Report Preview

Report Details

Report Year	2016
Report Type:	NPRI,ON MOE TRA,ON MOE
Report Status:	Submitted
Modified Date/Time:	05/05/2017 8:34 PM

Company and Facility Details

Company Name:	General Electric Canada Co.
Business Number:	869542407
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 2300 Meadowvale Boulevard City, Province/Territory, Postal Code: Mississauga Ontario L5N5P9 Country: Canada
Facility Name:	Peterborough
NAICS Code:	339990
NPRI ID:	1287
ON Reg 127/01 ID:	6866
Physical Address:	Address Line 1: 107 Park Street City, Province/Territory, Postal Code: Peterborough Ontario K9J7B5 Country: Canada Latitude: 44.29610 Longitude: -78.33000 UTM Zone: 17 UTM Easting: 713202 UTM Northing: 4908412

Parent Companies

Company Name:	General Electric Canada
Business Number:	869542407
Mailing Address:	Address Line 1: 2300 Meadowvale Boulevard City, Province/Territory, Postal Code: Mississauga Ontario L5N5P9 Country: Canada

Permits

Number or Permit Number:	ON0046806
Government Department, Agency, or Program Name:	Ontario MOE - Hazardous Waste Generator Number

Contacts Details

Contact Type	Technical Contact, Certifying Official, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan

Name:	Luis Urbina
Position:	EHS Specialist
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Contact Type	Highest Ranking Employee
Name:	Michael Munro
Position:	Site Leader
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Email:	michael.munro@ge.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 107 Park Street North Avenue North City, Province/Territory, Postal Code: Peterborough Ontario K9J 7B5 Country: Canada

General Information

Number of employees:	390
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	No
Did the facility report under other environmental regulations or permits:	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	Yes
Was the facility shut down for more than one week during the year:	No
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri, Sat, Sun
Usual Number of Operating Hours per day:	24
Usual Daily Start Time (24h) (hh:mm):	07:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
67-64-1	Acetone	0.2420	N/A	N/A	N/A	tonnes
67-63-0	Isopropyl alcohol	1.5510	N/A	N/A	0.1420	tonnes
78-93-3	Methyl ethyl ketone	0.8200	N/A	N/A	0.6710	tonnes
108-10-1	Methyl isobutyl ketone	1.4380	N/A	N/A	0.0160	tonnes
108-10-1	Methyl isobutyl ketone	1.4380	N/A	N/A	0.0160	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	2.7450	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	2.5170	N/A	N/A	N/A	tonnes
100-42-5	Styrene	1.0300	N/A	N/A	N/A	tonnes
108-88-3	Toluene	2.9860	N/A	N/A	4.8690	tonnes
NA - M16	Volatile Organic Compounds (VOCs)	13.7450	9.6816	N/A	N/A	tonnes
1330-20-7	Xylene (all isomers)	1.8560	N/A	N/A	0.0340	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to

					the ON MOE TRA
67-64-1	Acetone		No	No	No
67-63-0	Isopropyl alcohol	Yes	Yes		No
78-93-3	Methyl ethyl ketone	Yes	Yes		No
108-10-1	Methyl isobutyl ketone	Yes	Yes		No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Yes	Yes		No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Yes	Yes		No
100-42-5	Styrene	Yes	Yes		Yes
108-88-3	Toluene	Yes	Yes		No
NA - M16	Volatile Organic Compounds (VOCs)	Yes	No		No
1330-20-7	Xylene (all isomers)	Yes	Yes		No

General Information about the Substance - Releases and Transfers of the Substance

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
67-64-1	Acetone	Yes	No	No
67-63-0	Isopropyl alcohol	Yes	No	No
78-93-3	Methyl ethyl ketone	Yes	Yes	No
108-10-1	Methyl isobutyl ketone	Yes	No	No
100-42-5	Styrene	Yes	No	No
108-88-3	Toluene	Yes	No	No
NA - M16	Volatile Organic Compounds (VOCs)		No	Yes
1330-20-7	Xylene (all isomers)	Yes	No	No

General Information about the Substance - Disposals and Off-site Transfers for Recycling

