



Toxics Reduction Act – Public Summary Report – 2010 Reporting Year St. Thomas Assembly Plant

A. FACILITY INFORMATION

Address	Highway #4 St. Thomas, Ontario N5P 3W1
NPRI/MOE IDs	NPRI = 3883 MOE = 6767
Primary Operation	Automobile Assembly Plant
NAICS Code	336110 - Automobile and Light Duty Motor Vehicle Manufacturing
Facility Contact	Ms. Lori Cmar Ford Motor Company Environmental Quality Office 290 Town Center Drive Dearborn, Michigan 48123 Phone: (313) 594-1710 Fax: (313) 248-5030 Email: lcmar@ford.com

B. TOXIC SUBSTANCE ACCOUNTING

Substances Included in Phase I that Trigger Reporting

Substance	CAS#
Ethylbenzene	100-41-4
Methyl Alcohol	67-56-1
Sulphuric Acid	7664-93-9
Xylene	1330-20-7
Zinc (and its compounds)	n/a



The Ford St. Thomas Assembly Plant operates as an automotive assembly plant for the production of the Ford Crown Victoria, Mercury Grand Marquis and Lincoln Town Car vehicles. The main facility processes consist of body building, painting and assembly.

Ethylbenzene and xylene are components of the paint formulations and cleaning solvents used at the site. Methyl alcohol is a component of the windshield wash solution added to each vehicle during assembly. Sulphuric acid is used for in the wastewater treatment process for pH stabilization. Zinc (and its compounds) is a component of the sheet metal and sealers used to produce the vehicle body.

Accounting Details

Substance	Accounting Quantities for 2010 (tonnes)		
	Use	Created	Contained in Product
Ethylbenzene	25.26	0	0
Methyl Alcohol	53.24	0	49.91
Sulphuric Acid	21.71	0	0
Xylene	103.0	0	0
Zinc (and its compounds)	1,138	0	1,133

Annual Report Certification Statement

As of June 15, 2011, I certify that I have read the report(s) on the toxic substance reduction plan(s) for Ethylbenzene, Methyl Alcohol, Sulphuric Acid, Xylene and Zinc (and its compounds) and am familiar with its/their contents and to my knowledge the information contained in the report(s) is factually accurate and the report complies/reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

Gareth Ford, Plant Manager

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Toxics Reduction Act – Public Summary Report – 2010 Reporting Year Oakville Assembly Complex

A. FACILITY INFORMATION

Address	The Canadian Road Oakville, Ontario L6J 5C9
NPRI/MOE IDs	NPRI = 3419 MOE = 6763
Primary Operation	Automobile Assembly Plant
NAICS Code	336110 - Automobile and Light Duty Motor Vehicle Manufacturing
Facility Contact	Ms. Lori Cmar Ford Motor Company Environmental Quality Office 290 Town Center Drive Dearborn, Michigan 48123 Phone: (313) 594-1710 Fax: (313) 248-5030 Email: lcmar@ford.com

B. TOXIC SUBSTANCE ACCOUNTING

Substances Included in Phase I that Trigger Reporting

Substance	CAS#
Asbestos	n/a
Ethylbenzene	100-41-4
Methyl Alcohol	67-56-1
Sulphuric Acid	7664-93-9
Toluene	108-88-3
Xylene	1330-20-7
Zinc (and its compounds)	n/a



The Oakville Assembly Complex operates as an automotive assembly plant for the production of the Ford Edge, Ford Flex, Lincoln MKX and Lincoln MKT. The main facility processes consist of body building, painting and assembly.

Asbestos waste was generated from the demolition of the former powerhouse at the site. Ethylbenzene, toluene and xylene are components of the paint formulation and cleaning solvents used at the site. Methyl alcohol is a component of the windshield wash solution added to each vehicle during assembly. Sulphuric acid is used in the wastewater treatment process for pH stabilization. Zinc (and its compounds) is a component of the sheet metal and sealers used to produce the vehicle body.

