



**O.Reg. 455/09 Toxic Substance Reduction Plan
Ford Motor Company of Canada - Oakville Assembly Complex**

Substance & CAS No:	Manganese (and its compounds)	7439-96-5	
Other Substances at the Facility for which a Plan has been developed:	See Table 1		
Facility Identification and Site Address			
Company Name	Ford Motor Company of Canada Limited		
Facility Name	Oakville Assembly Complex		
Facility Address	Physical Address	Mailing Address (if different)	
	The Canadian Road	P.O. Box 1300	
	Oakville, ON L6J 5E4	Oakville, ON L6J 5C9	
Spatial Coordinates of Facility	607440 m E, 4815259 m N	<i>Expressed as UTM within NAD</i>	
Number of Employees	4,732		
NPRI ID Number	3419		
Ontario MOE ID Number	6763		
Parent Company Information			
Parent Company Name	Ford Motor Company of Canada Limited		
Parent Company Address	The Canadian Road, Oakville, ON, L6J 5E4		
Percent Ownership	100%		
Parent Company Contact	Blake Smith		
Primary North American Industrial Classification System Code (NAICS)			
	Code	Description	
2-digit NAICS Code	33	Manufacturing	
4-digit NAICS Code	336	Transportation Equipment Manufacturing	
6-digit NAICS Code	336110	Automotive and Light Duty Motor Vehicle Manufacturing	
Company Contact Information			
Facility public contact	Name	Blake Smith	The Canadian Road Oakville, ON L6J 5E4
	Title	Director, EEVS	
	Email	bsmith29@ford.com	
	Telephone #	905-845-2511 x1209	
	Fax #	905-845-5360	
Toxic Substance Reduction Planner Information			
Planner Responsible for Making Recommendations	Name	Julie Wedzinga	Dillon Consulting Limited 1155 North Service Rd W, Unit 14 Oakville, Ontario L6M 3E3
	Company	Dillon Consulting Limited	
	License #	TSRP0050	
	Email	jwedzinga@dillon.ca	
	Telephone #	905-901-2912 x3430	
	Fax #	905-901-2918	
Planner Responsible for Certification	Name	Julie Wedzinga	Dillon Consulting Limited 1155 North Service Rd W, Unit 14 Oakville, Ontario L6M 3E3
	Company	Dillon Consulting Limited	
	License #	TSRP0050	
	Email	jwedzinga@dillon.ca	
	Telephone #	905-901-2912 x3430	
	Fax #	905-901-2918	

Table 1	
Ethylbenzene	PM ₁₀
Ethylene Glycol	PM _{2.5}
Ethylene glycol monobutyl ether	Butane
Isobutyl alcohol	Ethylene glycol monobutyl ether acetate
Isopropanol	Heavy aromatic solvent naphtha
Methyl alcohol	Hexane
Methyl isobutyl ketone	Hydrotreated heavy naphtha
n-Butyl alcohol	Light aromatic solvent naphtha
Sulphuric acid	Methyl ethyl ketone
Toluene	n-Butyl acetate
1,2,4-Trimethylbenzene	n-Heptane
Xylene	Pentane
Zinc (and its compounds)	Solvent naphtha medium aliphatic
NO _x	Tetrahydrofuran
CO	Trimethylbenzene
Asbestos	Acetone
Sodium Nitrite	

**O.Reg. 455/09 Toxic Substance Reduction Plan
Ford Motor Company of Canada - Oakville Assembly Complex**

Plan Summary Statement			
This plan summary accurately reflects the content of the toxic substance reduction plan for manganese, prepared by Oakville Assembly Complex, dated February 12, 2016.			
Statement of Intent			
Oakville Assembly Complex does not intend to implement any options to reduce the use of manganese at the Oakville Assembly Complex. 98% of the manganese used at the facility is in the sheet metal used to form the vehicle bodies. The sheet metal is used based on specifications developed in consideration of safety, quality and durability that are beyond the control of the facility.			
Objective			
While OAC has not identified technically and economically feasible options for the reduction of manganese, the facility will continue to monitor industry standards for sheet metal composition and phosphate pretreatment usage and composition.			
Description of Substance and Use/Creation			
For a description of how, when, where, and why manganese is used/created, including quantifications for accounting and process flow diagrams see "2012 Toxic Substance Accounting for TRA and O. Reg. 455/09", prepared by Dillon Consulting Limited and dated February 2016, located at the Environmental Offices, OAC.			
Options to be Implemented			
As no options were identified as technically and economically feasible, the facility does not intend to implement any options.			
Certifications (s. 19)			
Highest Ranking Employee			
As of February 12, 2016, I, Brent Merritt, 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, with the exception of the regulatory deadline, complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act. In December 2015, an error was discovered in the plant usage data for 2012 affecting the reported TRA substance and regulatory deadline for the associated reduction plan.			
<i>Manganese (and its compounds)</i>			
HRE:		Date:	2/12/2016
Toxic Substance Reduction Planner			
As of February 12, 2016, I, Julie Wedzinga, certify that I am familiar with the processes at Oakville Assembly Complex 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 February 12, 2016 and, with the exception of the regulatory deadline, that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.			
<i>Manganese (and its compounds)</i>			
TSRP:		Date:	Feb 12/2016