



# National Pollutant Release Inventory (NPRI) and Partners



[Home](#) [Submission Management](#) [Help](#) [My Profile:Ed Hesselink](#) [Logout](#) [Ec.gc.ca](#)

SWIM > 2017 > Cambridge Brass Inc. > Cambridge Brass > Report Preview

## Report Preview

### Report Details

Report Year:	2017
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	30/05/2018 11:38 AM

### Company and Facility Details

Company Name:	Cambridge Brass Inc.
Business Number:	893556563
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 140 Orion Place City, Province/Territory, Postal Code: Cambridge Ontario N1R5V1 Country: Canada
Facility Name:	Cambridge Brass
NAICS Code:	332910
NPRI ID:	4475
ON Reg 127/01 ID:	8360
Physical Address:	Address Line 1: 140 Orion Place City, Province/Territory, Postal Code: Cambridge Ontario N1R5V1 Country: Canada Latitude: 43.3719 Longitude: -80.282 UTM Zone: 17 UTM Easting: 558201 UTM Northing: 4802331

### Parent Companies

Company Name:	AYM International Inc.
Mailing Address:	Address Line 1: City, Province/Territory, Postal Code: None Country: None

### Contacts Details

Contact Type:	Technical Contact, Highest Ranking Employee, Public Contact
Name:	Ed Hesselink
Position:	President
Telephone:	5196215520

Extension	203
Fax:	5196218674
Email:	ehesselink@cbrass.com
Contact Type	Certifying Official
Name:	Deanna Ford
Position:	Human Resources Manager
Telephone:	5196215520
Extension	264
Fax:	5196218674
Email:	dford@cbrass.com
Contact Type	Company Coordinator
Name:	Karen Young
Position:	Logistics Manager
Telephone:	5196215520
Extension	215
Fax:	5196218674
Email:	kyoung@cbrass.com
Contact Type	Person who prepared the report
Name:	Erik Martinez
Position:	Environmental Consultant
Telephone:	5198840510
Fax:	5198840525
Email:	erik.martinez@ghd.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 455 Phillip Street City, Province/Territory, Postal Code: Waterloo Ontario N2L 3X2 Country: Canada

## General Information

Number of employees:	160
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	No
Did the facility report under other environmental regulations or permits:	No

Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):

No

## Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 06	Copper (and its compounds)	1.1080	N/A	N/A	282.7070	tonnes
NA - 11	Nickel (and its compounds)	0.0130	N/A	N/A	3.1890	tonnes
NA - 14	Zinc (and its compounds)	0.1710	N/A	N/A	45.1740	tonnes

## Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
NA - 06	Copper (and its compounds)	Yes	Yes		No
NA - 11	Nickel (and its compounds)	Yes	Yes		No
NA - 14	Zinc (and its compounds)	Yes	Yes		No

## General Information about the Substance - Releases and Transfers of the Substance

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
NA - 06	Copper (and its compounds)	Yes	No	No
NA - 11	Nickel (and its compounds)	Yes	Yes	No
NA - 14	Zinc (and its compounds)	Yes	Yes	No

## General Information about the Substance - Disposals and Off-site Transfers for Recycling

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
NA - 06	Copper (and its compounds)	No	No	Yes
NA - 11	Nickel (and its compounds)	No	No	Yes
NA - 14	Zinc (and its compounds)	No	No	Yes

## General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - 06	Copper (and its compounds)		As an article component	
NA - 11	Nickel (and its compounds)		As an article component	
NA - 14	Zinc (and its compounds)		As an article component	

## TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 06	Copper (and its compounds)	Use	1558.679 tonnes	Yes
NA - 06	Copper (and its compounds)	Creation	0 tonnes	Yes
NA - 06	Copper (and its compounds)	Contained in Product	1274.864 tonnes	Yes
NA - 11	Nickel (and its compounds)	Use	18.133 tonnes	Yes
NA - 11	Nickel (and its compounds)	Creation	0 tonnes	Yes
NA - 11	Nickel (and its compounds)	Contained in Product	14.932 tonnes	Yes
NA - 14	Zinc (and its compounds)	Use	245.070 tonnes	Yes
NA - 14	Zinc (and its compounds)	Creation	0 tonnes	Yes
NA - 14	Zinc (and its compounds)	Contained in Product	199.725 tonnes	Yes

## TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Description of how an incident(s) affected quantifications	Significant Process Change
NA - 06	Copper (and its compounds)					No
NA - 11	Nickel (and its compounds)					No
NA - 14	Zinc (and its compounds)					No

#### On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 06	Copper (and its compounds)	Stack or Point Releases	E2 - Published Emission Factors		1.108 tonnes

#### On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - 06	Copper (and its compounds)	1.108 tonnes

#### Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 11	Nickel (and its compounds)	Total Quantity Released	E2 - Published Emission Factors		0.013 tonnes
NA - 14	Zinc (and its compounds)	Total Quantity Released	E2 - Published Emission Factors		0.171 tonnes

#### On-site Releases - Total

CAS RN	Substance Name	Total releases
NA - 06	Copper (and its compounds)	1.108 tonnes

#### On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
NA - 06	Copper (and its compounds)	25	25	25	25
NA - 11	Nickel (and its compounds)	25	25	25	25
NA - 14	Zinc (and its compounds)	25	25	25	25

#### On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities from Previous Year	Comments
NA - 06	Copper (and its compounds)	Changes in production levels	
NA - 11	Nickel (and its compounds)	Changes in production levels	
NA - 14	Zinc (and its compounds)	Changes in production levels	

#### Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
NA - 06	Copper (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 11	Nickel (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 14	Zinc (and its compounds)		No significant change (i.e. < 10%) or no change	

#### Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		282.707 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		3.189 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		45.174 tonnes

#### Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 06	Copper (and its compounds)	282.707 tonnes
NA - 11	Nickel (and its compounds)	3.189 tonnes
NA - 14	Zinc (and its compounds)	45.174 tonnes

## Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	Ingot Metal Co. Ltd.	111 Fen mar Dr., Westen, ON, Canada	282.707 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	Ingot Metal Co. Ltd.	111 Fen mar Dr., Westen, ON, Canada	3.189 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	Ingot Metal Co. Ltd.	111 Fen mar Dr., Westen, ON, Canada	45.174 tonnes

## Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 06	Copper (and its compounds)	Production Residues Machine or finishing residues	Other (specify in recycling comments field)	Increased amount transferred off-site for recycling in 2017 compared to 2016.
NA - 11	Nickel (and its compounds)	Production Residues Machine or finishing residues	Other (specify in recycling comments field)	Increased amount transferred off-site for recycling during 2017 compared to 2016.
NA - 14	Zinc (and its compounds)	Production Residues Machine or finishing residues	Other (specify in recycling comments field)	Increased amount transferred off-site for recycling during 2017 compared to 2016.

## Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 06	Copper (and its compounds)	No	Enters the facility (Use)	1558.679 tonnes	1317.453 tonnes	2016	241.226	18.31
NA - 06	Copper (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 06	Copper (and its compounds)	No	Contained in Product	1274.864 tonnes	1123.999 tonnes	2016	150.865	13.42
NA - 11	Nickel (and its compounds)	No	Enters the facility (Use)	18.133 tonnes	15.344 tonnes	2016	2.789	18.18
NA - 11	Nickel (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 11	Nickel (and its compounds)	No	Contained in Product	14.932 tonnes	13.138 tonnes	2016	1.794	13.66
NA - 14	Zinc (and its compounds)	No	Enters the facility (Use)	245.070 tonnes	206.226 tonnes	2016	38.844	18.84
NA - 14	Zinc (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 14	Zinc (and its compounds)	No	Contained in Product	199.725 tonnes	176.678 tonnes	2016	23.047	13.04

## Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 06	Copper (and its compounds)	Increase in production levels	
NA - 11	Nickel (and its compounds)	Increase in production levels	
NA - 14	Zinc (and its compounds)	Increase in production levels	

## Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 06	Copper (and its compounds)	No	Total Releases to Air	1.108 tonnes	0.936 tonnes	2016	0.172	18.38
NA - 06	Copper (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - 06	Copper (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
NA - 06	Copper (and its compounds)	No	Total Releases to All Media	0 tonnes				
NA - 11	Nickel (and its compounds)	No	Total Releases to Air	0 tonnes				
NA - 11	Nickel (and its compounds)	No	Total Releases to Water	0 tonnes				
NA - 11	Nickel (and its compounds)	No	Total Releases to Land	0 tonnes				
NA - 11	Nickel (and its compounds)	No	Total Releases to All Media	0.013 tonnes	0.011 tonnes	2016	0.002	18.18