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
67-64-1	Acetone	No	No	Yes
67-63-0	Isopropyl alcohol	No	No	Yes
78-93-3	Methyl ethyl ketone	No	No	Yes
108-10-1	Methyl isobutyl ketone	No	No	Yes
100-42-5	Styrene	No	No	No
108-88-3	Toluene	No	No	Yes
NA - M16	Volatile Organic Compounds (VOCs)			
1330-20-7	Xylene (all isomers)	No	No	Yes

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
67-64-1	Acetone			As a manufacturing aid
67-63-0	Isopropyl alcohol			As a physical or chemical processing aid
78-93-3	Methyl ethyl ketone			As a physical or chemical processing aid
108-10-1	Methyl isobutyl ketone			As a manufacturing aid
100-42-5	Styrene			As a manufacturing aid
108-88-3	Toluene			As a manufacturing aid
NA - M16	Volatile Organic Compounds (VOCs)			
1330-20-7	Xylene (all isomers)			As a manufacturing aid

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
67-64-1	Acetone	Use	0.45 tonnes	Yes
67-64-1	Acetone	Creation	0 tonnes	Yes
67-64-1	Acetone	Contained		
67-63-0	Isopropyl alcohol	Use	1.693 tonnes	Yes
67-63-0	Isopropyl alcohol	Creation	0 tonnes	Yes
67-63-0	Isopropyl alcohol	Contained	0 tonnes	Yes

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
78-93-3	Methyl ethyl ketone	Use	1.491 tonnes	Yes
78-93-3	Methyl ethyl ketone	Creation	0 tonnes	Yes
78-93-3	Methyl ethyl ketone	Contained	0 tonnes	Yes
108-10-1	Methyl isobutyl ketone	Use	1.453 tonnes	Yes
108-10-1	Methyl isobutyl ketone	Creation	0 tonnes	Yes
108-10-1	Methyl isobutyl ketone	Contained	0 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	2.745 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Contained		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Use	0 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Creation	2.517 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained		
100-42-5	Styrene	Use	1.030 tonnes	Yes
100-42-5	Styrene	Creation	0 tonnes	Yes
100-42-5	Styrene	Contained	0 tonnes	Yes
108-88-3	Toluene	Use	7.854 tonnes	Yes
108-88-3	Toluene	Creation	0 tonnes	Yes
108-88-3	Toluene	Contained	0 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Use	18.384 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Contained		
1330-20-7	Xylene (all isomers)	Use	1.877 tonnes	Yes
1330-20-7	Xylene (all isomers)	Creation	0 tonnes	Yes
1330-20-7	Xylene (all isomers)	Contained	0 tonnes	Yes

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained	Quantity
67-63-0	Isopropyl alcohol	Use	1.6931 tonnes
67-63-0	Isopropyl alcohol	Creation	0 tonnes
78-93-3	Methyl ethyl ketone	Use	1.4913 tonnes
78-93-3	Methyl ethyl ketone	Creation	0 tonnes
108-10-1	Methyl isobutyl ketone	Use	1.4539 tonnes
108-10-1	Methyl isobutyl ketone	Creation	0 tonnes
100-42-5	Styrene	Use	1.0306 tonnes
100-42-5	Styrene	Creation	0 tonnes
108-88-3	Toluene	Use	7.8546 tonnes
108-88-3	Toluene	Creation	0 tonnes
1330-20-7	Xylene (all isomers)	Use	1.8779 tonnes
1330-20-7	Xylene (all isomers)	Creation	0 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained	Quantity
Use	15.4014 tonnes
Creation	0 tonnes

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Incidents out of the normal course of events	Significant Process Change
67-64-1	Acetone					No
67-63-0	Isopropyl alcohol					No
78-93-3	Methyl ethyl ketone					No
108-10-1	Methyl isobutyl ketone					No
NA - M09	PM10 - Particulate Matter <= 10 Microns					No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns					No
100-42-5	Styrene					No
108-88-3	Toluene					No

