

#### **Parent Companies**

Company Name:

Business Number:

DUNS Number

Percentage owned:

Linamar Corporation
103333662
206993862
100.00

Address Line 1: 287 Speedvale Avenue West City: Guelph Province/Territory: Ontario Postal Code: N1H 1C5 Country: Canada

#### **Contacts Details**

Contact Type	Technical Contact
Name:	Gurinder Rull
Position:	Environmental Coordinator
Telephone:	5198367554
Extension	28204
Email:	Gurinder.Rull@Linamar.com
Contact Type	
	Certifying Official, Highest Ranking Employee
Name:	Nandor Novak
Position:	Operations Manager
Telephone:	5198367554
Extension	28601
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Contact Type	Person who prepared the report
Name:	Jenna Devereaux
Position:	Environmental Engineer
Telephone:	2263260115
Extension	37676
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:

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

Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:

Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):

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

	176
ee	None of the above
	None of the above
	Wood preservation using creosote: No
e	No

m3 per year?

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	No
grid 33% or more of its potential electrical output in the calendar year?	
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	No
sector?	
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No
Is the facility required to report one or more	Νο

# Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 09	Manganese (and its compounds)	N/A	N/A	N/A	35.530000	tonnes

### Applicable Programs

CAS RN	Substance Name	NPRI	ON MECP TRA	First report for this substance to the ON MECP TRA
NA - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (and its compounds)	Use	61.26 tonnes	No
NA - 09	Manganese (and its compounds)	Creation	0 tonnes	No
NA - 09	Manganese (and its compounds)	Contained in Product	25.73 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 - 09	Manganese (and its compounds)					No	

	Substance	Change in	Reasons	Description of how the change	Description of how an	Significant	Reason for the
CAS RN	Name	Method of	for	impact tracking and quantification	incident(s) affected	Process	significant
	Name	Quantification	Change	of the substance	quantifications	Change	process change

### 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 - 09	Manganese (and its compounds)	Other (specify in comment field)	Manganese 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 - 09	Manganese (and its compounds)		()ther (specify in comment field)	Manganese 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	<b>Basis of Estimate</b>	Detail Code	Quantity
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		35.53 tonnes

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

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 09	Manganese (and its compounds)	35.53 tonnes

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

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	Gerdau Ameristeel Metals Recycling	200 Dawson Rd., Guelph, ON, Canada	35.53 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 - 09	Manganese (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 - 09	Manganese (and its compounds)	No	Enters the facility (Use)	61.26 tonnes	56.22 tonnes	2018	5.04	8.96
NA - 09	Manganese (and its compounds)	No	Creation	0 tonnes	0 tonnes	2018	0	
NA - 09	Manganese (and its compounds)	No	Contained in Product	25.73 tonnes	23.79 tonnes	2018	1.94	8.15

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 09	Manganese (and its compounds)	No reasons - quantities approximately the same	

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

CAS RN	Substance Name	Is Breakdowi	Category 1	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 09	Manganese (and its compounds)	No	Total off-site Transfers for Recycling	35.53 tonnes	32.42 tonnes	2018	3.11	9.59

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 09	Manganese (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	No
reporting year	
If no, please select all applicable reasons from the list below:	Other (please specify): Manganese is a constituent of the raw material. All scrap metal generated as part of the facility's operations is recycled/recovered. Therefore, no pollution prevention activities have been implemented at this time.

### Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - 09	Manganese (and its compounds)	The objective was to identify feasible reduction options to reduce the use of Manganese (and its compounds) on-site.

### Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (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 - 09	Manganese (and its compounds)	No		

#### Feedback

Comments on the Reporting System

Satisfied. Few technical issues and they were easily resolved.

# Report Submission and Electronic Certification

#### NPRI - Electronic Statement of Certification

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) Nandor Novak	
Report Submitted by	
Nandor Novak	

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 MECP TRA - Electronic Certification Statement**

#### Annual Report Certification Statement

As of 2020-06-17, I, Nandor Novak, 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 - 09	Manganese (and its compounds)		
Company Name			
Linamar Corp.			
Highest Ranking Employee			
Nandor Novak			
Report Submitted by			
Nandor Novak			
Website address			
https://www.linamar.com/s	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

City

2019	2020-06-17	Hastech 2	Ontario	Guelph	NPRI,ON MECP TRA
terminated, or if infor	5	previous year was mis	5	operator of the facility, if operati ase update this information thro	,
					Version: 3.16.0
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Terms and Conditions   Transpare	ncy		-		
About us	News		Contact us	Stay connec	cted
<b>HEALTH</b> healthycanadians.gc.ca		SERVICE CANADA servicecanada.gc.ca	JOBS jobbank.gc.ca	ECONOMY actionplan.gc.ca	Canada.gc.ca