

TRA Plan Summary – Zinc

Basic Facility Information

Name & CAS # of Substance	Zinc	7440-66-6
Substances for which other plans have been prepared	Chromium	7440-47-3
	Copper	7440-50-8
	Manganese	7439-96-5
	Nickel	7440-02-0
Facility Identification and Site Address		
Company Name	Linamar Corporation	
Facility Name	Corvex Manufacturing	
Facility Address	12 Independence Place Guelph, Ontario N1K 1H8	
Spatial Coordination of Facility	Easting: 555952.33 Northing: 4820173.49	
Number of Employees	187	
NPRI ID	7259	
Parent Company (PC) Information		
PC Name & Address	Linamar Corporation, 287 Speedvale Avenue West Guelph, Ontario N1H 1C5	
Percent Ownership for each PC	100%	
Business Number for PC	103333662	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	31-33 – Manufacturing	
4 Digit NAICS Code	3363 – Motor vehicle parts manufacturing	
6 Digit NAICS Code	336390 - Other Motor Vehicle Parts Manufacturing	

Company Contact Information		
Facility Public Contact	Mr. John Graham	Same as Facility
	General Manager	
	john.graham@linamar.com	
	Phone: (519) 763-7786 ext. 600	
	Fax: (519) 763-2507	
Facility Technical Contact:	Mr. Jeffrey King	Same as Facility
	EHS Specialist	
	jeff.king@linamar.com	
	Phone: (519) 763-7786 ext. 253	
	Fax: (519) 763-2507	
Company Coordinator Contact	Mr. Jeffrey King	Same as Facility
	EHS Specialist	
	jeff.king@linamar.com	
	Phone: (519) 763-7786 ext. 253	
	Fax: (519) 763-2507	
Person who Prepared the Plan: (if different from the Coordinator)	Sean Williams	Conestoga-Rovers & Associates 651 Colby Dr. Waterloo, ON N2V 1C2
	sawilliams@croworld.com	
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	Fax: (519) 884-0525	
	Sean Williams	
Highest Ranking Employee	Mr. John Graham	Same as Facility
	General Manager	
	john.graham@linamar.com	
	Phone: (519) 763-7786 ext. 600	
	Fax: (519) 763-2507	
Planner Information:		
Planner Responsible for Making Recommendations	Erik Martinez	Conestoga-Rovers & Associates Ltd. 651 Colby Drive Waterloo, ON N2V 1C2
	Planner License No. TSRP0005	
	emartinez@croworld.com	
	Phone: (519) 884-0510 ext. 2342	
Planner Responsible for Certification	Erik Martinez	Conestoga-Rovers & Associates Ltd. 651 Colby Drive Waterloo, ON N2V 1C2
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	emartinez@croworld.com	
	Phone: (519) 884-0510 ext. 2342	

Toxic Reduction Policy Statement of Intent

The Corvex Manufacturing (Corvex) Facility uses zinc in three processes. The Facility does not intend to reduce the use, disposal or contained in product of this toxic substance at the Facility. Corvex does not create zinc; therefore this plan will not address reducing its creation.

Reduction Objectives

The objective of this Plan is to identify and evaluate a variety of toxics substance reduction options to reduce the use, disposal and contained in product of zinc at the Facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Based on a review of the Facility's operations, Corvex was unable to identify any feasible reduction options. Therefore, there are no reduction objectives. Corvex will strive to reduce the use, disposal or contained in product of zinc in the future, should an option become available.

Description of Facility

Corvex manufactures automotive casing parts. The raw metal materials are delivered to the facility, where they undergo a variety of machining processes according to the specific customer specifications before being shipped. Zinc is used at the Facility as a constituent compound in the aluminum metal materials.

The North American Industry Classification System (NAICS) Code that applies to this Facility is 336390 - Other Motor Vehicle Parts Manufacturing.

In 2013, the Facility operated 24 hours per day, 7 days per week.

Toxic Substance Reduction Options to be Implemented

There were no new options identified that can be implemented by Corvex to reduce the use, disposals or releases of zinc.

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for Corvex.

Certification by Highest Ranking Employee

Attached.

Certification by Licensed Planner

Attached.

Section 9.0 Plan Certifications

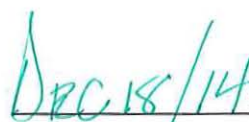
CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of December 18, 2014, I, John Graham, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

[Zinc]



John Graham
General Manager
Corvex Manufacturing



Date

CERTIFICATION BY LICENSED PLANNER

As of December 18, 2014, I, Erik Martinez, certify that I am familiar with the processes at Corvex that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subSection 4 (1) of the *Toxics Reduction Act, 2009* that are set out in the plan dated December 18, 2014 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Zinc]



Erik Martinez, P. Eng.
Planner License # TSRP0005
Conestoga-Rovers & Associates Ltd.

December 19, 2014

Date