

# Plan Summary Preview

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## Company Details

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Company Legal Name:

North American Tillage Tools Co.

Company Address:

460 Sherman Avenue North, Hamilton (Ontario)

## Report Details

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Facility:

NATTCO

Facility Address:

460 Sherman Avenue, Hamilton (Ontario)

Update Comments:

## Activities

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### Facility Contacts

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### Facility Contacts

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Public Contact:\*

Bruce Armstrong

Highest Ranking Employee:

Steve Garrette

Person responsible for preparing the toxic substance reduction plan:

Romeo Palombella

## Organization Validation

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### Company and Parent Company Information

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#### Company Details

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Company Legal Name:\*

North American Tillage Tools Co.

Company Trade Name:\*

North American Tillage Tools Co.

Business Number:\*

## Mailing Address

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Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City\*

Province/Territory\*\*

Postal Code:\*\*

## Physical Address

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Address Line 1

City

Province/Territory

Postal Code

Additional Information

Land Survey Description

National Topographical Description

## Parent Companies

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## Facility Validation

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## Facility Information

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Facility:\*

NAICS Id:\*

NPRI Id:\*

ON Reg 127/01 Id:

## Mailing Address

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Delivery Mode:	General Delivery
PO Box	
Rural Route Number	
Address Line 1	
City*	Hamilton
Province/Territory**	Ontario
Postal Code:**	L8L8J6

## Physical Address

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Address Line 1	460 Sherman Avenue
City	Hamilton
Province/Territory	Ontario
Postal Code	L8L8J6
Additional Information	
Land Survey Description	
National Topographical Description	

## Geographical Address

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Latitude	43.26630
Longitude	-79.82900
UTM Zone**	17
UTM Easting**	479105
UTM Northing**	595033

## Contact Validation

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## Contacts

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### Public Contact:

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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:\*\*

### Highest Ranking Employee:

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First Name:\*

Last Name:\*

Position:\*

Telephone:\*

Ext:

Fax:

9056671075

Email:\*

barmstrong@ingersolltillage.com

### Mailing Address

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Delivery Mode:

General Delivery

PO Box

Rural Route Number

Address Line 1

460 Sherman Avenue North

City\*

Hamilton

Province/Territory\*\*

Ontario

Postal Code:\*\*

L8L 8J6

### Person responsible for the Toxic Substance Reduction Plan preparation:

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First Name:\*

Romeo

Last Name:\*

Palombella

Position:\*

Environmental Consultant

Telephone:\*

9055745899

Ext:

Fax:

9055745899

Email:\*

Romeo@mountaincable.net

### Mailing Address

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Delivery Mode:

General Delivery

PO Box

Rural Route Number

Address Line 1

47 Elmhurst Drive

City\*

Hamilton

Province/Territory\*\*

Ontario

Postal Code:\*\*

L8T1C5

## Employees

### Employees

Number of Full-time Employees:\*

126

## Substances

### 111-76-2, 2-Butoxyethanol

111-76-2, 2-Butoxyethanol

## Substances Section Data

### Statement of Intent

#### Use

Does the plan include a statement that stipulates the owner or operator's intent to use less of this toxic substance at their facility?\*

No

If 'yes', provide the exact statement of intent:\*\*

If 'no', what rationale is specified in the plan for not using less of this substance? \*\*

•NATTCO has already implemented purchasing strategies with its paint supplier for improved control of the paint formulation consistency, to reduce smoking/volatilization in the bake process, which effectively reduces the generation of 2-butoxyethanol emissions.  
•There are no further new viable options available/identifiable at this time, because inventory management and purchasing parameters are economically driven and already optimized to the maximum extent possible in the NATTCO operation.

## Creation

Does the plan include a statement that stipulates the owner or operator's intent to create less of this toxic substance at their facility?\*

No

If 'yes', provide the exact statement of intent:\*\*

If 'no', what rationale is specified in the plan for not creating less of this substance?:\*\*

This substance is not created at the facility

## Objectives, Targets and Description

### Plan Objectives

Objectives in plan:\*

It is NATTCO's corporate environmental policy to comply with all applicable environmental regulations and guidelines to the fullest extent possible, in all areas of its operations, including implementation of best industry practices.  
 NATTCO strives to maximize its waste/emissions reduction and materials recycling initiatives, relative to its overall toxic substance use and creation, while continuing to produce a superior product that is competitive in the global marketplace in terms of cost and performance.  
 This plan will identify and present potential options, and determine the technical feasibility of potentially available toxic substance reduction or elimination measures, to determine which, if any, are viable for implementation at this time.

