

Plan Summary Preview

Company Details

Company Legal Name

Toyota Boshoku Canada Inc.

Company Address

45 Southfield Drive, Elmira (Ontario)

Report Details

NPRI ID

11773

Facility Name

Toyota Boshoku Canada

Facility Address

230 Universal Road, Woodstock (Ontario)

Update Comments

Activities

Contacts

Select the Facility Contacts

Facility Contacts

Please assign the appropriate contact under each category below.

Public Contact: *

Jason Dittburner

Highest Ranking Employee

Norimichi Adachi

Person responsible for Toxic Substance Reduction Plan preparation

Lloyd Hipel

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name: *

Company Trade Name: *

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

Empty

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="Toyota Boshoku Canada"/>
NAICS Code: *	<input type="text" value="332999"/>
NPRI Id: *	<input type="text" value="0000011773"/>
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="230 Universal Road"/>
City *	<input type="text" value="Woodstock"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="N4S 7W3"/>

Physical Address

Address Line 1	<input type="text" value="230 Universal Road"/>
City	<input type="text" value="Woodstock"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code **	<input type="text" value="N4S7W3"/>
Additional Information	<input type="text"/>

Land Survey Description

National Topographical Description

Geographical Address

Latitude **

Longitude **

UTM Zone **

UTM Easting **

UTM Northing **

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: *

Last Name: *

Position: *

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

Highest Ranking Employee

First Name: *

Last Name: *

Position: *

Mailing Address

Delivery Mode

PO Box

Rural Route Number

Address Line 1

City *

Province/Territory **

Postal Code: **

Person responsible for the Toxic Substance Reduction Plan preparation

First Name: *

Lloyd

Last Name: *

Hipel

Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

1 Union Street

City *

Elmira

Province/Territory **

Ontario

Postal Code: **

N3B 3J9

Employees

Employees

Number of Full-time Employees: *

515

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

Signed Certification.pdf	19/12/2013 11:09:11 AM
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Plan Summary Submission

Electronic Submission

Company Name

Facility Name

Report Submitted By (authorized delegate)

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

141-78-6, Ethyl acetate

141-78-6, Ethyl acetate

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: **

Toyota Boshoku Woodstock intends to reduce the use of ethyl acetate through improved inventory techniques, improved operating practices.

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: **

Not created.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Toyota Boshoku Woodstock intends to reduce the use of ethyl acetate through improved inventory techniques, improved operating practices.

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Optimize pick-up tube depth to use more adhesive per drum, thereby reducing the inventory quantity required.

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	0.43	2
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Timelines

N/A

years

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

1

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Track number of cycles per adhesive drum to maximize adhesive usage per drum.

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	1.07	5
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Timelines

N/A **years**

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

1

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Tilt adhesive drum to maximize adhesive use per drum, thereby reducing inventory quantity required.

Estimates

N/A **tonnes** **%**

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:

0.43 2

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:

Good operator practice or training

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Optimization of spray pattern and differential thickness settings.

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	0.43	2
--------------------------	------	---

Timelines

N/A **years**

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

1

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

Rationale for why the listed options were chosen for implementation

Best available options that are currently technically & economically feasible.

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): *

TSRP0211

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

TSRP0211

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

New 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: **

Toyota Boshoku Woodstock intends to reduce the use of methanol through product design, improved inventory techniques, improved operating practices.

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: **

Not created.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Toyota Boshoku Woodstock intends to reduce the use of methanol through product design, improved inventory techniques, improved operating practices.

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 a formulation component

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

Contained in an adhesive used at the facility.

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

Changed product specifications

Which activities will be undertaken to implement these reduction options?

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

Changed product specifications

Describe the option: *

Eliminate adhesive requirement for attaching components.

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	0.14	12
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Timelines

N/A **years**

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

1

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

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Optimize pick-up tube depth to use more adhesive per drum, thereby reducing the inventory quantity required.

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	0.02	2
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Timelines

N/A **years**

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

1

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Track number of cycles per adhesive drum to maximize adhesive usage per drum.

