

# Plan Summary Preview

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## Company Details

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Company Legal Name:

Howmet Georgetown Casting, a div. of Alcoa Ltd.

Company Address:

93 Mountainview Road North, Georgetown (Ontario)

## Report Details

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Facility:

Howmet Georgetown Casting

Facility Address:

93 Mountainview Road North, Georgetown (Ontario)

Update Comments:

## Activities

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## Facility Contacts

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## Facility Contacts

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Public Contact:\*

Bob Hesselink

Highest Ranking Employee:

John Pellegrino

Person responsible for preparing the toxic substance reduction plan:

Tara Weerasuriya

## Organization Validation

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## Company and Parent Company Information

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## Company Details

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Company Legal Name:\*

Howmet Georgetown Casting, a div. of Alcoa Ltd.

Company Trade Name:\*

Alcoa Howmet Georgetown

Business Number:\*

138117494

## Mailing Address

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Delivery Mode:

General Delivery

PO Box

Rural Route Number

Address Line 1

93 Mountainview Road North

City\*

Georgetown

Province/Territory\*\*

Ontario

Postal Code:\*\*

L7G4J6

## Physical Address

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Address Line 1

93 Mountainview Road North

City

Georgetown

Province/Territory

Ontario

Postal Code

L7G4J6

Additional Information

Land Survey Description

National Topographical Description

## Parent Companies

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### Alcoa Ltd.

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Company Legal Name:\*

Alcoa Ltd.

Percentage owned:\*

100.00

Business Number:\*

836064162

## Mailing Address

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Delivery Mode:

General Delivery

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

## Facility Validation

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### Facility Information

---

Facility:\*

NAICS Id:\*

NPRI Id:\*

ON Reg 127/01 Id:

## Mailing Address

---

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

93 Mountainview Road North

City\*

Georgetown

Province/Territory\*\*

Ontario

Postal Code:\*\*

L7G4J6

## Physical Address

---

Address Line 1

93 Mountainview Road North

City

Georgetown

Province/Territory

Ontario

Postal Code

L7G4J6

Additional Information

Land Survey Description

National Topographical Description

## Geographical Address

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Latitude

43.65530

Longitude

-79.90970

UTM Zone\*\*

17

UTM Easting\*\*

587916.34

UTM Northing\*\*

4834159.63

## Contact Validation

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### Contacts

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#### Public Contact:

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First Name:\*

Bob

Last Name:\*

Hesselink

Position:\* Environment and Facilities Manager

Telephone:\* 9058776936

Ext: 2125

Fax: 9058776938

Email:\* bob.hesselink@alcoa.com

## Mailing Address

Delivery Mode: General Delivery

PO Box

Rural Route Number

Address Line 1 93 Mountainview Road North

City\* Georegtown

Province/Territory\*\* Ontario

Postal Code:\*\* L7G4J6

## Highest Ranking Employee:

First Name:\* John

Last Name:\* Pellegrino

Position:\* Director of Canadian Operations

Telephone:\* 14506802591

Ext:

Fax:

Email:\* John.Pellegrino@alcoa.com

## Mailing Address

Delivery Mode:

PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	93 Mountainview Road North
City*	Georgetown
Province/Territory**	Ontario
Postal Code:**	L7G4J6

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

First Name:*	Tara
Last Name:*	Weerasuriya
Position:*	Consultant
Telephone:*	9055676100
Ext:	1166
Fax:	<input type="text"/>
Email:*	tara_weerasuriya@golder.com

## Mailing Address

Delivery Mode:	General Delivery
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	100 - 6925 Century Avenue
City*	Mississauga
Province/Territory**	Ontario
Postal Code:**	L5N7K2

## Employees

### Employees

Number of Full-time Employees:\*

92

## Substances

### 64-17-5, Ethyl Alcohol

64-17-5, Ethyl 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?\*

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?\*\*

All of the toxic substances for which the Facility is required to report on under the TRA and O. Reg. 455/09 are used to manufacture shells for aluminum casting at the Facility. The Facility does not create or destroy any of the toxic substances. There is a high volume of raw metal materials containing toxic substances that are used as intermediate process materials in making shells during the casting process. The Facility feels that no toxic substance reduction options can be identified in any of the seven toxic substance reduction categories. This result is due mainly to space limitations at the Facility and the fixed process manufacturing process that is in place that would require re-appraisal and re-certification, for any potential material substitution options.

The toxic substances are wholly released as air emissions; however, the Facility is in compliance with all current Ministry of Environment regulations regarding emissions and waste management. Howmet has minimized waste generation and maximized its use of valuable raw material products containing toxic substances as a result of these compliance initiatives and economic drivers. Howmet, as part of its continuous improvement process, will continue to seek ways to minimize raw material usage. However, as outlined in the TRA process, the only way to reduce use of the Toxic Substance is to reduce production and, for this reason, Howmet is unable to make a statement of intent under the regulation to reduce the use of the Toxic Substances.

## 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:\*

The objectives of this Toxics Reduction Plan (TRP) Master Document and subsequent individual TRPs are: to provide support for the Facility's position with respect to the Statement of Intent; and to document how the Facility has fulfilled the applicable requirements under the TRA and O. Reg. 455/09 with respect to the Toxic Substance covered.

### Toxic Substance Use 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 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:\*

As a formulation component

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

Ethanol is used in the making of investment castings.

## 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.\*\*

No technically feasible option was identified.

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):\*

TSRP0267

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

TSRP0267

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

New Plan

## 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?\*

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?\*\*

All of the toxic substances for which the Facility is required to report on under the TRA and O. Reg. 455/09 are used to manufacture shells for aluminum casting at the Facility. The Facility does not create or destroy any of the toxic substances. There is a high volume of raw metal materials containing toxic substances that are used as intermediate process materials in making shells during the casting process. The Facility feels that no toxic substance reduction options can be identified in any of the seven toxic substance reduction categories. This result is due mainly to space limitations at the Facility and the fixed process manufacturing process that is place that would require re-appraisal and re-certification, for any potential material substitution options.

The toxic substances are wholly released as air emissions; however, the Facility is in compliance with all current Ministry of Environment regulations regarding emissions and waste management. Howmet has minimized waste generation and maximized its use of valuable raw material products containing toxic substances as a result of these compliance initiatives and economic drivers. Howmet, as part of its continuous improvement process, will continue to seek ways to minimize raw material usage. However, as outlined in the TRA process, the only way to reduce use of the Toxic Substance is to reduce production and, for this reason, Howmet is unable to make a statement of intent under the regulation to reduce the use of the Toxic Substances.

### 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?:\*\*

## Objectives, Targets and Description

### Plan Objectives

Objectives in plan:\*

### Toxic Substance Use Targets

#### Reduction target:\*

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

#### Timeframe target:\*

<input checked="" type="checkbox"/> No target	or <input type="text"/>	years
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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:\*

<input checked="" type="checkbox"/> No target	or <input type="text"/>	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):\*

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?\*