



National Pollutant Release Inventory (NPRI) and Partners



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* indicates a required field, ** indicates a conditionally required field

Plan Summary Preview

Company Details

Company Legal Name

Vacuum Metallizing Ltd.

Company Address

30 Dovedale Court, Scarborough (Ontario)

Report Details

NPRI ID

7102

Facility Name

Andrew Sugar

Facility Address

30 Dovedale Court, Scarborough (Ontario)

Update Comments

Activities

Contacts

Select the Facility Contacts

Facility Contacts

Please assign the appropriate contact under each category below.

Public Contact: *

Jeffrey Sugar

Highest Ranking Employee

Jeffrey Sugar

Person responsible for Toxic Substance Reduction Plan preparation

Jeffrey Sugar

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name: *

Vacuum Metallizing Ltd.

Company Trade Name: *

Vacuum Metallizing Limited

Business Number: *

105468771

Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

30 Dovedale Court

City *

Scarborough

Province/Territory **

Ontario

Postal Code: **

M1S 5A7

Physical Address

Address Line 1

30 Dovedale Court

City

Scarborough

Province/Territory **

Ontario

Postal Code **

M1S 5A7

Additional Information

Land Survey Description

National Topographical Description

Parent Companies

Empty

Facility Validation

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Facility Information

Facility Name: *

Andrew Sugar

NAICS Code: *

332810

NPRI Id: *

7102

ON Reg 127/01 Id

179901

Facility Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

30 Dovedale Court

City *

Scarborough

Province/Territory **

Ontario

Postal Code: **

M1S 5A7

Physical Address

Address Line 1

30 Dovedale Court

City

Scarborough

Province/Territory **

Ontario

Postal Code **

M1S5A7

Additional Information

Land Survey Description

National Topographical Description

NPRI Facility Location

Latitude (decimal degrees) *

43.79580

Longitude (decimal degrees) *

-79.24590

UTM Zone

UTM Easting

UTM Northing

Contact Validation

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Contacts

Public Contact

First Name: *

Jeffrey

Last Name: *

Sugar

Position: *

President

Telephone: *

4167543377

Ext

115

Fax

4167548077

Email: *

jsugar@vacuummetallizing.ca

Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

30 Dovedale Court

City *

Scarborough

Province/Territory **

Ontario

Postal Code: **

M1S5A7

Highest Ranking Employee

First Name: *

Jeffrey

Last Name: *

Sugar

Position: *

President

Telephone: *

4167543377

Ext

115

Fax

4167548077

Email: *

jsugar@vacuummetallizing.ca

Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

30 Dovedale Court

Scarborough

Ontario

M1S5A7

Person responsible for the Toxic Substance Reduction Plan preparation

First Name: *

Jeffrey

Last Name: *

Sugar

Position: *

President

Telephone: *

4167543377

Ext

115

Fax

4167548077

Email: *

jsugar@vacuummetallizing.ca

Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

30 Dovedale Court

City *

Scarborough

Province/Territory **

Ontario

Postal Code: **

M1S5A7

Employees

Employees

Number of Full-time Employees: *

22

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

https://vacuummetallizing.wixsite.com/tsrp

File Name *

2015 Certification Statements.pdf

Date *

12/07/2018 3:01:29 PM

Plan Summary Submission

Electronic Submission

Company Name

Facility Name

Andrew Sugar

Report Submitted By (authorized delegate)

Jeffrey Sugar

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

108-88-3, Toluene

108-88-3, Toluene

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: **

Vacuum Metallizing Limited has implemented (i) "Recapture, recycle offsite and re-use solvents used to rinse spray guns and paint lines" and Option (j) "Recapture and reuse solvents used to rinse guns and paint lines" from the Master Document. The company doe snot plan to implement any of the other identified options at this time because none was found to be both technically and economically feasible for reasons presented in the Master Document. New spray equipment will be evaluated and the prices of replacement solvents will continue to be monitored in pursuit of additional opportunities for toxic substance reduction.

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: **

Vacuum Metallizing Limited does not create this substance on site.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Reduce the use of toxic substances at the facility.

Use Targets

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

No quantity target	Quantity	Unit
<input checked="" type="checkbox"/>	or	

What is the targeted timeframe for this reduction? *

No timeline target	years
<input checked="" type="checkbox"/>	or

Description of targets

No quantitative or timetable targets have been specified for reducing the use of Toluene at this time.

Creation Targets

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

No quantity target	or	Quantity	Unit
<input checked="" type="checkbox"/>			

What is the targeted timeframe for this reduction? *

No timeline target	or	years
<input checked="" type="checkbox"/>		

Description of Target

Toluene is not created at the facility.

