dissociates in heat treating furnaces to contribute nitrogen to steel parts

Reasons for Creation

Why is the toxic substance created at the facility?: *

This substance is not created at the facility

Summarize why the toxic substance is created at the facility: **

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

No, we are implementing

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option. Explanation of the reasons why no option will be implemented: **

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Training related to toxics substance reduction

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?: *

Training related to toxics substance reduction

Describe the option: *

Provide routine Best Operating Practice and Pollution Prevention training / updates for employees

Estimates

N/A	tonnes	%
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Estimate of the amount by which the **use** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input type="checkbox"/>	0.65	5
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Estimate of the amount by which the **creation** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the toxic substance **contained in the product** leaving the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the total releases to air of the toxic substance at the facility will be reduced as a result of implementing the option:

Estimate of the amount by which the total releases to water of the toxic substance at the facility will be reduced as a result of implementing the option:

Estimate of the amount by which the total releases to land of the toxic substance at the facility will be reduced as a result of implementing the option:

Estimate of the amount by which the disposals on-site (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:

Estimate of the amount by which the disposals off-site of the toxic substance at the facility will be reduced as a result on implementing this option:

Estimate of the amount by which total recycling off-site of the toxic substance at the facility will be reduced as a result on implementing this option:

Timelines

N/A **years**

Anticipated timelines for achieving the estimated reduction of the use of the toxic substance:

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use

and creation of the toxic substance at the facility that are outside of the plan

None at present

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0035

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0035

What version of the plan is this summary based on?: *

New Plan

NA - M09, PM10 - Particulate Matter <= 10 Microns

NA - M09, PM10 - Particulate Matter <= 10 Microns

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

Substance is not used in any processes at the site

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

Yes

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: **

H&S intends to investigate methods to reduce the amount of PM10 generated and released at the site.

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the

facility: **

Objectives, Targets and Description

Objectives

Objectives in plan: *

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.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

Summarize why the toxic substance is used at the facility: **

Reasons for Creation

Why is the toxic substance created at the facility?: *

Summarize why the toxic substance is created at the facility: **

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option.
Explanation of the reasons why no option will be implemented: **

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Training related to toxics substance reduction

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?: *

Training related to toxics substance reduction

Describe the option: *

Provide routine Best Operating Practice and Pollution Prevention training / updates for employees

Estimates

N/A	tonnes	%
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Estimate of the amount by which the **use** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the **creation** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input type="checkbox"/>	0.05	5
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Estimate of the amount by which the toxic substance **contained in the product** leaving the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the total **releases to air** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the total **releases to water** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the total **releases to land** of the toxic substance at the facility will be reduced as a result of implementing the option:

Estimate of the amount by which the **disposals on-site** (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:

Estimate of the amount by which the **disposals off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:

Estimate of the amount by which total **recycling off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:

Timelines

N/A **years**

Anticipated timelines for achieving the estimated reduction of the **use** of the toxic substance:

Anticipated timelines for achieving the estimated reduction of the **creation** of the toxic substance:

Rationale for why the listed options were chosen for implementation

Closer control of operations can reduce generation of substance.

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

None at present

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0035

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0035

What version of the plan is this summary based on?: *

New Plan

NA - M10, PM2.5 - Particulate Matter <= 2.5 Microns

NA - M10, PM2.5 - Particulate Matter <= 2.5 Microns

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: **

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

Substance is not used at the facility

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

Yes

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: **

H&S intends to investigate methods to reduce the amount of PM2.5 generated and released at the site.

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

Objectives, Targets and Description

Objectives

Objectives in plan: *

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.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target

Quantity

Unit

or

What is the targeted timeframe for this reduction? *

No timeline target

years

or

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

Summarize why the toxic substance is used at the facility: **

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

Substance is generated from diffuse sources such as combustion, cooling tower, welding and oil quench

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

No, we are implementing

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option.
Explanation of the reasons why no option will be implemented: **

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Training related to toxics substance reduction

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?: *

Training related to toxics substance reduction

Describe the option: *

Provide routine Best Operating Practice and Pollution Prevention training / updates for employees

Estimates

N/A	tonnes	%
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Estimate of the amount by which the **use** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the **creation** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input type="checkbox"/>	0.03	5
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Estimate of the amount by which the toxic substance **contained in the product** leaving the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the total **releases to air** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

Estimate of the amount by which the total **releases to water** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the total **releases to land** of the toxic substance at the facility will be reduced as a result of implementing the option:

<input checked="" type="checkbox"/>		
-------------------------------------	--	--

Estimate of the amount by which the **disposals on-site** (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which the **disposals off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:

<input checked="" type="checkbox"/>		
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Estimate of the amount by which total **recycling off-site** of the toxic substance at the

facility will be reduced as a result on implementing this option:

Timelines

N/A **years**

Anticipated timelines for achieving the estimated reduction of the use of the toxic substance:

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

Rationale for why the listed options were chosen for implementation

Closer control of operations can reduce generation of substance

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

None at present

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0035

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

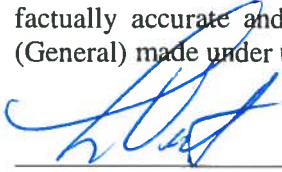
TSRP0035

What version of the plan is this summary based on?: *

New Plan

PLAN CERTIFICATION

As of December 18, 2013, I, Tony Valeriotte, certify that I have read the toxic substance reduction plans for the substances listed below and am familiar with its contents, and to my knowledge, the plans are factually accurate and comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.



Tony Valeriotte
General Manager
H&S Heat Treating
(Highest Ranking Employee)

December 18, 2013
Date

Ammonia
Particulate matter less than 2.5 microns
Particulate matter less than 10 microns

As of December 18, 2013, I, Michael Laplante, certify that I am familiar with the processes at H&S Heat Treating that use or create the substances listed above, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plans dated December 18, 2013 and that the plans comply with the Act and Ontario Regulation 455/09 (General) made under that Act.



Michael Laplante
Toxic Substance Reduction Planner (Licence Number TSRP0037
Altech Environmental Consulting Ltd.

December 18, 2013
Date

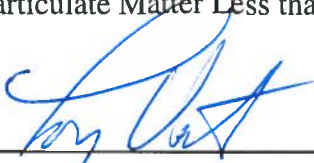
Copy of Certification:

As of December 19, 2013, I, Tony Valeriote, certify that I have read the report on the toxic substance reduction plan for the toxic substances referred to below and am familiar with its contents, and to my knowledge, the information contained in the report is factually accurate and the report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Ammonia

Particulate Matter Less than 2.5 microns (PM2.5)

Particulate Matter Less than 10 microns (PM10)



Tony Valeriote
General Manager
H&S Heat Treating
(Highest Ranking Employee)

December 18, 2013

Date