Accounting Details

Substance	Accounting Quantities for 2010 (tonnes)		
	Use	Created	Contained in Product
Asbestos	138.4	0	0
Ethylbenzene	57.23	0	0
Methyl Alcohol	269.4	0	262.0
Sulphuric Acid	51.75	0	0
Toluene	15.73	0	0
Xylene	233.1	0	0
Zinc (and its compounds)	2,915	0	2,900

Annual Report Certification Statement

As of June 16, 2011, I certify that I have read the report(s) on the toxic substance reduction plan(s) for Asbestos, Ethylbenzene, Methyl Alcohol, Sulphuric Acid, Toluene, Xylene and Zinc (and its compounds) and am familiar with its/their contents and to my knowledge the information contained in the report(s) is factually accurate and the report complies/reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

Dan Jowiski, Plant Manager

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Toxics Reduction Act – Public Summary Report – 2010 Reporting Year Windsor Engine Plant

A. FACILITY INFORMATION

Address	1000 Henry Ford Centre Drive Windsor, Ontario N9A 7E8
NPRI/MOE IDs	NPRI = 4781 MOE = 6401
Primary Operation	Engine Machining and Assembly Plant
NAICS Code	336310 – Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
Facility Contact	Ms. Lori Cmar Ford Motor Company Environmental Quality Office 290 Town Center Drive Dearborn, Michigan 48123 Phone: (313) 594-1710 Fax: (313) 248-5030 Email: lcmar@ford.com

B. TOXIC SUBSTANCE ACCOUNTING

Substances Included in Phase I that Trigger Reporting

Substance	CAS#
Copper (and its compounds)	n/a
Lead (and its compounds)	n/a
Manganese (and its compounds)	n/a
Nickel (and its compounds)	n/a



The Windsor Engine Plant machines and assembles engine components to produce complete automotive engine assemblies, including the 5.4L V8 engine and 6.8L V10 engine. The main facility processes consist of machining, assembly, and engine testing.

Copper (and its compounds), lead (and its compounds), manganese (and its compounds) and nickel (and its compounds) are components of the metal parts that are machined and used to assemble the engines.

Accounting Details

Substance	Accounting Quantities (tonnes)		
	Use	Created	Contained in Product
Copper (and its compounds)	746.5	0	698.7
Lead (and its compounds)	28.02	0	26.50
Manganese (and its compounds)	661.5	0	532.4
Nickel (and its compounds)	142.3	0	130.7

Annual Report Certification Statement

As of June 15, 2011, I certify that I have read the report(s) on the toxic substance reduction plan(s) for Copper (and its compounds), Lead (and its compounds), Manganese (and its compounds) and Nickel (and its compounds) and am familiar with its/their contents and to my knowledge the information contained in the report(s) is factually accurate and the report complies/reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

Shaun Whitehead, Site Operations Manager

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Toxics Reduction Act – Public Summary Report – 2010 Reporting Year Essex Engine Plant

A. FACILITY INFORMATION

Address	1 Quality Way Windsor, Ontario N9A 6X3
NPRI/MOE IDs	NPRI = 3886 MOE = n/a
Primary Operation	Engine Machining and Assembly Plant, Engine Research, Development and Testing
NAICS Code	336312 – Engine and Parts, Automotive and Truck, Manufacturing
Facility Contact	Ms. Lori Cmar Ford Motor Company Environmental Quality Office 290 Town Center Drive Dearborn, Michigan 48123 Phone: (313) 594-1710 Fax: (313) 248-5030 Email: lcmar@ford.com

B. TOXIC SUBSTANCE ACCOUNTING

Substances Included in Phase I that Trigger Reporting

Substance	CAS#
Copper (and its compounds)	n/a
Manganese (and its compounds)	n/a



The Essex Engine Plant machines and assembles engine components to produce complete automotive engine assemblies, including the 5.0L V8 engine. The main facility processes consist of machining, assembly, and engine research, development and testing.

Copper (and its compounds) and manganese (and its compounds) are components of the metal parts that are machined and used to assemble the engines.

Accounting Details

Substance	Accounting Quantities for 2010 (tonnes)		
	Use	Created	Contained in Product
Copper (and its compounds)	61.21	0	55.05
Manganese (and its compounds)	48.64	0	34.31

Annual Report Certification Statement

As of June 15, 2011, I certify that I have read the report(s) on the toxic substance reduction plan(s) for Copper (and its compounds) and Manganese (and its compounds) and am familiar with its/their contents and to my knowledge the information contained in the report(s) is factually accurate and the report complies/reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

Shaun Whitehead, Site Operations Manager

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