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Incidents out of the normal course of events	Significant Process Change
NA - M16	Volatile Organic Compounds (VOCs)					No
1330-20-7	Xylene (all isomers)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
67-64-1	Acetone	Fugitive Releases	C - Mass Balance		0.242 tonnes
67-63-0	Isopropyl alcohol	Fugitive Releases	C - Mass Balance		1.551 tonnes
108-10-1	Methyl isobutyl ketone	Fugitive Releases	C - Mass Balance		1.438 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	E1 - Site Specific Emission Factors		2.745 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	E1 - Site Specific Emission Factors		2.517 tonnes
100-42-5	Styrene	Fugitive Releases	C - Mass Balance		1.030 tonnes
108-88-3	Toluene	Fugitive Releases	C - Mass Balance		2.986 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	E1 - Site Specific Emission Factors		0.405 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Fugitive Releases	C - Mass Balance		13.340 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		13.745 tonnes
1330-20-7	Xylene (all isomers)	Fugitive Releases	C - Mass Balance		1.856 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
67-64-1	Acetone	0.242 tonnes
67-63-0	Isopropyl alcohol	1.551 tonnes
108-10-1	Methyl isobutyl ketone	1.438 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	2.745 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	2.517 tonnes
100-42-5	Styrene	1.030 tonnes
108-88-3	Toluene	2.986 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	13.745 tonnes
1330-20-7	Xylene (all isomers)	1.856 tonnes

On-site Releases - Releases to air - VOC Breakdown List

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	67-63-0	Isopropyl alcohol	1.551 tonnes
Other Sources - Speciated VOCs	78-93-3	Methyl ethyl ketone	0.820 tonnes
Other Sources - Speciated VOCs	108-10-1	Methyl isobutyl ketone	1.438 tonnes
Other Sources - Speciated VOCs	100-42-5	Styrene	1.0306 tonnes
Other Sources - Speciated VOCs	108-88-3	Toluene	2.986 tonnes
Other Sources - Speciated VOCs	1330-20-7	Xylene (all isomers)	1.856 tonnes

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
78-93-3	Methyl ethyl ketone	Total Quantity Released	C - Mass Balance		0.820 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
67-63-0	Isopropyl alcohol	1.551 tonnes
108-10-1	Methyl isobutyl ketone	1.438 tonnes
100-42-5	Styrene	1.030 tonnes
108-88-3	Toluene	2.986 tonnes
1330-20-7	Xylene (all isomers)	1.856 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
67-63-0	Isopropyl alcohol	25	25	25	25
78-93-3	Methyl ethyl ketone	25	25	25	25
108-10-1	Methyl isobutyl ketone	25	25	25	25
100-42-5	Styrene	25	25	25	25
108-88-3	Toluene	25	25	25	25

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
1330-20-7	Xylene (all isomers)	25	25	25	25

On-site Releases - Monthly Breakdown of Annual Releases

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
NA - M09	PM10 - Particulate Matter <= 10 Microns	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
NA - M16	Volatile Organic Compounds (VOCs)	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34

On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
100-42-5	Styrene	Changes in estimation methods	
108-10-1	Methyl isobutyl ketone	Changes in production levels	
108-88-3	Toluene	Changes in production levels	
1330-20-7	Xylene (all isomers)	Changes in production levels	
67-63-0	Isopropyl alcohol	Changes in production levels	
78-93-3	Methyl ethyl ketone	Changes in production levels	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Changes in production levels	More hours of operation of equipment
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Changes in production levels	Increase in number of ours operation equipment
NA - M16	Volatile Organic Compounds (VOCs)	Changes in production levels	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
100-42-5	Styrene		No significant change (i.e. < 10%) or no change	
108-10-1	Methyl isobutyl ketone		Changes in production levels	
108-88-3	Toluene		No significant change (i.e. < 10%) or no change	
1330-20-7	Xylene (all isomers)		No significant change (i.e. < 10%) or no change	
67-63-0	Isopropyl alcohol		No significant change (i.e. < 10%) or no change	
78-93-3	Methyl ethyl ketone		No significant change (i.e. < 10%) or no change	

Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
67-63-0	Isopropyl alcohol	Recovery of Solvents	C - Mass Balance		0.142 tonnes
78-93-3	Methyl ethyl ketone	Recovery of Solvents	C - Mass Balance		0.671 tonnes
108-10-1	Methyl isobutyl ketone	Recovery of Solvents	C - Mass Balance		0.016 tonnes
108-88-3	Toluene	Recovery of Solvents	C - Mass Balance		4.869 tonnes
1330-20-7	Xylene (all isomers)	Recovery of Solvents	C - Mass Balance		0.034 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
67-63-0	Isopropyl alcohol	0.142 tonnes
78-93-3	Methyl ethyl ketone	0.671 tonnes
108-10-1	Methyl isobutyl ketone	0.016 tonnes
108-88-3	Toluene	4.869 tonnes
1330-20-7	Xylene (all isomers)	0.034 tonnes

Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
108-10-1	Methyl isobutyl ketone	Recovery of Solvents	GFL Environmental Inc.	1070 Troy Avenue, Pickering, ON, Canada	0.016 tonnes
108-88-3	Toluene	Recovery of Solvents	GFL Environmental Inc.	1070 Troy Avenue, Pickering, ON, Canada	4.869 tonnes

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
1330-20-7	Xylene (all isomers)	Recovery of Solvents	GFL Environmental Inc.	1070 Troy Avenue, Pickering, ON, Canada	0.034 tonnes
67-63-0	Isopropyl alcohol	Recovery of Solvents	GFL Environmental Inc.	1070 Troy Avenue, Pickering, ON, Canada	0.142 tonnes
78-93-3	Methyl ethyl ketone	Recovery of Solvents	GFL Environmental Inc.	1070 Troy Avenue, Pickering, ON, Canada	0.671 tonnes

Recycling - Off-site Transfers for Recycling - Dioxins and Furans Breakdown List By Facility

Category	CAS RN	Substance Name	Off-site Name	Quantity

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
100-42-5	Styrene		No significant change (i.e. < 10%) or no change	
108-10-1	Methyl isobutyl ketone	Production Residues	Changes in production levels	
108-88-3	Toluene	Production Residues	Changes in production levels	
1330-20-7	Xylene (all isomers)	Production Residues	Changes in production levels	
67-63-0	Isopropyl alcohol	Production Residues	Changes in production levels	
78-93-3	Methyl ethyl ketone	Production Residues	Changes in production levels	

Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-64-1	Acetone	No	Enters the facility (Use)	0.45 tonnes	3.564 tonnes	2014	-3.114	-87.37
67-64-1	Acetone	No	Creation	0 tonnes	0 tonnes	2014	0	
67-63-0	Isopropyl alcohol	No	Enters the facility (Use)	1.693 tonnes	2.120 tonnes	2015	-0.427	-20.14
67-63-0	Isopropyl alcohol	No	Creation	0 tonnes	0 tonnes	2015	0	
67-63-0	Isopropyl alcohol	No	Contained	0 tonnes	0 tonnes	2015	0	
67-63-0	Isopropyl alcohol	Yes	Enters the facility (Use)	1.6931 tonnes	2.120 tonnes	2015	-0.4269	-20.14
67-63-0	Isopropyl alcohol	Yes	Creation	0 tonnes	0 tonnes	2015	0	
78-93-3	Methyl ethyl ketone	No	Enters the facility (Use)	1.491 tonnes	1.888 tonnes	2015	-0.397	-21.03
78-93-3	Methyl ethyl ketone	No	Creation	0 tonnes	0 tonnes	2015	0	
78-93-3	Methyl ethyl ketone	No	Contained	0 tonnes	0 tonnes	2015	0	
78-93-3	Methyl ethyl ketone	Yes	Enters the facility (Use)	1.4913 tonnes	1.888 tonnes	2015	-0.3967	-21.01
78-93-3	Methyl ethyl ketone	Yes	Creation	0 tonnes	0 tonnes	2015	0	
108-10-1	Methyl isobutyl ketone	No	Enters the facility (Use)	1.453 tonnes	2.829 tonnes	2015	-1.376	-48.64
108-10-1	Methyl isobutyl ketone	No	Creation	0 tonnes	0 tonnes	2015	0	
108-10-1	Methyl isobutyl ketone	No	Contained	0 tonnes	0 tonnes	2015	0	
108-10-1	Methyl isobutyl ketone	Yes	Enters the facility (Use)	1.4539 tonnes	2.829 tonnes	2015	-1.3751	-48.61
108-10-1	Methyl isobutyl ketone	Yes	Creation	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	2.745 tonnes	2.487 tonnes	2015	0.258	10.37
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	2.517 tonnes	2.265 tonnes	2015	0.252	11.13
108-88-3	Toluene	No	Enters the facility (Use)	7.854 tonnes	7.447 tonnes	2015	0.407	5.47
108-88-3	Toluene	No	Creation	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	No	Contained	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	Yes	Enters the facility (Use)	7.8546 tonnes	7.447 tonnes	2015	0.4076	5.47
108-88-3	Toluene	Yes	Creation	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	No	Enters the facility (Use)	1.877 tonnes	1.804 tonnes	2015	0.073	4.05
1330-20-7	Xylene (all isomers)	No	Creation	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	No	Contained	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	Yes	Enters the facility (Use)	1.8779 tonnes	1.804 tonnes	2015	0.0739	4.10
1330-20-7	Xylene (all isomers)	Yes	Creation	0 tonnes	0 tonnes	2015	0	

Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
67-64-1	Acetone	Implementation of actions outside of toxics reduction plan	
67-63-0	Isopropyl alcohol	Implementation of actions outside of toxics reduction plan	
78-93-3	Methyl ethyl ketone	Implementation of actions outside of toxics reduction plan	
108-10-1	Methyl isobutyl ketone	Implementation of actions outside of toxics reduction plan	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Increase in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Increase in production levels	
108-88-3	Toluene	Increase in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	Increase in production levels Implementation of actions outside of toxics reduction plan	
1330-20-7	Xylene (all isomers)	Increase in production levels	

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-64-1	Acetone	No	Total Releases to Air	0.242 tonnes	2.758 tonnes	2014	-2.516	-91.23
67-64-1	Acetone	No	Total Releases to Water	0 tonnes	0 tonnes	2014	0	
67-64-1	Acetone	No	Total Releases to Land	0 tonnes	0 tonnes	2014	0	
67-64-1	Acetone	No	Total Releases to All Media	0 tonnes				
67-63-0	Isopropyl alcohol	No	Total Releases to Air	1.551 tonnes	1.618 tonnes	2015	-0.067	-4.14
67-63-0	Isopropyl alcohol	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
67-63-0	Isopropyl alcohol	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
67-63-0	Isopropyl alcohol	No	Total Releases to All Media	0 tonnes				
67-63-0	Isopropyl alcohol	Yes	Total Releases to Air	1.551 tonnes	1.618 tonnes	2015	-0.067	-4.14
78-93-3	Methyl ethyl ketone	No	Total Releases to Air	0 tonnes				
78-93-3	Methyl ethyl ketone	No	Total Releases to Water	0 tonnes				
78-93-3	Methyl ethyl ketone	No	Total Releases to Land	0 tonnes				
78-93-3	Methyl ethyl ketone	No	Total Releases to All Media	0.820 tonnes	1.431 tonnes	2015	-0.611	-42.70
78-93-3	Methyl ethyl ketone	Yes	Total Releases to Air	0.820 tonnes	1.431 tonnes	2015	-0.611	-42.70
108-10-1	Methyl isobutyl ketone	No	Total Releases to Air	1.438 tonnes	0.888 tonnes	2015	0.550	61.94
108-10-1	Methyl isobutyl ketone	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
108-10-1	Methyl isobutyl ketone	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
108-10-1	Methyl isobutyl ketone	No	Total Releases to All Media	0 tonnes				
108-10-1	Methyl isobutyl ketone	Yes	Total Releases to Air	1.438 tonnes	0.888 tonnes	2015	0.550	61.94
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	2.745 tonnes	2.487 tonnes	2015	0.258	10.37
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Air	2.517 tonnes	2.265 tonnes	2015	0.252	11.13
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	No	Total Releases to Air	2.986 tonnes	6.059 tonnes	2015	-3.073	-50.72

