National Pollutant Release Inventory (NPRI) and Partners





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SWIM ➤ 2019 ➤ Linamar Corp. ➤ Eston Manufacturing ➤ Report Preview

Report Preview

Report Details

Report Year 2019

Report Type: NPRI,ON MECP TRA

Report Status: Submitted

Modified Date/Time: 2020-07-23 10:41 AM

Company and Facility Details

Company Name: Linamar Corp.

Business Number: 1033333662

Mailing Address:

Delivery Mode: GeneralDelivery

Address Line 1: 287 Speedvale Avenue West

City: Guelph

Province/Territory: Ontario Postal Code: N1H 1C5 Country: Canada

Facility Name: Eston Manufacturing

NAICS Code: 332710

NPRI ID: 11048

Portable: No

Physical Address: Address Line 1: 277 Silvercreek Parkway North

City: Guelph

Province/Territory: Ontario Postal Code: N1H 1E6 Country: Canada

Latitude: 43.5464 Longitude: -80.2883 UTM Zone: 17 UTM Easting: 557492 UTM Northing: 4821740

Parent Companies

Percentage owned:

Company Name: Linamar Corporation

Business Number: 103333662

DUNS Number 206993862

100.00

Civic Address: Address Line 1: 287 Speedvale Avenue West

City: Guelph

Province/Territory: Ontario Postal Code: N1H 1C5 Country: Canada

Permits

Number or Permit Number:

C of A # 6029-7

 ${\bf Government}\ {\bf Department},\ {\bf Agency},\ {\bf or}\ {\bf Program}$

Name:

MOE

Contacts Details

Contact Type

Technical Contact

Name:

Anthony Oyeyi

Position:

EHS Coordinator

Telephone:

5197630063

Extension

26201

Email:

Anthony.Oyeyi@Linamar.com

Contact Type

Certifying Official, Highest Ranking Employee

Name:

Greg Kirkup

Position:

General Manager

Telephone:

5197630063

Extension

26600

Fax:

5197632113

Email:

greg.kirkup@linamar.com

Contact Type

Person who prepared the report

Name:

Jenna Devereaux

Position:

Environmental Engineer

Telephone:

2263260115

37676

Extension

Email:

Jenna.Devereaux@Linamar.com

Mailing Address:

Address Line 1: 545 Elmira Road

City: Guelph

Province/Territory: Ontario Postal Code: N1K 1C2 Country: Canada

General Information

Number of employees:

295

Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:

None of the above

Activities Relevant to Reporting Dioxins, None of the above Furans and Hexacholorobenzene: Activities Relevant to Reporting of Polycyclic Wood preservation using creosote: No Aromatic Hydrocarbons (PAHs): Does this facility release less than the No 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 ≥1,900 m3 per year? Did the facility operate one or more electricity No 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? Is this the first time the facility is reporting to No the NPRI (under current or past ownership): Is the facility controlled by another Canadian Yes company or companies: Does this facility solely consist of compression No equipment in the oil and gas extraction Is the facility required to report one or more No NPRI Part 4 substances (Criteria Air Contaminants):

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 06	Copper (and its compounds)	N/A	N/A	N/A	16.980000	tonnes
NA - 14	Zinc (and its compounds)	N/A	N/A	N/A	5.320000	tonnes

Applicable Programs

CAS RN Substance Name		NPRI	ON MECP TRA	First report for this substance to the ON MECP TRA	
NA - 06	Copper (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)	No	No	No
NA - 14	Zinc (and its compounds)	No	No	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 - 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)	For on-site use/processing	As an article component	
NA - 14	Zinc (and its compounds)	For on-site use/processing	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	196.14 tonnes	No
NA - 06	Copper (and its compounds)	Creation	0 tonnes	No
NA - 06	Copper (and its compounds)	Contained in Product	179.16 tonnes	No
NA - 14	Zinc (and its compounds)	Use	31.52 tonnes	No
NA - 14	Zinc (and its compounds)	Creation	0 tonnes	No
NA - 14	Zinc (and its compounds)	Contained in Product	26.21 tonnes	No

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 - 06	Copper (and its compounds)					No	
NA - 14	Zinc (and its compounds)					No	

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)	Other (specify in comment field)	Copper (and its compounds) is not released on-site.
NA - 14	Zinc (and its compounds)	Other (specify in comment field)	Zinc (and its compounds) is not released on-site.

