



# National Pollutant Release Inventory (NPRI) and Partners



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## Report Preview

### Report Details

Report Year	2020
Report Type:	NPRI,ON MECP TRA
Report Status:	Submitted
Modified Date/Time:	2021-08-16 4:59 PM

### Company and Facility Details

Company Name:	Linamar Corp.
Business Number:	103333662
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:	Comtech Mfg.
NAICS Code:	336360
NPRI ID:	10105
Portable:	No
Physical Address:	Address Line 1: 355 Silvercreek Parkway North City: Guelph Province/Territory: Ontario Postal Code: N1H 1E6 Country: Canada  Latitude: 43.547 Longitude: -80.2901 UTM Zone: 17 UTM Easting: 557347 UTM Northing: 4821806

### Parent Companies

Company Name:	Linamar Corporation
Business Number:	103333662
DUNS Number	206993862
Percentage owned:	100.00
Civic Address:	Address Line 1: 287 Speedvale Avenue

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

Contacts Details

Contact Type	Technical Contact, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Melissa Gould
Position:	EHS Specialist
Telephone:	5198279423
Email:	melissa.gould@linamar.com
Contact Type	Certifying Official, Highest Ranking Employee
Name:	Zlatko Cado
Position:	General Manager
Telephone:	5198217576
Extension	14600
Fax:	5198214216
Email:	zlatko.cado@linamar.com

General Information

Number of employees:	381
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 ≥1,900 m3 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:	Yes
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

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	15.900000	tonnes
NA - 14	Zinc (and its compounds)	N/A	N/A	N/A	11.270000	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	145.98 tonnes	Yes
NA - 06	Copper (and its compounds)	Creation	0 tonnes	Yes
NA - 06	Copper (and its compounds)	Contained in Product	130.08 tonnes	Yes
NA - 14	Zinc (and its compounds)	Use	101.77 tonnes	Yes
NA - 14	Zinc (and its compounds)	Creation	0 tonnes	Yes
NA - 14	Zinc (and its compounds)	Contained in Product	90.50 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 - 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

CAS RN	Substance Name	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 - 14	Zinc (and its compounds)	No significant change (i.e. <10% or no change)	

### 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 - 14	Zinc (and its compounds)		Increase in production levels	

### 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		15.90 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		11.27 tonnes

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

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 06	Copper (and its compounds)	15.90 tonnes
NA - 14	Zinc (and its compounds)	11.27 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 Corporation	200 Dawson Road, Guelph, ON, Canada	15.90 tonnes
NA - 14	Zinc (and its compounds)	Recovery of Metals and Metal Compounds	Gerdau Ameristeel Corporation	200 Dawson Road, Guelph, ON, Canada	11.27 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 Off-specification products Unusable parts or discards	No significant change (i.e. <10% or no change)	
NA - 14	Zinc (and its compounds)	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)	145.98 tonnes	166.38 tonnes	2019	-20.40	-12.26
NA - 06	Copper (and its compounds)	No	Creation	0 tonnes	0 tonnes	2019	0	
NA - 06	Copper (and its compounds)	No	Contained in Product	130.08 tonnes	140.10 tonnes	2019	-10.02	-7.15
NA - 14	Zinc (and its compounds)	No	Enters the facility (Use)	101.77 tonnes	47.39 tonnes	2019	54.38	114.75
NA - 14	Zinc (and its compounds)	No	Creation	0 tonnes	0 tonnes	2019	0	
NA - 14	Zinc (and its compounds)	No	Contained in Product	90.50 tonnes	40.55 tonnes	2019	49.95	123.18

### 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 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	15.90 tonnes	26.27 tonnes	2019	-10.37	-39.47
NA - 14	Zinc (and its compounds)	No	Total off-site Transfers for Recycling	11.27 tonnes	6.83 tonnes	2019	4.44	65.01

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)	No reasons - quantities approximately the same	
NA - 14	Zinc (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): 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 part of our operations is recycled. Therefore, no pollution prevention activities are applicable at this time.

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - 06	Copper (and its compounds)	Reduce the amount of Machine Scrap generated through equipment, maintenance, training and operating process improvements.
NA - 14	Zinc (and its compounds)	The objective was to identify feasible reduction options to reduce the use of Zinc (and its compounds) on-site.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 06	Copper (and its compounds)	No quantity target	1	To reduce the machine scrap rate below or equal to 0.5% by the end of December 2013.
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	No target. Comtech does not create copper, it is just a component of our castings.
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	NA	NA	NA	NA
NA - 06	Copper (and its compounds)	Other	NA	NA	NA	NA
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			

Progress on TRA Plan - Reductions due to Options Implemented - Equipment or process modifications

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 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)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 06	Copper (and its compounds)	Other	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 - 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.	

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

### Feedback

## 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

Linamar Corp.

Certifying Official (or authorized delegate)

Nick Markovski

Report Submitted by

Jeff Wiles

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.

Annual Report Certification Statement

As of 2021-08-16, I, Nick Markovski, 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 - 14	Zinc (and its compounds)

Company Name  
Linamar Corp.

Highest Ranking Employee  
Nick Markovski

Report Submitted by  
Jeff Wiles

Website address  
https://www.linamar.com/sustainability

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
2020	2021-08-16	Comtech Mfg.	Ontario	Guelph	NPRI,ON MECP 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.

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