

# Plan Summary Preview

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## Company Details

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Company Legal Name

Martinrea International

Company Address

## Report Details

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NPRI ID

11259

Facility Name

Hydroform Solutions Inc.

Facility Address

1995, (Ontario)

Update Comments

## Activities

---

## Contacts

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Select the Facility Contacts

### Facility Contacts

---

Please assign the appropriate contact under each category below.

Public Contact: \*

Sharon Ballantyne

Highest Ranking Employee

Anoop Singh

Person responsible for Toxic Substance Reduction Plan preparation

## Organization Validation

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## Company and Parent Company Information

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### 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

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#### Martinrea International Inc. (Alfield Industries Ltd.)

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Company Legal Name: \*

Percentage owned: \*

100.00

Business Number: \*\*

840066161

## Mailing Address

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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

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Facility Name: *	<input type="text" value="Hydroform Solutions Inc."/>
NAICS Code: *	<input type="text" value="336110"/>
NPRI Id: *	<input type="text" value="0000011259"/>
ON Reg 127/01 Id	<input type="text" value="10631"/>

## Facility Mailing Address

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Delivery Mode	<input type="text"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text"/>
City *	<input type="text"/>
Province/Territory **	<input type="text"/>
Postal Code: **	<input type="text"/>

## Physical Address

---

Address Line 1	<input type="text"/>
City	<input type="text"/>
Province/Territory **	<input type="text"/>
Postal Code **	<input type="text"/>
Additional Information	<input type="text"/>
Land Survey Description	<input type="text"/>
National Topographical Description	<input type="text"/>

## Geographical Address

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Latitude **	<input type="text"/>
Longitude **	<input type="text"/>
UTM Zone **	<input type="text"/>
UTM Easting **	<input type="text"/>
UTM Northing **	<input type="text"/>

## 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

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### Public Contact

---

First Name: *	<input type="text"/>
Last Name: *	<input type="text"/>
Position: *	<input type="text"/>
Telephone: *	<input type="text"/>
Ext	<input type="text"/>
Fax	<input type="text"/>
Email: *	<input type="text"/>

### Mailing Address

---

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

Address Line 1

City \*

Province/Territory \*\*

Postal Code: \*\*

## Highest Ranking Employee

---

First Name: \*

Last Name: \*

Position: \*

Telephone: \*

Ext

Fax

Email: \*

## Mailing Address

---

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City \*

Province/Territory \*\*

Postal Code: \*\*

## Employees

---

### Employees

---

Number of Full-time Employees: \*

## Copy of Certifications of Plan

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Copy of Certifications of Plan

## Upload Document

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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**

signed certifications for submission.pdf

27/12/2012 4:00:03 PM

## Plan Summary Submission

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### Electronic Submission

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Company Name

Martinrea International

Facility Name

Hydroform Solutions Inc.

Report Submitted By (authorized delegate)

Sharon Ballantyne

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

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7440-62-2, Vanadium (and its compounds)

7440-62-2, Vanadium (and its compounds)

## Substances Section Data

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## 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: \*\*

Hydroform Solutions, a Division of Martinrea International Inc. is committed to playing a leadership role in protecting the environment. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are alloyed constituents to the steels which are produced at the facility. It is not possible to reduce the use of these materials, and still continue to manufacture safe automotive vehicles. We will continue to use these in full compliance with all Federal and Provincial regulations.

## 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 not created at facility

## Objectives, Targets and Description

### Objectives

Objectives in plan: \*

Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.

### Use Targets

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

No quantity

Quantity

Unit



**target**

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?: \*

As an article component

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

The toxic substance is an elemental metal that make up the composition of the raw steel materials used to produce automotive part products according to customer specifications.

**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?: \*

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

Empty

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

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

TSRP0089

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

TSRP0089

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

New Plan

## NA - 04, Chromium (and its compounds)

NA - 04, Chromium (and its compounds)

### 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: \*\*

Hydroform Solutions, a Division of Martinrea International Inc. is committed to playing a leadership role in protecting the environment. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are alloyed constituents to the steels which are produced at the facility. It is not possible to reduce the use of these materials, and still continue to manufacture safe automotive vehicles. We will continue to use these in full compliance with all Federal and Provincial regulations.

#### 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 not created at facility.

## Objectives, Targets and Description

### Objectives

Objectives in plan: \*

Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.