### Toxic Substance Use Targets

#### Reduction target:\*

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

#### Timeframe target:\*

No target or  years

Description of use targets:

### Toxic Substance Creation Targets

#### Reduction target:\*

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

#### Timeframe target:\*

No target or  years

Description of creation targets:

## Reasons for Using this Toxic Substance

This substance is used at the facility:\*

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

## Reasons for Creating this Toxic Substance

This substance is created at the facility:\*

Summarize why this substance is created at the facility:\*\*

## Toxic Reduction Options for Implementation

### Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?\*

If 'No', record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If 'Yes', explain why no option will be implemented:\*\*

Materials or feedstock substitution

Product design or reformulation

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:



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

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

Which version of the plan is reflected in this summary?\*

## 67-63-0, Isopropyl alcohol

67-63-0, Isopropyl alcohol

## Substances Section Data

## Statement of Intent

### Use

Does the plan include a statement that stipulates the owner or operator's intent to use less of this toxic substance at their facility?\*

If 'yes', provide the exact statement of intent:\*\*

If 'no', what rationale is specified in the plan for not using less of this substance?\*

•NATTCO has already implemented purchasing strategies with its paint supplier for improved control of the paint formulation consistency, to reduce smoking/volatilization in the bake process, which effectively reduces the generation of isopropyl alcohol emissions as well as fine particulate range emissions as well as fine particulate range emissions.

- continuous improvement operating practices to optimize the efficiency of paint product usage, thereby reducing the generation of isopropyl alcohol emissions.
- designed its newly commissioned Line 7 production process to employ electrostatic powder-coating technology, which obviates the use of liquid paint product containing isopropyl alcohol, thereby averting the generation of new isopropyl alcohol emissions for this production stream.
- continuous-improvement operating practices to optimize the efficiency of paint product usage, thereby reducing the generation of 2-butoxyethanol emissions.
- designed its newly commissioned Line 7 production process to employ electrostatic powder-coating technology, which obviates the use of liquid paint containing 2-butoxyethanol, thereby averting the generation of new 2-butoxyethanol emissions for this production stream.

•There are no further new viable options available/identifiable at this time, because inventory management and purchasing parameters are economically driven and already optimized to the maximum extent possible in the NATTCO operation.

## Creation

Does the plan include a statement that stipulates the owner or operator's intent to create less of this toxic

substance at their facility?\*

No

If 'yes', provide the exact statement of intent:\*\*

If 'no', what rationale is specified in the plan for not creating less of this substance?:\*\*

This substance is not created at the facility.

## Objectives, Targets and Description

### Plan Objectives

Objectives in plan:\*

It is NATTCO's corporate environmental policy to comply with all applicable environmental regulations and guidelines to the fullest extent possible, in all areas of its operations, including implementation of best industry practices.  
 NATTCO strives to maximize its waste/emissions reduction and materials recycling initiatives, relative to its overall toxic substance use and creation, while continuing to produce a superior product that is competitive in the global marketplace in terms of cost and performance.  
 This plan will identify and present potential options, and determine the technical feasibility of potentially available toxic substance reduction or elimination measures, to determine which, if any, are viable for implementation at this time.

### Toxic Substance Use Targets

Reduction target:\*

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

Timeframe target:\*

No target or  years

Description of use targets:

### Toxic Substance Creation Targets

Reduction target:\*

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

## Timeframe target:\*

No target

or

years

Description of creation targets:

## Reasons for Using this Toxic Substance

This substance is used at the facility:\*

Ancillary other use

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

This substance is contained in the dip paint used at the facility.

## Reasons for Creating this Toxic Substance

This substance is created at the facility:\*

This substance is not created at the facility

Summarize why this substance is created at the facility:\*\*

## Toxic Reduction Options for Implementation

### Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?\*

Yes

If 'No', record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If 'Yes', explain why no option will be implemented:\*\*

•NATTCO has already implemented purchasing strategies with its paint supplier for improved control of the paint formulation consistency, to reduce smoking/volatilization in the bake process, which effectively reduces the generation of isopropyl alcohol emissions.  
•There are no further new viable options available/identifiable at this time, because inventory management and purchasing parameters are economically driven and already optimized to the maximum extent possible in the NATTCO operation.

