

**PLAN SUMMARY**  
**Camtac Manufacturing**  
**GUELPH, ONTARIO**

<b>Name &amp; CAS # of Substance</b> <b>Substances for which other plans have been prepared</b>	Manganese	7439-96-5
	NA	
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Linamar Corporation	
<b>Facility Name</b>	Camtac Manufacturing	
<b>Facility Address</b>	<b>Physical Address:</b>	<b>Mailing Address: (if different)</b>
	148 Arrow Road Guelph, Ontario N1K 1T4	
<b>Spatial Coordination of Facility</b>	Easting: 556618.56 Northing: 4822974.18	
<b>Number of Employees</b>	446	
<b>NPRI ID</b>	10942	
<b>Ontario MOE ID Number</b>		
<b>Parent Company (PC) Information</b>		
<b>PC Name &amp; Address</b>	Linamar Corporation, 287 Speedvale Avenue West, Guelph, Ontario N1H 1C5	
<b>Percent Ownership for each PC</b>	100%	
<b>Business Number for PC</b>	103333662	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	33 Manufacturing	
<b>4 Digit NAICS Code</b>	3336 - Engine, turbine and power transmission equipment manufacturing	
<b>6 Digit NAICS Code</b>	333619 - Other engine and power transmission equipment manufacturing	
<b>Company Contact Information</b>		
<b>Facility Public Contact</b>	Mr. Stu Burbidge, LPS, sigma, PM Manager	
	<a href="mailto:stu.burbidge@linamar.com">stu.burbidge@linamar.com</a>	
	Phone: (519) 780-2270 ext. 318	Same address as facility
	Fax: (519) 780-2274	

## PLAN SUMMARY STATEMENT

This plan summary reflects the content of the toxic substance reduction plan for Camtac Manufacturing (Camtac) for manganese, prepared by Conestoga-Rovers & Associates.

## STATEMENT OF INTENT

Camtac Manufacturing (Camtac) is committed to playing a leadership role in protecting the environment. Whenever feasible, we will reduce the use of manganese in compliance with all Federal and Provincial Regulations.

## REDUCTION OBJECTIVES

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

## REDUCTION OPTIONS TO BE IMPLEMENTED

The following option has been identified for implementation to reduce the use and/or amount of manganese transferred:

- Work with suppliers to reduce Foundry Defective materials
- Reduce scrap levels on production lines by 0.25 percent

### **Work with suppliers to reduce Foundry Defective materials**

This option is an on-going procedure at Camtac, with annual reduction targets that will change from year to year. The schedule for this reduction option is given below:

<b>Step</b>	<b>Description</b>	<b>Estimated Timelines</b>
<b>1</b>	Discussions with Foundry Suppliers	January 2013 - Ongoing
<b>2</b>	Implement improvements to materials receiving procedure	
<b>3</b>	Timeline for implementation of Manganese Reductions	End of 2013

### **Reduce scrap levels on production lines by 0.25 percent**

This option is an on-going procedure at Camtac, with annual reduction targets that will change from year to year. The schedule for this reduction option is given below:

<b>Step</b>	<b>Description</b>	<b>Estimated Timelines</b>
<b>1</b>	Review of existing scrap procedures to identify possible improvements	January 2013 - Ongoing
<b>2</b>	Hold Annual Session to update operators based on new findings	Annual
<b>3</b>	Timeline for implementation of Manganese Reductions	End of 2013

Camtac has carefully reviewed the toxic substance use reduction options to ensure that there is no net negative impact to the environment or public health. The selected options will serve to reduce the amount of manganese used in the process, and will not create any toxic by-products.

**CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of December 17, 2012, I, Andy Scapinello, 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.

Manganese

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Andy Scapinello  
Operations Manager  
Camtac Manufacturing

**CERTIFICATION BY LICENSED PLANNER**

As of December 17, 2012, I, Dana Lauder, certify that I am familiar with the processes at Camtac 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 November 23, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Manganese



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Dana Lauder  
Conestoga-Rovers & Associates  
Planner License #TSRP00014  
dlauder@craworld.com