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)		Other (specify in comment field)	Copper (and its compounds) is not disposed of (on-site or off-site), or transferred for treatment prior to final disposal.
NA - 14	Zinc (and its compounds)		Other (specify in comment field)	Zinc (and its compounds) is not disposed of (on-site or off-site), or transferred for treatment prior to final disposal.

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		16.98 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		5.32 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN Substance Name		Total - Off-site Transfers for Recycling		
NA - 06	Copper (and its compounds)	16.98 tonnes		
NA - 14	Zinc (and its compounds)	5.32 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	Gerdau Ameristeel Metals Recycling	200 Dawson Rd., Guelph, ON, Canada	16.98 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	Gerdau Ameristeel Metals Recycling	200 Dawson Rd., Guelph, ON, Canada	5.32 tonnes

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was	Reasons for Changes in Quantities Recycled from Previous	Comments
	Substance Name	Recycled	Year	Comments

NA - 06 Copper (and its compounds)		Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
			Production Residues Off-specification products Unusable parts or discards	Decrease in production levels	
	NA - 14 Zinc (and its compounds) Off-specification		Production Residues Off-specification products Unusable parts or discards	No significant change (i.e. <10% or no change)	

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)	196.14 tonnes	202.14 tonnes	2018	-6.00	-2.97
NA - 06	Copper (and its compounds)	No	Creation	0 tonnes	0 tonnes	2018	0	
NA - 06	Copper (and its compounds)	No	Contained in Product	179.16 tonnes	183.17 tonnes	2018	-4.01	-2.19
NA - 14	Zinc (and its compounds)	No	Enters the facility (Use)	31.52 tonnes	29.56 tonnes	2018	1.96	6.63
NA - 14	Zinc (and its compounds)	No	Creation	0 tonnes	0 tonnes	2018	0	
NA - 14	Zinc (and its compounds)	No	Contained in Product	26.21 tonnes	23.95 tonnes	2018	2.26	9.44

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)	No reasons - quantities approximately the same	
NA - 14	Zinc (and its compounds)	No reasons - quantities approximately the same	

Comparison Report - Transfers off-site for Recycling

CAS RN	Substance Name	Is Breakdowr	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	16.98 tonnes	18.96 tonnes	2018	-1.98	-10.44
NA - 14	Zinc (and its compounds)	No	Total off-site Transfers for Recycling	5.32 tonnes	5.62 tonnes	2018	-0.30	-5.34

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)	Decrease in production levels	
NA - 14	Zinc (and its compounds)	No reasons - quantities approximately the same	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

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

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

No

No

Other (please specify): Copper and zinc are article components of the raw material and a by-product of the finished goods from machining operations. All scrap metal generated as a part of our operations is recycled. Therefore, no pollution prevention activities are applicable at this time.

Progress on TRA Plan - Objectives

CAS RN	Name	Objectives
NA - 06	Copper (and its compounds)	Eston prides itself on technological innovation in order to produce high quality automotive parts in an environmentally responsible manner. Through this plan, Eston will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

CAS RN	Name	Objectives
	compounds)	Eston prides itself on technological innovation in order to produce high quality automotive parts in an environmentally responsible manner. Through this plan, Eston will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 06 Copper (and its compounds) No quantity target No timeline target			The following options have been identified for implementation to reduce the use and/or amount of Copper transferred: • Work with suppliers to reduce foundry defects received • Implement training practices/procedures amongst machine operators to reduce scrap materials	
NA - 14	Zinc (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 - 06	Copper (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	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	Continued to investigate feedstock options.	Continued to investigate feedstock options.	Same as TRA plan.	Continued to investigate feedstock options.
NA - 06	Training Copper related t		Continued training employees to reduce the generation of scrap and unusable metal discards.	Same as TRA plan.	Continued training employees to reduce the generation of scrap and unusable metal discards.	Continued training employees to reduce the generation of scrap and unusable metal discards.
NA - 14	Zinc (and its compounds)	Training related to toxics substance reduction	Continued training employees to reduce the generation of scrap and unusable metal discards.	Continued training employees to reduce the generation of scrap and unusable metal discards.	Same as TRA plan.	Continued training employees to reduce the generation of scrap and unusable metal discards.

