



2015 Reporting Year Annual Toxic Reduction Public Report

Reporting Under Toxics Reduction Act, 2009 and O. Reg. 455/09



Electrical Contacts Limited



Introduction

Electrical Contacts, Limited is a manufacturer of discrete electrical contacts, contact assemblies, and tape and button contacts. At our facility, ammonia is used as a manufacturing aid to create a reducing atmosphere in furnaces used for part production. In order to manage the impacts of ammonia, Electrical Contacts, Limited has developed a Toxic Reduction Plan as required by Ontario's Toxics Reduction Act and regulation O.Reg 455/09.

This annual toxic reduction substance accounting report has been prepared to meet the regulatory obligations specified in section 10 of the *Act*. This document summarizes the relevant reporting requirements and shall be updated as required by the *Act*, and O.Reg 455/09. This Public Report covers the year 2015. There have been no changes to the plan summary – it is accurate and up to date as of Dec. 31, 2015.

Substance and Facility Information

TOXIC SUBSTANCES REQUIRING A PLAN	
SUBSTANCE NAME	Ammonia
OTHER SUBSTANCES FOR WHICH A TOXIC REDUCTION PLAN HAS BEEN PREPARED	N/A
CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER	(RN 7664-41-7)
FACILITY INFORMATION	
LEGAL COMPANY NAME	Electrical Contacts, Ltd.
FACILITY NAME	Electrical Contacts, Ltd.
FACILITY ADDRESS	519 22 nd Avenue, Hanover, Ontario N4N 3T6
PHONE	519-364-1878
FAX	519-364-4626
WEB SITE ADDRESS	www.e-c-l.com
UTM COORDINATES, X AND Y DATUM	X 44.1581 Y 81.003
NUMBER OF FULL TIME EMPLOYEES	148
NPRI ID#	0000004560
PRIMARY NORTH AMERICAN INDUSTRIAL CLASSIFICATION SYSTEM CODE (NAICS)	
2 DIGIT NAICS CODE	33
4 DIGIT NAICS CODE	3399
6 DIGIT NAICS CODE	339990
PUBLIC CONTACT	
NAME & TITLE	Zach Berthelot, Plant Manager
PHONE	519-364-1878

On a facility-wide basis:

Amount that entered the facility as the substance itself or as a constituent of another substance:

The amount of substance that was created:

The amount of substance that was contained in product:

Tonne Units

138
0
0

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at: <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

Facility-Wide Accounting Information

FORM OF INVOLVEMENT	
ENTERS THE FACILITY (USE)	138,218 Kg
CREATED AT THE FACILITY	0Kg
RELEASED (AIR) FROM FACILITY	0Kg
RELEASED (LAND) FROM FACILITY	0Kg
RELEASED (WATER) FROM FACILITY	0Kg
DISPOSED OF BY FACILITY	0Kg
TRANSFERRED FROM FACILITY	0Kg
CONTAINED IN PRODUCT THAT LEAVES FACILITY	0Kg

Toxic Reduction Objectives and Targets

In using ammonia as a manufacturing aid within our facility we are committed to continuing to research and monitor advancements to implement options that are both technologically and economically feasible to reduce ammonia usage.

While we are and remain committed to this reduction, no technical and economically feasible options have been identified at this time.

ECL has reviewed its plan. Increases in use occurred due to increases in manufacturing volume. At this time, no economically feasible option has been identified.

As of May 23, 2016, I certify that I have read the [report(s)] on the toxic substance reduction [plan(s)] for Ammonia (Anhydrous) and am familiar with its contents and to my knowledge the information contained in the report(s) is factual accurate and the report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

The original version of this report is signed off by:

Highest Ranking Employee:

Title:

Phone Number:



Peter Allen
President
519-364-1878



National Pollutant Release Inventory (NPRI) and



Canada

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SWIM » 2015 » Electrical Contacts Ltd. » ECL » Report Preview

Report Preview

Report Details

Report Year

2015

Report Type:

NPRI, ON MOE TRA

Report Status:

Submitted

Modified Date/Time:

30/05/2016 2:37 PM

Company and Facility Details

Company Name:

Electrical Contacts Ltd.