Estimates

N/A **tonnes** **%**

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:

0.05 4

Estimate of the amount by which the **creation** of the toxic substance at the facility will be

Timelines

N/A

years

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

1

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



Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

Estimates

N/A	tonnes	%
-----	--------	---

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:



Timelines

N/A **years**

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

1

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

Good operator practice or training

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Optimization of spray pattern and differential thickness settings.

Estimates

N/A **tonnes** **%**

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:

0.02 2

Timelines

N/A

years

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

1

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



Rationale for why the listed options were chosen for implementation

Best available options that are currently technically & economically feasible.

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): *

TSRP0211

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

TSRP0211

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

New 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?: *

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: **

Toyota Boshoku Woodstock intends to reduce the use of heptane through improved inventory techniques, improved operating practices.

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: **

Not created.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Toyota Boshoku Woodstock intends to reduce the use of heptane through improved inventory techniques, improved operating practices.

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Optimize pick-up tube depth to use more adhesive per drum, thereby reducing the inventory quantity required.

Estimates

N/A **tonnes** **%**

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:

 0.17 2

Timelines

N/A **years**

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

1

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Track number of cycles per adhesive drum to maximize adhesive usage per drum.

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	0.43	5
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Timelines

N/A **years**

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

1

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

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Tilt adhesive drum to maximize adhesive use per drum, thereby reducing inventory quantity required.

Estimates

N/A **tonnes** **%**

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:

0.17 2

Timelines

N/A **years**

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

1

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

Good operator practice or training

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Optimization of spray pattern and differential thickness settings.

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	0.17	2
--------------------------	------	---

Timelines

N/A **years**

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

1

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

Rationale for why the listed options were chosen for implementation

Best available options that are currently technically & economically feasible.

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): *

TSRP0211

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

TSRP0211

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: **

Not used.

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: **

Toyota Boshoku Woodstock intends to reduce the creation of PM10 through product design, equipment modification, and training and improved operating practices.

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: *

Toyota Boshoku Woodstock intends to reduce the use of PM10 through product design, equipment modification, and training and improved operating practices.

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?: *

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

Modified design or composition

Which activities will be undertaken to implement these reduction options?

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

Modified design or composition

Describe the option: *

Reduced weld length to minimum length required.

Estimates

N/A	tonnes	%
-----	--------	---

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
--------------------------	------	---

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:

Equipment or process modifications

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Switch to two-speed fan during periods of low cooling demand to reduce drift from cooling tower.

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	0.19	21
--------------------------	------	----

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:

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

Estimates

N/A **tonnes** **%**

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:

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:

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Automate AMU use (using master key or control system).

Estimates

N/A	tonnes	%
-----	--------	---

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"/>	0.00	0.3
--------------------------	------	-----

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

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?: *

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: **

Not used.

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: **

Toyota Boshoku Woodstock intends to reduce the use of PM2.5 through product design, equipment modification, and training and improved operating practices.

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: *

Toyota Boshoku Woodstock intends to reduce the creation of PM2.5 through product design, equipment modification, and training and improved operating practices.

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: **

Created as a by-product of natural gas combustion, welding, plastic injection moulding, and cooling tower processes.

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

Modified design or composition

Which activities will be undertaken to implement these reduction options?

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

Modified design or composition

Describe the option: *

Reduced weld length to minimum length required.

Estimates

N/A	tonnes	%
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0.04

8

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:

1

Equipment or process modifications

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Switch to two-speed fan during periods of low cooling demand to reduce drift from cooling tower.

Estimates

N/A	tonnes	%
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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:

0.00

0.4

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:

Other

Which activities will be undertaken to implement these reduction options?

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

Describe the option: *

Estimates

N/A **tonnes** **%**

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"/>	0.01	1
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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:

<input type="checkbox"/>	2
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Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Other

Which activities will be undertaken to implement these reduction options?

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

Other

Describe the option: *

Automate AMU use (using master key or control system).

Estimates

N/A	tonnes	%
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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"/>	0.00	1
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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

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

TSRP0211

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

TSRP0211

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

New Plan