CAS RN	Substance Name	Activity	Will the timelines in the current version of the plan will be $\label{eq:current} \mbox{met}$	Comments:
NA - 06	06 Copper (and its compounds) Other		Yes	
NA - 06 compounds) redu NA - 14 Zinc (and its compounds) Train		Training related to toxics substance reduction	Yes	
		Training related to toxics substance reduction	Yes	

Progress on TRA Plan - Reductions due to Options Implemented - Materials or feedstock substitution

Substance Name	Activity	Reductions due to Options Implemented	Quantity
Copper (and its compounds)	Other	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
Copper (and its compounds)	Other	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
Copper (and its compounds)	Other	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
Copper (and its compounds)	Other	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
Copper (and its compounds)	Other	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
Copper (and its compounds)	Other	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
Copper (and its compounds)	Other	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 steps described:	No Amount
Copper (and its compounds)	Other	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 steps described:	No Amount
	Name Copper (and its compounds) Copper (and its compounds)	Name Copper (and its compounds) Copper (and its compounds)	Copper (and its compounds) Co

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - 06	Copper (and its compounds)	Other	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount

Progress on TRA Plan - Reductions due to Options Implemented - Good operator practice or training

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity	
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:		
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount	
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:		
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount	
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount	
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount	
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	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 steps described:	No Amount	
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	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 steps described:		
NA - 06	Copper (and its compounds)	Training related to toxics substance reduction	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount	
NA - 14	Zinc (and its compounds)	Training related to toxics substance reduction	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:		
NA - 14	Zinc (and its compounds)	Training related to toxics substance reduction	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:		
NA - 14	Zinc (and its compounds)	Training related to toxics substance reduction	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:		
NA - 14	Zinc (and its compounds) Training related to toxics substance reduction		The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:		
NA - 14	Zinc (and its compounds)	Training related to toxics substance reduction	The amount of reduction in release to water 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)	Training related to toxics substance reduction	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount	
NA - 14	Zinc (and its compounds)	Training related to toxics substance reduction	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 steps described:	No Amount	
NA - 14	Zinc (and its compounds)	Training related to toxics substance reduction	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 steps described:	No Amount	
NA - 14	Zinc (and its compounds)	Training related to toxics substance reduction	The amount of reduction in the substance recycled off-site 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 - 14	Zinc (and its compounds)	No		

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
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.	
NA - 14	Zinc (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 - 14	Zinc (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 - 14	Zinc (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 - 14	Zinc (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 - 14	Zinc (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 - 14	Zinc (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 - 14	Zinc (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 - 14	Zinc (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 - 14	Zinc (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 - 06	Copper (and its compounds)	No		
NA - 14	Zinc (and its compounds)	No		

Feedback

Comments on the Reporting System

Very satisfied. Did not encounter any technical issues, but there is room for improvement.

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.

About us	News		Contact us	Stay conn	ected
Terms and Conditions Transparency					
			•		Version: 3.16.3
terminated, or if informa		revious year was mista	-	perator of the facility, if opera se update this information th	·
2019	2020-07-23	Eston Manufacturing	Ontario	Guelph	NPRI,ON MECP TRA
Period	Submission Date	Facility Name	Province	City	Programs
455/09 provide the auth available to the public. Submitted Report	ority to the Director unde	er the Act to make cer	tain information as speci	fied in subsection 27(5) of O	ntario Regulation 455/09
signing the statement(s)	. I also acknowledge tha	t by pressing the 'Subi	mit Report(s)' button I a	dge that by checking the box m submitting the facility reco the Toxics Reduction Act, 200	ord(s)/report(s) for the
https://www.linamar.co	om/sustainability				
Website address					
Report Submitted by Greg Kirkup					
Greg Kirkup					
Highest Ranking Employ	ee				
Linamar Corp.					
Company Name					
NA - 14	Zinc (and its comp	oounds)			
NA - 06	Copper (and its co	ompounds)			
CAS RN	Substance Name				
TRA Substance List	*				
below and am familiar		to my knowledge the	information contained in	reduction plans for the toxic n the reports is factually accu nder that Act.	
Annual Report Certific	ation Statement				
I, the Certifying Official am electronically certifying ON MECP TRA - Electronically	ng and submitting the fac	cility report(s) for the i		edge that by pressing the "Si affiliated programs.	ubmit Report(s)" button, I
Greg Kirkup	an and basica dada a saba			des Neckharassias Nec IIC	obacit Daniel (2) II buther. T
Greg Kirkup Report Submitted by					
Certifying Official (or aut	thorized delegate)				
Company Name Linamar Corp.					

 $\ensuremath{\mathrm{I}}$ also acknowledge that the data will be made public.