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 14	Zinc (and its compounds)	No	Total Releases to Air	0 tonnes				
NA - 14	Zinc (and its compounds)	No	Total Releases to Water	0 tonnes				
NA - 14	Zinc (and its compounds)	No	Total Releases to Land	0 tonnes				
NA - 14	Zinc (and its compounds)	No	Total Releases to All Media	0.171 tonnes	0.145 tonnes	2016	0.026	17.93

### Comparison Report - On-site Releases - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 06	Copper (and its compounds)	Increase in production levels	
NA - 11	Nickel (and its compounds)	Increase in production levels	
NA - 14	Zinc (and its compounds)	Increase in production levels	

### Comparison Report - Transfers off-site for Recycling

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 06	Copper (and its compounds)	No	Total off-site Transfers for Recycling	282.707 tonnes	192.517 tonnes	2016	90.190	46.85
NA - 11	Nickel (and its compounds)	No	Total off-site Transfers for Recycling	3.189 tonnes	2.195 tonnes	2016	0.994	45.28
NA - 14	Zinc (and its compounds)	No	Total off-site Transfers for Recycling	45.174 tonnes	29.403 tonnes	2016	15.771	53.64

### Comparison Report - Transfers off-site for Recycling - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 06	Copper (and its compounds)	Other	Increased amount transferred off-site for recycling in 2017 compared to 2016.
NA - 11	Nickel (and its compounds)	Other	Increased amount transferred off-site for recycling during 2017 compared to 2016.
NA - 14	Zinc (and its compounds)	Other	Increased amount transferred off-site for recycling during 2017 compared to 2016.

### Pollution Prevention

Does the facility have a documented pollution prevention plan?

No

Did the facility complete any pollution prevention activities in the current NPRI reporting year

No

### Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - 06	Copper (and its compounds)	1) Cambridge Brass Inc. intends to reduce the amount of metal melted and used in our process / product as a percentage of sales by 1% over the next five years. This will be achieved through the redesign of some of our castings to reduce the amount of brass content. 2) Cambridge Brass Inc. will continue to investigate and implement methods to reduce the potential emissions of and promote recycling of copper.
NA - 11	Nickel (and its compounds)	1) Cambridge Brass Inc. intends to reduce the amount of metal melted and used in our process / product as a percentage of sales by 1% over the next five years. This will be achieved through the redesign of some of our castings to reduce the amount of brass content. 2) Cambridge Brass Inc. will continue to investigate and implement methods to reduce the potential emissions of and promote recycling of nickel.
NA - 14	Zinc (and its compounds)	1) Cambridge Brass Inc. intends to reduce the amount of metal melted and used in our process / product as a percentage of sales by 1% over the next five years. This will be achieved through the redesign of some of our castings to reduce the amount of brass content. 2) Cambridge Brass Inc. intends to reduce the amount of zinc used as a percentage of total metal melted and used in our process / product by 10% over the next five years. This will be achieved through the transition to a different raw material over the next two years. 3) Cambridge Brass Inc. will continue to investigate and implement methods to reduce the potential emissions of and promote recycling of zinc.

### Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 06	Copper (and its compounds)	27.97 tonnes	5	Material Reduction - Casting Design Modifications (Sept 2015) Material Reformation - No Lead Conversion - C83600 to C89833 (Jan 2014) On-Site Recycling - Briquette Program (Jan 2014) Improve Planning Capabilities - Lean Manufacturing (May 2013) Process Improvement - Magma Software (Sept 2013)
NA - 11	Nickel (and its compounds)	0.5 tonnes	3	Material Reduction - Casting Design Modifications (Sept 2015) Material Reformation - No Lead Conversion - C83600 to C89833 (Jan 2014) On-Site Recycling - Briquette Program (Jan 2014) Improve Planning Capabilities - Lean Manufacturing (May 2013) Process Improvement - Magma Software (Sept 2013)