### Materials or feedstock substitution

### Product design or reformulation

### Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

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

TSRP0256

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

TSRP0256

Which version of the plan is reflected in this summary?\*

New Plan

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

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

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator's intent to use less of this toxic substance at their facility?\*

No

If 'yes', provide the exact statement of intent:\*\*

If 'no', what rationale is specified in the plan for not using less of this substance?\*\*\*

This substance is created at the facility.

## Creation

Does the plan include a statement that stipulates the owner or operator's intent to create less of this toxic substance at their facility?\*

No

If 'yes', provide the exact statement of intent:\*\*

If 'no', what rationale is specified in the plan for not creating less of this substance?:\*\*

Best control methods are already in use at the facility. Particulate matter creation is not avoidable at the facility. NATTCO has designed its newly commissioned Line 7 production process to employ electric induction heating technology (electromagnetic eddy current), which offsets the use of natural gas fired heat treatment, thereby averting the generation of new emissions of related P)M2.5 and PM10.

## Objectives, Targets and Description

### Plan Objectives

Objectives in plan:\*

It is NATTCO's corporate environmental policy to comply with all applicable environmental regulations and guidelines to the fullest extent possible, in all areas of its operations, including implementation of best industry practices.  
 NATTCO strives to maximize its waste/emissions reduction and materials recycling initiatives, relative to its overall toxic substance use and creation, while continuing to produce a superior product that is competitive in the global marketplace in terms of cost and performance.  
 This plan will identify and present potential options, and determine the technical feasibility of potentially available toxic substance reduction or elimination measures, to determine which, if any, are viable for implementation at this time.

### Toxic Substance Use Targets

Reduction target:\*

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

Timeframe target:\*

No target

or

years

Description of use targets:

### Toxic Substance Creation Targets

### Reduction target:\*

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

### Timeframe target:\*

<input checked="" type="checkbox"/> No target	or		years
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Description of creation targets:

### Reasons for Using this Toxic Substance

This substance is used at the facility:\*

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

### Reasons for Creating this Toxic Substance

This substance is created at the facility:\*

Summarize why this substance is created at the facility:\*\*

### Toxic Reduction Options for Implementation

#### Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?\*

If 'No', record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If 'Yes', explain why no option will be implemented:\*\*

#### Materials or feedstock substitution

#### Product design or reformulation

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

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

TSRP0256

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

TSRP0256

Which version of the plan is reflected in this summary?\*

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**

**Use**

Does the plan include a statement that stipulates the owner or operator's intent to use less of this toxic substance at their facility?\*

No

If 'yes', provide the exact statement of intent:\*\*

If 'no', what rationale is specified in the plan for not using less of this substance?\*\*\*

This substance is not used at the facility.

## Creation

Does the plan include a statement that stipulates the owner or operator's intent to create less of this toxic substance at their facility?\*

No

If 'yes', provide the exact statement of intent:\*\*

If 'no', what rationale is specified in the plan for not creating less of this substance?:\*\*

Best control methods are already in use at the facility. Particulate matter creation is not avoidable at the facility. NATTCO has designed its newly commissioned Line 7 production process to employ electric induction heating technology (electromagnetic eddy current), which offsets the use of natural gas fired heat treatment, thereby averting the generation of new emissions of related PM2.5 and PM10.

## Objectives, Targets and Description

### Plan Objectives

Objectives in plan:\*

It is NATTCO's corporate environmental policy to comply with all applicable environmental regulations and guidelines to the fullest extent possible, in all areas of its operations, including implementation of best industry practices.  
 NATTCO strives to maximize its waste/emissions reduction and materials recycling initiatives, relative to its overall toxic substance use and creation, while continuing to produce a superior product that is competitive in the global marketplace in terms of cost and performance.  
 This plan will identify and present potential options, and determine the technical feasibility of potentially available toxic substance reduction or elimination measures, to determine which, if any, are viable for implementation at this time.

### Toxic Substance Use Targets

Reduction target:\*

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

Timeframe target:\*

No target

or

years

Description of use targets:

### Toxic Substance Creation Targets



### Reduction target:\*

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

### Timeframe target:\*

No target or  years

Description of creation targets:

### Reasons for Using this Toxic Substance

This substance is used at the facility:\*

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

### Reasons for Creating this Toxic Substance

This substance is created at the facility:\*

Summarize why this substance is created at the facility:\*\*

### Toxic Reduction Options for Implementation

#### Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?\*

If 'No', record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If 'Yes', explain why no option will be implemented:\*\*

#### Materials or feedstock substitution

#### Product design or reformulation

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

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

TSRP0256

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

TSRP0256

Which version of the plan is reflected in this summary?\*

New Plan