

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



Substance & CAS No:	Propane	74-98-6	
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	Oakville, ON	
	L6J 5E4	L6J 5C9	
Spatial Coordinates of Facility	607440 m E, 4815259 m N	<i>Expressed as UTM within NAD</i>	
Number of Employees	4990		
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	Patsy Duever	Dillon Consulting Limited 51 Breithaupt Street Kitchener, ON N2H 5G5
	Company	Dillon Consulting Limited	
	License #	TSRP0119	
	Email	pduever@dillon.ca	
	Telephone #	519-571-9833	
	Fax #	519-571-7424	
Planner Responsible for Certification	Name	Patsy Duever	Dillon Consulting Limited 51 Breithaupt Street Kitchener, ON N2H 5G5
	Company	Dillon Consulting Limited	
	License #	TSRP0119	
	Email	pduever@dillon.ca	
	Telephone #	519-571-9833	
	Fax #	519-571-7424	

Table 1	
Di-2-ethylhexyl phthalate	PM ₁₀
Ethylbenzene	PM _{2.5}
Ethylene Glycol	Butane
Ethylene glycol monobutyl ether	Diethylene glycol monobutyl ether
Isobutyl alcohol	Ethylene glycol monobutyl ether acetate
Isopropanol	Heavy aromatic solvent naphtha
Methyl alcohol	Hexane
Methyl isobutyl ketone	Hydrotreated heavy naphtha
Nitric acid	Hydrotreated light distillate
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
	Acetone

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Plan Summary Statement
This plan summary accurately reflects the content of the toxic substance reduction plan for pentane, prepared by Oakville Assembly Complex, dated December 21, 2016.
Statement of Intent
Oakville Assembly Complex intends to reduce the creation of propane by implementing selected reduction options.
Objective
Oakville Assembly Complex will reduce the creation of propane by reducing the use of natural gas in process and heating combustion equipment.
Description of Substance and Use/Creation
For a description of how, when, where, and why propane is created, including quantifications for accounting and process flow diagrams see "2015 Toxic Substance Accounting for TRA and O. Reg. 455/09", prepared by Dillon Consulting Limited and dated June 2016, located at the Environmental Offices, OAC.

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		
3. Equipment or process modification	Close exhaust vents for "winter mode" to reduce heat loss	N/A	<0.02 <2%	<0.02 <2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	May 2018
4. Spill and leak prevention	Continue to identify and fix leaks as they are identified through the Combustion Safety Preventative Maintenance Program	N/A	<0.01 <1%	<0.01 <1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Dec. 2017
7. Training or improved operating practices	Continue to improve weekend "turn down" by identifying further areas that can be turned down or shut-off during weekend hours	N/A	<0.02 <2%	<0.02 <2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Dec. 2017

Certifications (s. 19)			
Highest Ranking Employee			
As of December 21, 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 complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.			
<i>Propane</i>			
HRE:		Date:	December 21, 2016
Toxic Substance Reduction Planner			
As of December 21, 2016, I, Patsy Duever, 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 December 21, 2016 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.			
<i>Propane</i>			
TSRP:		Date:	December 21, 2016