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 14	Zinc (and its compounds)	10.06 tonnes	3	-Casting Modification Design (Sept 2015) -Material Substitution (Jan 2014) -Briquette Program (Jan 2014) - Improve Planning Capabilities (May 2013) -Process Improvement (Sept 2013)

### Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 06	Copper (and its compounds)	No quantity target	No timeline target	
NA - 11	Nickel (and its compounds)	No quantity target	No timeline target	
NA - 14	Zinc (and its compounds)	No quantity target	No timeline target	

### Progress on TRA Plan - Toxic Reduction Options Implemented

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
NA - 06	Copper (and its compounds)	Other	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 06	Copper (and its compounds)	Other	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 06	Copper (and its compounds)	Instituted recirculation within a process	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 06	Copper (and its compounds)	Modified design or composition	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 11	Nickel (and its compounds)	Other	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 11	Nickel (and its compounds)	Other	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 11	Nickel (and its compounds)	Instituted recirculation within a process	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 11	Nickel (and its compounds)	Modified design or composition	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 14	Zinc (and its compounds)	Substituted materials	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 14	Zinc (and its compounds)	Instituted recirculation within a process	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.
NA - 14	Zinc (and its compounds)	Modified design or composition	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.	There were no updates to the TRA Plan for this toxic substance in the 2017 reporting year.

CAS RN	Substance Name	Activity	Will the timelines in the current version of the plan will be met	Comments:
NA - 06	Copper (and its compounds)	Other	Yes	
NA - 06	Copper (and its compounds)	Other	Yes	
NA - 06	Copper (and its compounds)	Instituted recirculation within a process	Yes	
NA - 06	Copper (and its compounds)	Modified design or composition	Yes	
NA - 11	Nickel (and its compounds)	Other	Yes	
NA - 11	Nickel (and its compounds)	Other	Yes	
NA - 11	Nickel (and its compounds)	Instituted recirculation within a process	Yes	
NA - 11	Nickel (and its compounds)	Modified design or composition	Yes	









CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 11	Nickel (and its compounds)	Modified design or composition	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 14	Zinc (and its compounds)	Modified design or composition	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the steps described:	No Amount

### Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
NA - 06	Copper (and its compounds)	No		
NA - 11	Nickel (and its compounds)	No		
NA - 14	Zinc (and its compounds)	No		

### Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 06	Copper (and its compounds)	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 06	Copper (and its compounds)	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 06	Copper (and its compounds)	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - 06	Copper (and its compounds)	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 06	Copper (and its compounds)	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 06	Copper (and its compounds)	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 06	Copper (and its compounds)	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 06	Copper (and its compounds)	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 06	Copper (and its compounds)	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 14	Zinc (and its compounds)	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	

### Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
NA - 06	Copper (and its compounds)	No		
NA - 11	Nickel (and its compounds)	No		
NA - 14	Zinc (and its compounds)	No		

### Report Submission and Electronic Certification

#### NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Cambridge Brass Inc.

Certifying Official (or authorized delegate)

Deanna Ford

Report Submitted by

Ed Hesselink

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

## ON MOE TRA - Electronic Certification Statement

### Annual Report Certification Statement

As of 30/05/2018, I, Ed Hesselink, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

#### TRA Substance List

CAS RN	Substance Name
NA - 06	Copper (and its compounds)
NA - 11	Nickel (and its compounds)
NA - 14	Zinc (and its compounds)

#### Company Name

Cambridge Brass Inc.

#### Highest Ranking Employee

Ed Hesselink

#### Report Submitted by

Ed Hesselink

#### Website address

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

### Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2017	30/05/2018	Cambridge Brass	Ontario	Cambridge	NPRI, ON MOE TRA

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.

Version: 3.14.0

[Terms and Conditions](#) | [Transparency](#)



**About us**

**News**

**Contact us**

**Stay connected**

**HEALTH**  
[healthycanadians.gc.ca](http://healthycanadians.gc.ca)

**TRAVEL**  
[travel.gc.ca](http://travel.gc.ca)

**SERVICE CANADA**  
[servicecanada.gc.ca](http://servicecanada.gc.ca)

**JOBS**  
[jobbank.gc.ca](http://jobbank.gc.ca)

**ECONOMY**  
[actionplan.gc.ca](http://actionplan.gc.ca)

**Canada.gc.ca**