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
108-88-3	Toluene	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	No	Total Releases to All Media	0 tonnes				
108-88-3	Toluene	Yes	Total Releases to Air	2.986 tonnes	6.059 tonnes	2015	-3.073	-50.72
1330-20-7	Xylene (all isomers)	No	Total Releases to Air	1.856 tonnes	0.066 tonnes	2015	1.790	2712.12
1330-20-7	Xylene (all isomers)	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	No	Total Releases to All Media	0 tonnes				
1330-20-7	Xylene (all isomers)	Yes	Total Releases to Air	1.856 tonnes	0.066 tonnes	2015	1.790	2712.12

Comparison Report - On-site Releases - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
67-64-1	Acetone	Implementation of actions outside of toxics reduction plan	
67-63-0	Isopropyl alcohol	Implementation of actions outside of toxics reduction plan	
78-93-3	Methyl ethyl ketone	Increase in production levels	
108-10-1	Methyl isobutyl ketone	Increase in production levels	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Increase in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Increase in production levels	
108-88-3	Toluene	Implementation of actions outside of toxics reduction plan	
NA - M16	Volatile Organic Compounds (VOCs)	Increase in production levels Implementation of actions outside of toxics reduction plan	
1330-20-7	Xylene (all isomers)	Increase in production levels	

Comparison Report - Transfers off-site for Recycling

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-64-1	Acetone	No	Total off-site Transfers for Recycling	0 tonnes	0.806 tonnes	2014	-0.806	-100
67-63-0	Isopropyl alcohol	No	Total off-site Transfers for Recycling	0.142 tonnes	0.502 tonnes	2015	-0.360	-71.71
78-93-3	Methyl ethyl ketone	No	Total off-site Transfers for Recycling	0.671 tonnes	0.457 tonnes	2015	0.214	46.83
108-10-1	Methyl isobutyl ketone	No	Total off-site Transfers for Recycling	0.016 tonnes	1.941 tonnes	2015	-1.925	-99.18
108-88-3	Toluene	No	Total off-site Transfers for Recycling	4.869 tonnes	1.388 tonnes	2015	3.481	250.79
1330-20-7	Xylene (all isomers)	No	Total off-site Transfers for Recycling	0.034 tonnes	1.241 tonnes	2015	-1.207	-97.26

Comparison Report - Transfers off-site for Recycling - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
67-64-1	Acetone	Implementation of actions outside of toxics reduction plan	
67-63-0	Isopropyl alcohol	Implementation of actions outside of toxics reduction plan	
78-93-3	Methyl ethyl ketone	Increase in production levels	
108-10-1	Methyl isobutyl ketone	Implementation of actions outside of toxics reduction plan	
108-88-3	Toluene	Increase in production levels	
1330-20-7	Xylene (all isomers)	Implementation of actions outside of toxics reduction plan	

Pollution Prevention

Does the facility have a documented pollution prevention plan?	No
Did the facility complete any pollution prevention activities in the current NPRI reporting year	No

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
67-64-1	Acetone	GE prides itself on technological innovation in order to produce high quality electric motors in an environmentally responsible manner. Through this plan, GE determined the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time.
67-63-0	Isopropyl alcohol	GE prides itself on technological innovation in order to produce high quality electric motors in an environmentally responsible manner. Through this plan, GE determined the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time.
78-93-3	Methyl ethyl ketone	GE prides itself on technological innovation in order to produce high quality electric motors in an environmentally responsible manner. Through this plan, GE determined the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time.
108-10-1	Methyl isobutyl ketone	GE prides itself on technological innovation in order to produce high quality electric motors in an environmentally responsible manner. Through this plan, GE determined the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time.
NA - M09	PM10 - Particulate Matter <= 10 Microns	GE prides itself on technological innovation in order to produce high quality electric motors in an environmentally responsible manner. Through this plan, GE determined the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	GE prides itself on technological innovation in order to produce high quality electric motors in an environmentally responsible manner. Through this plan, GE determined the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time.
108-88-3	Toluene	GE prides itself on technological innovation in order to produce high quality electric motors in an environmentally responsible manner. Through this plan, GE determined the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
1330-20-7	Xylene (all isomers)	GE prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. GE will strive to reduce the use of xylene at the Facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
67-64-1	Acetone	No quantity target	No timeline target	
67-63-0	Isopropyl alcohol	No quantity target	No timeline target	
78-93-3	Methyl ethyl ketone	No quantity target	No timeline target	
108-10-1	Methyl isobutyl ketone	No quantity target	No timeline target	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No quantity target	No timeline target	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No quantity target	No timeline target	
108-88-3	Toluene	0.18 tonnes	1	-Pilot test equipment using current spare -Select a supplier and purchase Spray Gun - Install equipment in Building 14
1330-20-7	Xylene (all isomers)	0.03 tonnes	1	-Pilot test equipment using current spare -Select a supplier and purchase Spray Gun - Install equipment in Building 14

