

## TRA Plan Summary – Copper

### Basic Facility Information

<b>Name &amp; CAS # of Substance</b>	Copper	7440-40-8
<b>Substances for which other plans have been prepared</b>	Nickel	7440-02-8
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Linamar Corporation	
<b>Facility Name</b>	Hastech Manufacturing	
<b>Facility Address</b>	301 Massey Road Guelph, Ontario N1K 1B2	
<b>Spatial Coordination of Facility</b>	Easting: 556081.96 Northing: 4820826.65	
<b>Number of Employees</b>	550	
<b>NPRI ID</b>	4738	
<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>	<b>100%</b>	
<b>Business Number for PC</b>	103333662	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	31-33 – Manufacturing	
<b>4 Digit NAICS Code</b>	3363 – Motor Vehicle Parts Manufacturing	
<b>6 Digit NAICS Code</b>	336350 – Motor Vehicle Transmission and Power Train Parts Manufacturing	

<b>Company Contact Information</b>		
<b>Facility Public Contact</b>	Mr. Nandor Novak	Same as Facility
	Operations Manager	
	<a href="mailto:nandor.novak@linamar.com">nandor.novak@linamar.com</a>	
	Phone: (519) 836-7554 ext. 601 Fax: (519) 836-5353	
<b>Facility Technical Contact:</b>	Mr. Gurinder Rull	Same as Facility
	Systems Coordinator/Environmental Coordinator	
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	Phone: (519) 836-7554 ext. 292 Fax: (519) 836-5353	
<b>Company Coordinator Contact</b>	Mr. Gurinder Rull	Same as Facility
	Systems Coordinator/Environmental Coordinator	
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<b>Person who Prepared the Plan: (if different from the Coordinator)</b>	Sean Williams	Conestoga-Rovers & Associates 651 Colby Dr. Waterloo, ON N2V 1C2
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	Phone: (519) 884-0510 ext. 2219 Fax: (519) 884-0525	
	Sean Williams	
<b>Highest Ranking Employee</b>	Mr. Nandor Novak	Same as Facility
	Operations Manager	
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<b>Planner Information:</b>		
<b>Planner Responsible for Making Recommendations</b>	Erik Martinez	Conestoga-Rovers & Associates Ltd. 651 Colby Drive Waterloo, ON N2V 1C2
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<b>Planner Responsible for Certification</b>	Erik Martinez	Conestoga-Rovers & Associates Ltd. 651 Colby Drive Waterloo, ON N2V 1C2
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	Phone: (519) 884-0510 ext. 2342	

**Toxic Reduction Policy Statement of Intent**

Hastech Manufacturing (Hastech) uses copper in thirty-six (36) processes. The Facility does not intend to reduce the use and transferred quantity of this toxic substance at the Facility. Hastech does not create copper; therefore this plan will not address reducing its creation.

**Reduction Objectives**

Hastech prides itself on technological innovation in order to produce high quality automotive parts in an environmentally responsible manner. Hastech will strive to reduce the use, transfer and release to air of copper 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.

**Description of Facility**

Hastech produces automotive parts from steel forgings. Raw materials (steel parts) are brought to the facility where they are machined into automotive parts, then washed and packaged for shipment. These raw materials contain the compound copper as a constituent material.

The North American Industry Classification System (NAICS) Code that applies to this Facility is 336350 – Motor Vehicle Transmission and Power Train 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 Hastech to reduce the use, disposals or releases of copper.

**Plan Summary Statement**

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

**Certification by Highest Ranking Employee**

Attached.

**Certification by Licensed Planner**

Attached.

**Section 12.0 Plan Certifications**

**CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of December 18, 2014, I, Nandor Novak, 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.

[Copper]


  
\_\_\_\_\_  
Nandor Novak  
Operations Manager  
Hastech Manufacturing

  
\_\_\_\_\_  
Date

**CERTIFICATION BY LICENSED PLANNER**

As of December 18, 2014, I, Erik Martinez, certify that I am familiar with the processes at Hastech 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.

[Copper]

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

December 18, 2014  
\_\_\_\_\_  
Date