



National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2019
Report Type:	NPRI,ON MECP TRA
Report Status:	Ready to Submit
Modified Date/Time:	2020-07-22 3:03 PM

Company and Facility Details

Company Name:	A.H. Tallman Bronze Company Ltd.
Business Number:	100089432
Mailing Address:	Address Line 1: 2220 Industrial Street City: Burlington Province/Territory: Ontario Postal Code: L7P 1A1 Country: Canada
Facility Name:	A.H. TALLMAN BRONZE CO LTD
NAICS Code:	331523
NPRI ID:	4205
Portable:	No
Physical Address:	Address Line 1: 2220 Industrial Street City: Burlington Province/Territory: Ontario Postal Code: L7P 1A1 Country: Canada Latitude: 43.3491 Longitude: -79.8134

Permits

Number or Permit Number:	ON0769600
Government Department, Agency, or Program Name:	Ontario MOE as a hazardous waste generator

Contacts Details

Contact Type	Technical Contact, Certifying Official, Highest Ranking Employee, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Mike Strelbisky

Position:	President
Telephone:	9053353491
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Email:	mstrelbisky@tallman-bronze.com

General Information

Number of employees:	22
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Does this facility release less than the reporting threshold for each Part 4 substance AND have one or more light or medium crude oil batteries with a total oil throughput for the battery components of the facility of $\geq 1,900$ m ³ per year?	No
Did the facility operate one or more electricity generation units that had a capacity of 25 MW or more and that distributed or sold to the grid 33% or more of its potential electrical output in the calendar year?	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
Does this facility solely consist of compression equipment in the oil and gas extraction sector?	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri
Usual Number of Operating Hours per day:	8

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 05	Cobalt (and its compounds)	0.000000	N/A	N/A	1.049000	kg
NA - 06	Copper (and its compounds)	0.041000	N/A	N/A	16.040000	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MECP TRA	First report for this substance to the ON MECP TRA
NA - 05	Cobalt (and its compounds)	Yes	Yes	No
NA - 06	Copper (and its compounds)	Yes	No	No

Applicable Programs - Comments

CAS RN	Substance Name	Comments
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CAS RN	Substance Name	Comments
NA - 05	Cobalt (and its compounds)	No cobalt used in 2019

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 - 05	Cobalt (and its compounds)	Yes	No	No
NA - 06	Copper (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 - 05	Cobalt (and its compounds)	No	No	Yes
NA - 06	Copper (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 - 05	Cobalt (and its compounds)		As a formulation component As an article component	
NA - 06	Copper (and its compounds)		As a formulation component As an article component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 05	Cobalt (and its compounds)	Use	0 kg	Yes
NA - 05	Cobalt (and its compounds)	Creation	0 kg	Yes
NA - 05	Cobalt (and its compounds)	Contained in Product	0 kg	Yes
NA - 06	Copper (and its compounds)	Use	52.5 tonnes	Yes
NA - 06	Copper (and its compounds)	Creation	0 tonnes	Yes
NA - 06	Copper (and its compounds)	Contained in Product	35 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	Reason for the significant process change
NA - 05	Cobalt (and its compounds)					No	
NA - 06	Copper (and its compounds)					No	

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 05	Cobalt (and its compounds)	Stack or Point Releases	O - Engineering Estimates		0.0 kg

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - 05	Cobalt (and its compounds)	0.0 kg

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 06	Copper (and its compounds)	Total Quantity Released	O - Engineering Estimates		0.041 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
NA - 05	Cobalt (and its compounds)	0.0 kg

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

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 - 05	Cobalt (and its compounds)	Changes in composition of materials released/disposed of/transferred	No materials utilized in 2018 contain any compositions of contaminants of concern.
NA - 06	Copper (and its compounds)	Changes in composition of materials released/disposed of/transferred	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
NA - 05	Cobalt (and its compounds)		Changes in composition of materials released/disposed of/transferred	No materials utilized in 2018 contain any compositions of contaminants of concern.
NA - 06	Copper (and its compounds)		Changes in composition of materials released/disposed of/transferred	

Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 05	Cobalt (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		1.049 kg
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		16.04 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 05	Cobalt (and its compounds)	1.049 kg
NA - 06	Copper (and its compounds)	16.04 tonnes

Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 05	Cobalt (and its compounds)	Recovery of Metals and Metal Compounds	Combined Metal Industries Inc.	129 Fenmar Drive, Toronto, ON, Canada	1.049 kg
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	Combined Metal Industries Inc.	129 Fenmar Drive, Toronto, ON, Canada	16.04 tonnes
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	Combined Metal Industries Inc.	129 Fenmar Drive, Toronto, ON, Canada	

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 05	Cobalt (and its compounds)	Production Residues	Changes in composition of materials released/disposed of/transferred	
NA - 06	Copper (and its compounds)	Production Residues	Changes in composition of materials released/disposed of/transferred	Change in how the substance is used.

