

**O.Reg. 455/09 Toxic Substance Reduction Plan Summary**  
**Ford Motor Company of Canada - Essex Engine Plant**

Substance & CAS No:	Copper (and its compounds)	N/A
Other Substances at the Facility for which a Plan has been developed:	Manganese (and its compounds)	N/A
<b>Facility Identification and Site Address</b>		
Company Name	Essex Manufacturing	
Facility Name	Essex Engine Plant	
Facility Address	<b>Physical Address</b>	<b>Mailing Address (if different)</b>
	1 Quality Way Windsor, Ontario N9A 6X3	same as physical address
Spatial Coordinates of Facility	340918 m E, 4684629 m N	<i>Expressed as UTM within NAD</i>
Number of Employees	617	
NPRI ID Number	3886	
Ontario MOE ID Number	-	
<b>Parent Company Information</b>		
Parent Company Name	Ford Motor Company of Canada Limited	
Parent Company Address	100 The Canadian Road, Oakville, ON, L6J 5E4	
Percent Ownership	100%	
Parent Company Contact	Blake Smith	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
	<b>Code</b>	<b>Description</b>
2-digit NAICS Code	33	Manufacturing
4-digit NAICS Code	3363	Motor Vehicle Parts Manufacturing
6-digit NAICS Code	336312	Engines & Parts, Automotive & Truck, Manufacturing
<b>Company Contact Information</b>		
Facility public contact	<b>Name</b>	Blake Smith
	<b>Title</b>	Director EEVS
	<b>Email</b>	<a href="mailto:bsmith29@ford.com">bsmith29@ford.com</a>
	<b>Telephone #</b>	905-845-2511 x.1209
	<b>Fax #</b>	905-845-5360
<b>Toxic Substance Reduction Planner Information</b>		
Planner Responsible for Making Recommendations	<b>Name</b>	Shannon Belleau
	<b>Company</b>	Dillon Consulting Limited
	<b>License #</b>	TSRP0155
	<b>Email</b>	<a href="mailto:sbelleau@dillon.ca">sbelleau@dillon.ca</a>
	<b>Telephone #</b>	519-948-5000 x.3258
	<b>Fax #</b>	519-948-5054
Planner Responsible for Certification	<b>Name</b>	Shannon Belleau
	<b>Company</b>	Dillon Consulting Limited
	<b>License #</b>	TSRP0155
	<b>Email</b>	<a href="mailto:sbelleau@dillon.ca">sbelleau@dillon.ca</a>
	<b>Telephone #</b>	519-948-5000 x.3258
	<b>Fax #</b>	519-948-5054

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<b>Plan Summary Statement</b>
This plan summary accurately reflects the content of the toxic substance reduction plan for Copper (and its compounds), prepared by Essex Engine Plant, dated December 18, 2012.
<b>Statement of Intent</b>
Ford Motor Company of Canada intends to reduce the use of Copper (and its compounds) at the Essex Engine Plant located in Windsor, Ontario by implementing selected reduction options.
<b>Objective</b>
Essex Engine Plant will reduce the use of Copper (and its compounds) by implementing improved operating procedures and training efforts with a goal of improving department specific first time through numbers.
<b>Description of Substance and Use/Creation</b>
For a description of how, when, where and why Copper (and its compounds) is used, including quantifications for accounting and process flow diagrams, see the "2011 Toxic Substance Accounting for TRA & O.Reg. 455/09" Report, prepared by Dillon Consulting Limited, dated October 2012 and located at the Environmental Engineer's desk.

Options to be Implemented											
Option Category	Option Description	Estimated Reductions (tonne/yr and %)									Timeline to Achieve Reductions
		Use	Creation	Release to Air	Release to Water	Release to Land	On-Site Disposal	Off-Site Disposal	Off-Site Recycle	Contained In Product	
7. Training or improved operating practices	Continue to improve operating procedures and associated employee training programs to reduce the volume of scrap and improve "first time through" numbers.	<0.8 tonne/yr	N/A	<0.001 tonne/yr	N/A	N/A	N/A	<0.001 tonne/yr	<0.15 tonne/yr	0 tonne/yr	December-13
		<1%		<1%				<1%	<1%	0	

Notes:  
(1) If no options are to be implemented, a statement and rationale must be provided.

<b>Certifications (s. 18)</b>			
<b>Highest Ranking Employee</b>			
As of December 18, 2012, I, Shaun Whitehead, 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 (and its compounds)			
HRE:	<i>Shaun Whitehead</i>	Date:	<i>12/18/12</i>
<b>Toxic Substance Reduction Planner</b>			
As of December 18, 2012, I, Shannon Belleau, certify that I am familiar with the processes at Essex Engine Plant 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, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.			
Copper (and its compounds)			
TSRP:	<i>Shannon Belleau</i>	Date:	<i>12/18/2012</i>