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
67-64-1	Acetone	No quantity target	No timeline target	
67-63-0	Isopropyl alcohol	No quantity target	No timeline target	
78-93-3	Methyl ethyl ketone	No quantity target	No timeline target	
108-10-1	Methyl isobutyl ketone	No quantity target	No timeline target	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No quantity target	No timeline target	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No quantity target	No timeline target	
108-88-3	Toluene	No quantity target	No timeline target	
1330-20-7	Xylene (all isomers)	No quantity target	No timeline target	

Progress on TRA Plan - Toxic Reduction Options Implemented

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
108-88-3	Toluene	Modified spray systems or equipment	No further evaluation was made on this option during the reporting year.	No further evaluation was made on this option during the reporting year.	No further evaluation was made on this option during the reporting year.	No further evaluation was made on this option during the reporting year.
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	No further evaluation was made on this option during the reporting year.	No further evaluation was made on this option during the reporting year.	No further evaluation was made on this option during the reporting year.	No further evaluation was made on this option during the reporting year.

Progress on TRA Plan - Reductions due to Options Implemented - Equipment or process modifications

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the steps described:	No Amount
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
108-88-3	Toluene	Modified spray systems or equipment	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the steps described:	No Amount

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
67-64-1	Acetone	No		
67-63-0	Isopropyl alcohol	No		
78-93-3	Methyl ethyl ketone	No		
108-10-1	Methyl isobutyl ketone	No		
NA - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No		
108-88-3	Toluene	No		
1330-20-7	Xylene (all isomers)	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
67-64-1	Acetone	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
67-64-1	Acetone	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
108-10-1	Methyl isobutyl ketone	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
108-88-3	Toluene	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in **use** of the substance at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in **creation** of the substance at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in the substance **contained in product** at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in **release to air** of the substance at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in **release to water** of the substance at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in **release to land** of the substance at the facility during the reporting period that resulted due to additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in the substance **disposed on-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in the substance **disposed off-site** (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in the substance **recycled off-site** at the facility during the reporting period that resulted due to the additional actions.	

Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
67-64-1	Acetone	No		
67-63-0	Isopropyl alcohol	No		
78-93-3	Methyl ethyl ketone	No		
108-10-1	Methyl isobutyl ketone	No		
NA - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No		
108-88-3	Toluene	No		
1330-20-7	Xylene (all isomers)	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

General Electric Canada Co.

Certifying Official (or authorized delegate)

Luis Urbina

Report Submitted by

Luis Urbina

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 05/05/2017, I, Michael Munro, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

TRA Substance List

CAS RN	Substance Name
67-64-1	Acetone
67-63-0	Isopropyl alcohol
78-93-3	Methyl ethyl ketone
108-10-1	Methyl isobutyl ketone
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
100-42-5	Styrene
108-88-3	Toluene
1330-20-7	Xylene (all isomers)

Company Name

General Electric Canada Co.

Highest Ranking Employee

Michael Munro

Report Submitted by

Luis Urbina

Website address

http://www.ge.com/ca/en/about-us/GE-in-Canada

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2016	05/05/2017	Peterborough	Ontario	Peterborough	NPRI,ON MOE TRA,ON MOE

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.

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