

TRA Plan Summary – Phase II Substances

Basic Facility Information

Name & CAS # of Substances	Ethylene Glycol PM-2.5 PM-10 Stoddard Solvent	107-21-1 NA NA 8052-41-3
Facility Identification and Site Address		
Company Name	Hitachi Construction Truck Manufacturing Ltd.	
Facility Name	Hitachi Construction Truck Manufacturing Ltd.	
Facility Address	200 Woodlawn Road West Guelph, ON N1H 1B6	
Spatial Coordination of Facility	557366 m Easterly 4822753 m Northerly	
Number of Employees	459	
NPRI ID	612	
Parent Company (PC) Information		
PC Name & Address	NA	
Percent Ownership for each PC		
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	31-33 – Manufacturing	
4 Digit NAICS Code	3331 – Agricultural, Construction and Mining Machinery Manufacturing	
6 Digit NAICS Code	333120 – Construction Machinery Manufacturing	
Company Contact Information		
Facility Public Contact	Dennis Ferraro	
	Manager Health Safety Environmental	
	Phone: (519) 826-5552	
	dferraro@hitachitruk.com	
Facility Technical Contact:	Dennis Ferraro	Same as facility address
	Manager Health Safety Environmental	
	Phone: (519) 826-5552	
	dferraro@hitachitruk.com	
Person who Prepared the Plan: (if different from the Coordinator)	Mr. Erik Martinez, P. Eng.	Conestoga-Rovers & Associates Limited
	emartinez@craworld.com	651 Colby Drive
	Phone: (519) 884-0510 ext. 2342	Waterloo, ON
	Fax: (519) 884-0525	N2V 1C2
Highest Ranking Employee	Hideo Kitawaki	Same as facility address
	CEO	
	hkitawaki@hitachitruk.com	
	Phone: (519) 826-6535	

Planner Information:		
Planner Responsible for Making Recommendations	Mr. Erik Martinez, P. Eng.	Conestoga-Rovers & Associates Limited
	Environmental Consultant	651 Colby Drive
	Planner License No. TSRP0005	Waterloo, ON
	Phone: (519) 884-0510 ext. 2342	N2V 1C2
	emartinez@craworld.com	Conestoga-Rovers & Associates Limited
Planner Responsible for Certification	Mr. Erik Martinez, P. Eng.	Conestoga-Rovers & Associates Limited
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	emartinez@craworld.com	Conestoga-Rovers & Associates Limited

Toxic Reduction Policy Statement of Intent

Hitachi Construction Truck Manufacturing Ltd. (Hitachi) is committed to playing a leadership role in protecting the environment. Whenever feasible, we will reduce the use and releases of all reportable substances in compliance with all Federal and Provincial Regulations.

Reduction Objectives

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

Description of Facility

The Facility's operations involve the manufacturing of construction trucks and off-highway rigid haulers for mining.

The primary North American Industry Classification System (NAICS) Code that applies to this Facility is 333120 – Construction Machinery Manufacturing.

Toxic Substance Reduction Option to Be Implemented

There were no options identified that can be implemented by Hitachi to reduce the use of stoddard solvent and ethylene glycol or the creation of PM-2.5 and PM-10.

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plans for stoddard solvent, ethylene glycol, PM-2.5 and PM-10.

Certification by Highest Ranking Employee

Attached.

Certification by Licensed Planner

Attached.

Certification by Highest Ranking Employee

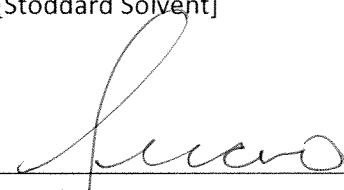
As of December 19, 2013, I, Dennis Ferraro, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

[Ethylene Glycol]

[PM-2.5]

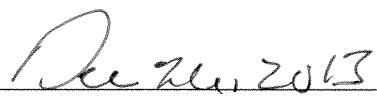
[PM-10]

[Stoddard Solvent]



Dennis Ferraro

Human Resources Labour Relations Manager
Hitachi Construction Truck Manufacturing Ltd.



Date***Certification by Licensed Planner***

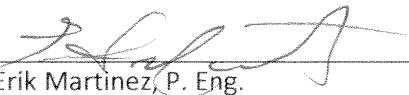
As of December 19, 2013, I, Erik Martinez, certify that I am familiar with the processes at Hitachi Construction Truck Manufacturing Ltd. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv, and v of subsection 4 (1) of the *Toxics Reduction Act, 2009* that are set out in the plan dated December 19, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Ethylene Glycol]

[PM-2.5]

[PM-10]

[Stoddard Solvent]



Erik Martinez, P. Eng.

Conestoga-Rovers & Associates Limited
Toxic Substance Reduction Planner
License #TSRP0005



Date