Business Number:

101601532

Mailing Address:

Delivery Mode: GeneralDelivery
Address Line 1: 519 22nd Avenue
City, Province/Territory, Postal Code: Hanover Ontario N4N3T6
Country: Canada

Facility Name:

ECL

NAICS Code:

339990

NPRI ID:

4560

Physical Address:

Address Line 1: 519 22nd Avenue
City, Province/Territory, Postal Code: Hanover Ontario N4N3T6
Country: Canada
Latitude: 44.15810
Longitude: -81.00990
UTM Zone: 17
UTM Easting: 499760
UTM Northing: 4889432

Contacts Details

Contact Type

Technical Contact, Company Coordinator, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan, Public Contact

Name:

Zach Berthelot

Position:

Plant Manager

Telephone:

5193641878

Fax:

5193644626

Email:

Zach.Berthelot@e-c-l.com

Mailing Address:

Delivery Mode: GeneralDelivery
Address Line 1: 519 22nd Avenue
City, Province/Territory, Postal Code: Hanover Ontario N4N3T6
Country: Canada

Contact Type

Certifying Official, Highest Ranking Employee

Name:



Peter Allen

Position:

President

Telephone:

5193641878

Fax:

5193644626

Email:

peter.allen@e-c-l.com

Mailing Address:

Delivery Mode: GeneralDelivery
 Address Line 1: 519 22nd Avenue
 City, Province/Territory, Postal Code: Hanover Ontario N4N3T6
 Country: Canada

General Information

Number of employees:

148

Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:

None of the above

Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene:

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):

No

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 16	Ammonia (total)	N/A	N/A	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
NA - 16	Ammonia (total)	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
NA - 16	Ammonia (total)	No	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
NA - 16	Ammonia (total)	No	No	No

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - 16	Ammonia (total)			As a manufacturing aid

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
NA - 16	Ammonia (total)	Use	138.218 tonnes	No
NA - 16	Ammonia (total)	Creation	0 tonnes	No
NA - 16	Ammonia (total)	Contained	0 tonnes	No

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 - 16	Ammonia (total)					No

On-site Releases - Total

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 - 16	Ammonia (total)	No significant change (i.e. < 10%) or no change	

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 - 16	Ammonia (total)		No significant change (i.e. < 10%) or no change	

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 16	Ammonia (total)		No significant change (i.e. < 10%) or no change	

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
NA - 16	Ammonia (total)	No	Enters the facility (Use)	138.218 tonnes	133 tonnes	2014	5.218	3.92
NA - 16	Ammonia (total)	No	Creation	0 tonnes	0 tonnes	2013	0	
NA - 16	Ammonia (total)	No	Contained	0 tonnes	0 tonnes	2013	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 16	Ammonia (total)	Increase in production levels	

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
NA - 16	Ammonia (total)	ECL will strive to eliminate the use of Ammonia 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
NA - 16	Ammonia (total)	No quantity target	No timeline target	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description or Target
NA - 16	Ammonia (total)	No quantity target	No timeline target	

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
NA - 16	Ammonia (total)	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 16	Ammonia (total)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 16	Ammonia (total)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 16	Ammonia (total)	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 - 16	Ammonia (total)	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 - 16	Ammonia (total)	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 - 16	Ammonia (total)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 16	Ammonia (total)	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 - 16	Ammonia (total)	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 - 16	Ammonia (total)	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
NA - 16	Ammonia (total)	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

Electrical Contacts Ltd.

Certifying Official (or authorized delegate)

Peter Allen

Report Submitted by

Zach Berthelot

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 30/05/2016, I, Peter Allen, 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

NA - 16

Ammonia (total)

Company Name

Electrical Contacts Ltd.

Highest Ranking Employee

Peter Allen

Report Submitted by

Zach Berthelot

Website address

www.e-c-l.com

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	30/05/2016	ECL	Ontario	Hanover	NPRI,ON MOE TRA

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.

Version: 3.10.0



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Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

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Company Name

Electrical Contacts Ltd.

Certifying Official (or authorized delegate)

Peter Allen

Report Submitted by

Zach Berthelot

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ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

TRA Substance List

CAS RN

Substance Name

NA - 16

Ammonia (total)

Company Name

Electrical Contacts Ltd.

Highest Ranking Employee

Report Submitted by

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

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