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 - 05	Cobalt (and its compounds)	No	Enters the facility (Use)	0 kg	97 kg	2018	-97	-100
NA - 05	Cobalt (and its compounds)	No	Creation	0 kg	0 kg	2018	0	
NA - 05	Cobalt (and its compounds)	No	Contained in Product	0 kg	37 kg	2018	-37	-100
NA - 06	Copper (and its compounds)	No	Enters the facility (Use)	52.5 tonnes	95 tonnes	2017	-42.5	-44.74
NA - 06	Copper (and its compounds)	No	Creation	0 tonnes	0 tonnes	2017	0	
NA - 06	Copper (and its compounds)	No	Contained in Product	35 tonnes	63 tonnes	2017	-28	-44.44

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 05	Cobalt (and its compounds)	Other	No materials utilized in 2018 contain any compositions of contaminants of concern.
NA - 06	Copper (and its compounds)	Other	Materials utilized contain lower compositions of contaminants of concern.

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 - 05	Cobalt (and its compounds)	No	Total Releases to Air	0.0 kg	0.08 kg	2018	-0.08	-100
NA - 05	Cobalt (and its compounds)	No	Total Releases to Water	0 kg	0 kg	2018	0	
NA - 05	Cobalt (and its compounds)	No	Total Releases to Land	0 kg	0 kg	2018	0	
NA - 05	Cobalt (and its compounds)	No	Total Releases to All Media	0 kg	0 kg	2018	0	
NA - 06	Copper (and its compounds)	No	Total Releases to Air	0 tonnes	0 tonnes	2018	0	
NA - 06	Copper (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2018	0	
NA - 06	Copper (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2018	0	
NA - 06	Copper (and its compounds)	No	Total Releases to All Media	0.041 tonnes	0.0328 tonnes	2018	0.0082	25.00

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 05	Cobalt (and its compounds)	Other	No materials utilized in 2018 contain any compositions of contaminants of concern.
NA - 06	Copper (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 - 05	Cobalt (and its compounds)	No	Total off-site Transfers for Recycling	1.049 kg	36.55 kg	2018	-35.501	-97.13
NA - 06	Copper (and its compounds)	No	Total off-site Transfers for Recycling	16.04 tonnes	15.76 tonnes	2018	0.28	1.78

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 05	Cobalt (and its compounds)	Other	No materials utilized in 2018 contain any compositions of contaminants of concern.

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 06	Copper (and its compounds)	No reasons - quantities approximately the same	

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

If no, please select all applicable reasons from the list below:

Other (please specify): All substance reduction categories were assessed and no technically and economically feasible alternatives could be found.

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - 05	Cobalt (and its compounds)	Tallman does not currently intend to reduce the use of the toxic substance at the facility because no technically and economically feasible reduction options could be identified.
NA - 06	Copper (and its compounds)	All substance reduction categories were assessed and no technically and economically feasible alternatives could be found.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 05	Cobalt (and its compounds)	No quantity target	No timeline target	
NA - 06	Copper (and its compounds)	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 05	Cobalt (and its compounds)	No quantity target	No timeline target	
NA - 06	Copper (and its compounds)	No quantity target	No timeline target	

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 - 05	Cobalt (and its compounds)	No		
NA - 06	Copper (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 - 05	Cobalt (and its compounds)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 05	Cobalt (and its compounds)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 05	Cobalt (and its compounds)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
NA - 05	Cobalt (and its compounds)	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 05	Cobalt (and its compounds)	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 05	Cobalt (and its compounds)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 05	Cobalt (and its compounds)	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 05	Cobalt (and its compounds)	The amount of reduction in the substance disposed off-site (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 - 05	Cobalt (and its compounds)	The amount of reduction in the substance recycled off-site 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 use 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 creation 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 contained in product 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 release to air 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 release to water 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 release to land 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 disposed on-site (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 disposed off-site (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 recycled off-site 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 - 05	Cobalt (and its compounds)	No		
NA - 06	Copper (and its compounds)	No		

Feedback

Version: 3.16.0



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