### Use Targets

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

<b>No quantity target</b>	<b>Quantity</b>	<b>Unit</b>
<input checked="" type="checkbox"/>	or	<div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <input style="width: 45%; height: 20px; border: 1px solid #ccc;" type="text"/> <input style="width: 45%; height: 20px; border: 1px solid #ccc;" type="text"/> </div>

What is the targeted timeframe for this reduction? \*

<b>No timeline target</b>		<b>years</b>
<input checked="" type="checkbox"/>	or	<input style="width: 90%; height: 20px; border: 1px solid #ccc;" type="text"/>

Description of targets

### Creation Targets

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

<b>No quantity target</b>	<b>Quantity</b>	<b>Unit</b>
<input checked="" type="checkbox"/>	or	<div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <input style="width: 45%; height: 20px; border: 1px solid #ccc;" type="text"/> <input style="width: 45%; height: 20px; border: 1px solid #ccc;" type="text"/> </div>

What is the targeted timeframe for this reduction? \*

<b>No timeline target</b>		<b>years</b>
<input checked="" type="checkbox"/>	or	<input style="width: 90%; height: 20px; border: 1px solid #ccc;" type="text"/>

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

Empty

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

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

TSRP0089

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

TSRP0089

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

New Plan

## NA - 05, Cobalt (and its compounds)

NA - 05, Cobalt (and its compounds)

## 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: \*\*

Hydroform Solutions, a Division of Martinrea International Inc. is committed to playing a leadership role in protecting the environment. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are alloyed constituents to the steels which are produced at the facility. It is not possible to reduce the use of these materials, and still continue to manufacture safe automotive vehicles. We will continue to use these in full compliance with all Federal and Provincial regulations.

## 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 not created at facility.

## Objectives, Targets and Description

### Objectives

Objectives in plan: \*

Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.

### 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?: \*

As an article component

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

The toxic substance is an elemental metal that make up the composition of the raw steel materials used to produce automotive part products according to customer specifications.

## 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 provide an explanation below why your facility is not implementing an option.  
Explanation of the reasons why no option will be implemented: \*\*

Hydroforms's commitment to continuous improvement, coupled with the acknowledgment that the customer provides the specifications for the raw materials processed at the site mean that there are no additional options for the facility to implement.

**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

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

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

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

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

## NA - 06, Copper (and its compounds)

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NA - 06, Copper (and its compounds)

### Substances Section Data

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#### 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: \*\*

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#### 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 not created at facility.

### Objectives, Targets and Description

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#### Objectives

---

Objectives in plan: \*

Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.

## 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"/>	<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"/>	<input type="text"/>

Description of Target

## Reasons for Use

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

As an article component

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

The toxic substance is an elemental metal that make up the composition of the raw steel materials used to produce automotive part products according to customer specifications.

## 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: \*\*

substance not created at 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 provide an explanation below why your facility is not implementing an option. Explanation of the reasons why no option will be implemented: \*\*

Hydroforms's commitment to continuous improvement, coupled with the acknowledgment that the customer provides the specifications for the raw materials processed at the site mean that there are no additional options for the facility to implement.

### 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

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Empty

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

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

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

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

## NA - 09, Manganese (and its compounds)

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NA - 09, Manganese (and its compounds)

### 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?: \*

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: \*\*

## 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 not created at facility.

## Objectives, Targets and Description

### Objectives

Objectives in plan: \*

Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.

### 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?: \*

As an article component

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

The toxic substance is an elemental metal that make up the composition of the raw steel materials used to produce automotive part products according to customer specifications.

## 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 provide an explanation below why your facility is not implementing an option.  
Explanation of the reasons why no option will be implemented: \*\*

Hydroforms's commitment to continuous improvement, coupled with the acknowledgment that the customer provides the specifications for the raw materials processed at the site mean that there are no additional options for the facility to implement.

**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

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

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

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

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

**NA - 11, Nickel (and its compounds)**

NA - 11, Nickel (and its compounds)



## 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: \*\*

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#### 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 facility.

## Objectives, Targets and Description

---

### Objectives

---

Objectives in plan: \*

Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.

## 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?: \*

As an article component

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

The toxic substance is an elemental metals that make up the composition of the raw steel materials used to produce automotive part products according to customer specifications.

## 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 provide an explanation below why your facility is not implementing an option.  
Explanation of the reasons why no option will be implemented: \*\*

Hydroforms's commitment to continuous improvement, coupled with the acknowledgment that the customer provides the specifications for the raw materials processed at the site mean that there are no additional options for the facility to implement.

### Materials or feedstock substitution

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Empty

### Product design or reformulation

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Empty

### Equipment or process modifications

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Empty

### Spill or leak prevention

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Empty

### On-site reuse, recycling or recovery

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Empty

### Improved inventory management or purchasing techniques

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Empty

### Good operator practice or training

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Empty

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

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

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

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