Report Preview

Report Details

Report Year	2015
Report Type:	NPRI,ON MOE TRA,ON MOE
Report Status:	Submitted
Modified Date/Time:	25/05/2016 3:32 PM

Company and Facility Details

Company Name:	General Electric Canada Co.
Business Number:	869542407
Mailing Address:	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: 713209 UTM Northing: 4908337

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
Name:	Luis Urbina

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Email:	mike.leonard@ge.com
Mailing Address:	Address Line 1: 107 Park Street North City, Province/Territory, Postal Code: Peterborough Ontario K9J 7B5 Country: Canada

General Information

Number of employees:	523
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:	Yes
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	N/A	N/A	N/A	N/A	tonnes
NA - 06	Copper (and its compounds)	N/A	N/A	N/A	N/A	tonnes
NA - 09	Manganese (and its compounds)	N/A	N/A	N/A	N/A	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	2.4870	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	2.2650	N/A	N/A	N/A	tonnes
NA - M16	Volatile Organic Compounds (VOCs)	15.2090	10.0620	N/A	N/A	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
NA - 06	Copper (and its compounds)	No	No		No
NA - 09	Manganese (and its compounds)	No	No		No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Yes	Yes		No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Yes	Yes		No
NA - M16	Volatile Organic Compounds (VOCs)	Yes	Yes		No

Applicable Programs - Comments

CAS RN	Substance Name	Comments
67-64-1	Acetone	Reduced product consumption
NA - 06	Copper (and its compounds)	Below reportable threshold. Due care recycling criteria meet for 2015.
NA - 09	Manganese (and its compounds)	Below reportable threshold. Due care recycling criteria meet for 2015.

TRA Exit Record

CAS RN	Substance Name	Circumstance(s) that apply	Describe the circumstances that lead to the criteria no longer being met	Describe the information and any quantifications relied upon for making the determination
67-64-1	Acetone	The substance did not meet the criteria to provide information to NPRI Acetone did not meet the criteria to provide information under O. Reg 127/01	Reduced product consumption	2015 consumption is of 325 kg/year
NA - 06	Copper (and its compounds)	The substance did not meet the criteria to provide information to NPRI	Below reportable threshold. Due care recycling criteria met for 2015.	External waste audit report showed no metal waste. All metals are recycled.
NA - 09	Manganese (and its compounds)	The substance did not meet the criteria to provide information to NPRI	Below reportable threshold. Due care recycling criteria meet for 2015.	External waste audit report showed no metal waste. All metals are recycled.

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
NA - 06	Copper (and its compounds)	No	No	No
NA - 09	Manganese (and its compounds)	No	No	No
NA - M16	Volatile Organic Compounds (VOCs)		No	Yes

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
NA - 06	Copper (and its compounds)	No	No	No
NA - 09	Manganese (and its compounds)	No	No	No
NA - M16	Volatile Organic Compounds (VOCs)			

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - 06	Copper (and its compounds)		As a formulation component	
NA - 09	Manganese (and its compounds)		As a formulation component	
NA - M16	Volatile Organic Compounds (VOCs)			

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	2.487 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	2.265 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained		
NA - M16	Volatile Organic Compounds (VOCs)	Use	31.600 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Contained		

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained	Quantity
67-63-0	Isopropyl alcohol	Use	2.120 tonnes
67-63-0	Isopropyl alcohol	Creation	0 tonnes

CAS RN	Substance Name	Use, Creation, Contained	Quantity
78-93-3	Methyl ethyl ketone	Use	1.888 tonnes
78-93-3	Methyl ethyl ketone	Creation	0 tonnes
108-10-1	Methyl isobutyl ketone	Use	2.829 tonnes
108-10-1	Methyl isobutyl ketone	Creation	0 tonnes
108-88-3	Toluene	Use	7.447 tonnes
108-88-3	Toluene	Creation	0 tonnes
1330-20-7	Xylene (all isomers)	Use	1.804 tonnes
1330-20-7	Xylene (all isomers)	Creation	0 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained	Quantity
Use	16.088 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
NA - M09	PM10 - Particulate Matter <= 10 Microns					No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns					No
NA - M16	Volatile Organic Compounds (VOCs)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	E1 - Site Specific Emission Factors		2.487 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	E1 - Site Specific Emission Factors		2.265 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	E1 - Site Specific Emission Factors		0.478 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Fugitive Releases	C - Mass Balance		14.731 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		15.209 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - M09	PM10 - Particulate Matter <= 10 Microns	2.487 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	2.265 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	15.209 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	1.618 tonnes
Other Sources - Speciated VOCs	78-93-3	Methyl ethyl ketone	1.431 tonnes
Other Sources - Speciated VOCs	108-10-1	Methyl isobutyl ketone	0.888 tonnes
Other Sources - Speciated VOCs	108-88-3	Toluene	6.059 tonnes
Other Sources - Speciated VOCs	1330-20-7	Xylene (all isomers)	0.066 tonnes

On-site Releases - Total

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	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
	(VOCs)												

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)
NA - 06	Copper (and its compounds)	Pollution prevention activities Changes in off-site transfers for disposal	Below reportable threshold. Due care recycling criteria meet for 2015.
NA - 09	Manganese (and its compounds)	Pollution prevention activities Changes in off-site transfers for disposal	Below reportable threshold. Due care recycling criteria meet for 2015.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other (specify in On-site Releases comment field)	Emission sources reduced.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Pollution prevention activities Other (specify in On-site Releases comment field)	Reduction of emission sources.
NA - M16	Volatile Organic Compounds (VOCs)	Changes in production levels Pollution prevention activities Other (specify in On-site Releases comment field)	Reduction on VOC product consumption.