Reasons for Use

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

As a manufacturing aid

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

Toluene is used a paint solvent.

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: **

N/A

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?: *

Yes, we are not 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 select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

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

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Safer alternatives were investigated, however, deemed unfeasible

Explanation of the reasons why no option will be implemented

Toluene is necessary to thin paints for adequate production. Low VOC and other substitutes were investigated but no alternatives proved to be both technically and economically feasible.

Rationale for why the listed options were chosen for implementation

N/A

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

Paint and chemical alternatives are constantly assessed in attempt to reduce the amount of toxic output. However, the facility must maintain a balance of cost and effectiveness with each substance. As a result, most substances used by the facility remain the same and without effective substitution.

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

TSRP0252

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

Kaleem Muhammad

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

TSRP0252

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

Kaleem Muhammad

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

Amended Plan

67-56-1, Methanol

67-56-1, Methanol

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: **

Vacuum Metallizing Limited has implemented (i) "Recapture, recycle offsite and re-use solvents used to rinse spray guns and paint lines" and Option (j) "Recapture and reuse solvents used to rinse guns and paint lines" from the Master Document. The company doe snot plan to implement any of the other identified options at this time because none was found to be both technically and economically feasible for reasons presented in the Master Document. New spray equipment will be evaluated and the prices of replacement solvents will continue to be monitored in pursuit of additional opportunities for toxic substance reduction.

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: **

The Facility does not create Methanol

Objectives, Targets and Description

Objectives

Objectives in plan: *

Vacuum Metallizing Limited will continue to seek additional opportunities for reducing the use of VOC solvents by monitoring the cost of a non-VOC replacement for methanol and investing in new spray equipment. Any additional opportunity that is determined will be identified in a future TSP update.

Use Targets

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

No quantity target		Quantity	Unit
<input checked="" type="checkbox"/>	or	<input type="text"/>	<input type="text"/>

What is the targeted timeframe for this reduction? *

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

Description of targets

Creation Targets

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

No quantity target		Quantity	Unit
<input checked="" type="checkbox"/>	or	<input type="text"/>	<input type="text"/>

What is the targeted timeframe for this reduction? *

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

Description of Target

Reasons for Use

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

As a manufacturing aid

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

Methanol is used as a paint solvent.

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?: *

Yes, we are not 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 select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

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

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Safer alternatives were investigated, however, deemed unfeasible

Explanation of the reasons why no option will be implemented

No low VOC options were identified that are both technically and economically feasible.

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

Paint and chemical alternatives are constantly assessed in attempt to reduce the amount of toxic output. However, the facility must maintain balance of cost and effectiveness with each substance. As a result, most substances used by the facility remain the same and without effective solutions.

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

TSRP0252

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

Kaleem Muhammad

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

TSRP0252

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

Kaleem Muhammad

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

Amended Plan

NA - 31, Heptane (all isomers)

NA - 31, Heptane (all isomers)

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: **

Vacuum Metallizing Ltd. does not plan to implement any of the identified options to reduce the usage of heptane at the facility because no option was found to be both technically and economically feasible at the present time for reasons presented in the Master Document.

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: **

The Facility does not create this substance

Objectives, Targets and Description

Objectives

Objectives in plan: *

Reduce the Use of Heptane at the facility

Use Targets

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

No quantity target	or	Quantity	Unit
<input checked="" type="checkbox"/>			

What is the targeted timeframe for this reduction? *

No timeline target	or	years
<input checked="" type="checkbox"/>		

Description of targets

No quantitative or timeline targets have been specified for reducing heptane

Creation Targets

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

No quantity target	or	Quantity	Unit
<input checked="" type="checkbox"/>			

What is the targeted timeframe for this reduction? *

No timeline target	or	years
<input checked="" type="checkbox"/>		

Description of Target

No quantitative or timeline targets have been specified for reducing heptane creation

Reasons for Use

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

As a formulation component

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

In 2015, all heptane used at the facility was purchased from suppliers in drums and used as a thinner in paint formulations. No Heptane arrived at the facility in purchased paint.

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?: *

Yes, we are not 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 select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

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

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Safer alternatives were investigated, however, deemed unfeasible

Explanation of the reasons why no option will be implemented

No option was found to be both economically and technically feasible at the time.

Rationale for why the listed options were chosen for implementation

Low VOC paints and low volume guns can provide a reduction in toxic outputs, however, these options either increase the cost of production or decrease the quality of finish product, thereby deeming them unfeasible at this time.

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

N/A

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

TSRP0252

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

Kaleem Muhammad

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

TSRP0252

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

Kaleem Muhammad

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

Amended Plan

Version: 3.14.0



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