



Transgear Manufacturing

TOXIC REDUCTION ACT REPORTING PLAN SUMMARY

REPORTING YEAR: 2015

SUMMARY STATEMENT

This plan summary accurately reflects the content of the Toxic Substance Reduction Plan, prepared by Bikrambir Johal for the following substances:

Substance	CAS No.
Mangense	7439-96-5

STATEMENT OF INTENT

In accordance with Linamar's ISO 14001 Environmental Management System (EMS) and Corporate Objectives, the Facility will continue to set and regularly assess environmental objectives and targets in order to ensure the continuation of proactive environmental procedures and practices. Through these practices, the Facility will strive to reduce the use of toxic substances, whenever technically and economically feasible. It is also Linamar's policy to actively promote environmental awareness among Employee through continual education and training and strive to comply with all municipal, provincial and federal legislation as well as other requirements related to the environment.

FACILITY INFORMATION:

Address: 400 Massey Road, Guelph Ontario, N1K 1C4

FACILITY PUBLIC CONTACT

Name: Mr. Darryl Goodwin
Number: 5197635370
Email: Darryl.goodwin@linamar.com
NPRI ID: 7206
MOE ID for Ontario Regulation 127: 8229
Fulltime Employees: 216
NAICS Code: 336350

HIGHEST RANKING EMPLOYEE CONTACT

Name: Mr. Darryl Goodwin
Number: 5197635370
Email: Darryl.goodwin@linamar.com
Address: 400 Massey Road, Guelph, Ontario, N1K 1C4

TOXIC REDUCTION PLANNER INFO (PLANNER RESPONSIBLE FOR MAKING PLAN / RECOMMENDATIONS)

Name: Melissa Gould
Number: 2263260115
Email: Melissa.gould@linamar.com
Address: 545 Elmira Road, Guelph, Ontario, N1K 1C2
Planner License #: TSRP0259

MOE REQUIRED INFORMATION

Trade Name: Transgear Manufacturing a Division of Linamar Holdings Inc.
Parent Company Name: Linamar Holdings Inc.
% Owned: 100
NPRI ID: 7206
Fulltime Employees: 216
NAICS Code: 336350
UTM Coordinates: Easting: 555936.94, Northing: 4820577.16

OBJECTIVES

Linamar prides itself on technological innovation in order to produce high quality automotive parts in an environmentally responsible manner. Through this plan, Transgear determines the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

FACILITY DESCRIPTION

Linamar produces automotive parts from various metal castings. Raw materials are brought into the Facility where they are machined into automotive parts, then prepared and packaged for shipment. These raw materials contain the compound noted within this plan summary.

REDUCTION OPTIONS

The following options have been identified for implementation to reduce the use and/or amount of compounds transferred by 35%. This option is an on-going process with regular reviews of reduction targets that may change from year to year. The schedule for this reduction option is given below. Linamar has carefully reviewed the reduction options to ensure that there is not net negative impact to the environment or public health. The selection options below will serve to reduce the amount of the noted compound(s) used in the process, and will not create any toxic by-products. This Facility does not create any toxic substances and therefore the plan does not address reducing creation.

Step #	Action Description	Estimated Timeline
1	Review of existing scrap procedures to identify possible improvement processes	January 2017 - Ongoing
2	Hold annual session to update operators based on new findings	Annual
3	Timeline for reduction of Manganese	January 2017 - Ongoing

TOXIC SUBSTANCE INFORMATION (LIST AMOUNT USED/CREATED/TRANSFERRED/DISPOSED)

Substance	ACTIVITY	Receiving Facility	Address	Amount
Manganese	Machining	Transgear Manufacturing	400 Massey Road, Guelph, Ontario, N1K 1C4	310857.5/240524.65/70332.85/0 Lbs.

CERTIFICATION BY HIGHEST RANKING EMPLOYEE

AS of December 31, 2016, I, THE HIGHEST RANKING EMPLOYEE, certify that I have read the reports on the Toxic Substance Reduction Plans for the toxic substances referred to above 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.

Substance	CAS No.
Manganese	7439-96-5

SIGNATURE

ADDRESS

400 Massey Road, Guelph, Ontario, N1K 1C4

CERTIFICATION BY LICENSED PLANNER

As of December 31, 2016, I Ms. Melissa Gould, certify that I am familiar with the processes at Transgear Manufacturing that use or create the toxic Manganese 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 15, 2016 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Substance	CAS No.
Manganese	7439-96-5

SIGNATURE

ADDRESS

545 Elmira Road, Guelph, Ontario, N1K 1C2