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
NA - 06	Copper (and its compounds)		Pollution prevention activities	
NA - 09	Manganese (and its compounds)		Pollution prevention activities	Below reportable threshold. Due care recycling criteria meet for 2015.

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 06	Copper (and its compounds)		Pollution prevention activities	
NA - 09	Manganese (and its compounds)		Pollution prevention activities Other (specify in recycling comments field)	Below reportable threshold. Due care recycling criteria meet for 2015.

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
67-63-0	Isopropyl alcohol	Yes	Enters the facility (Use)	2.120 tonnes	2.131 tonnes	2014	-0.011	-0.52
67-63-0	Isopropyl alcohol	Yes	Creation	0 tonnes	0 tonnes	2014	0	
108-10-1	Methyl isobutyl ketone	Yes	Enters the facility (Use)	2.829 tonnes	2.121 tonnes	2014	0.708	33.38
108-10-1	Methyl isobutyl ketone	Yes	Creation	0 tonnes	0 tonnes	2014	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2014	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	2.487 tonnes	3.209 tonnes	2014	-0.722	-22.50
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2014	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	2.265 tonnes	2.986 tonnes	2014	-0.721	-24.15
108-88-3	Toluene	Yes	Enters the facility (Use)	7.447 tonnes	5.213 tonnes	2014	2.234	42.85
108-88-3	Toluene	Yes	Creation	0 tonnes	0 tonnes	2014	0	
1330-20-7	Xylene (all isomers)	Yes	Enters the facility (Use)	1.804 tonnes	2.959 tonnes	2014	-1.155	-39.03
1330-20-7	Xylene (all isomers)	Yes	Creation	0 tonnes	0 tonnes	2014	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	Emission sources reduced.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	Emission sources reduced.
NA - M16	Volatile Organic Compounds (VOCs)	Other	Reduction of consumption of products with VOC

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-63-0	Isopropyl alcohol	Yes	Total Releases to Air	1.618 tonnes	1.260 tonnes	2014	0.358	28.41
108-10-1	Methyl isobutyl ketone	Yes	Total Releases to Air	0.888 tonnes	1.292 tonnes	2014	-0.404	-31.27
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	2.487 tonnes	3.209 tonnes	2014	-0.722	-22.50
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2014	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2014	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2014	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Air	2.265 tonnes	2.986 tonnes	2014	-0.721	-24.15
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2014	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2014	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2014	0	
108-88-3	Toluene	Yes	Total Releases to Air	6.059 tonnes	3.260 tonnes	2014	2.799	85.86
1330-20-7	Xylene (all isomers)	Yes	Total Releases to Air	0.066 tonnes	2.256 tonnes	2014	-2.190	-97.07

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	Emission sources reduced.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	Emission sources reduced.
NA - M16	Volatile Organic Compounds (VOCs)	Other	Change in the consumption of products.

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
67-63-0	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.
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
67-63-0	Isopropyl alcohol	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	

CAS RN	Substance Name	Quantity	Years	Description of 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
67-63-0	Isopropyl alcohol	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	None for 2015	None for 2015	None for 2015	None for 2015
1330-20-7	Xylene (all isomers)	Modified spray systems or equipment	None for 2015	None for 2015	None for 2015	None for 2015

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:	1.8 tonnes
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

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
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
67-63-0	Isopropyl alcohol	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
67-63-0	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.	
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.	
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.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
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
67-63-0	Isopropyl alcohol	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 25/05/2016, I, Leonard Mike, 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
67-63-0	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
108-88-3	Toluene
1330-20-7	Xylene (all isomers)

Exit Record Certification Statement

As of 25/05/2016, I Leonard Mike, certify that I have read the records created for the purposes of section 11.2 of Ontario Regulation 455/09 (General) made under the Toxics Reductions Act, (2009) in respect of the use and creation of the toxic substances refered to below at Peterborough and am familiar with their contents and to my knowledge they are factually accurate.

TRA Exit Record Substances

CAS RN	Substance Name
67-64-1	Acetone
NA - 06	Copper (and its compounds)
NA - 09	Manganese (and its compounds)

Company Name

General Electric Canada Co.

Highest Ranking Employee

Leonard Mike

Report Submitted by

Luis Urbina

Website address

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
2015	25/05/2016	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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