TC Industries of Canada
2017 Toxics Reduction Act Inventory Summary

1.0 BASIC FACILITY INFORMATION

Substance Name	CAS #
Manganese	NA-09
Copper	NA-06
Nickel	NA-11
Chromium	NA-04
Lead	NA-08
Xylene	1330-20-7

Facility Identification & Site Address

Company Name	TC Industries of Canada
Facility Name	TC Industries of Canada, Ltd
Facility Address	249 Speedvale Avenue, Guelph, ON N1H 1C5
Spatial Coordinates of Facility	Zone: 17, East: 557702, North: 4821831 Datum: NAD 83
Number of Employees	59
NPRI ID	7630
Ontario MOE ID Number	-

Parent Company (PC) Information

PC Name & Address	TC Industries Inc.
Percent Ownership for each PC	N/A
Business Number for PC	N/A

Primary North American Industrial Classification System Code (NAICS)

2 Digit NAICS Code	33
4 Digit NAICS Code	3328
6 Digit NAICS Code	332810

Company Contact Information

Facility Public Contact	Richard Goodchild, Process Systems Manager
Email address	richg@tcindustries.com
Phone	(519) 836-7100
Fax	(519) 822-8214
Parent Company Contact	N/A

2.0 TOXIC SUBSTANCE ACCOUNTING & PLAN PROGRESS

SUBSTANCE & UNITS	USED	CREATED	CONTAINED IN PRODUCT	ON-SITE RELEASES			RECYCLING	
				AIR	WATER	LAND	ON-SITE	OFF-SITE
Chromium (tonnes/yr)								
2017 Reporting year	> 10 to 100	NA	> 10 to 100	0	0	0	0	>1 to 10
2016 Reporting year	> 10 to 100	NA	> 10 to 100	0	0	0	0	>1 to 10
Qty change	4.176	0	3.657	0	0	0	0	0.46
% Change	12%	0%	12%	0%	NA	NA	NA	12%
Reason for change	Changes in production levels.							
Copper (tonnes/yr)								
2017 Reporting year	> 10 to 100	NA	> 10 to 100	0	0	0	0	>1 to 10
2016 Reporting year	> 10 to 100	NA	> 10 to 100	0	0	0	0	>1 to 10
Qty change	-2.288	0	-1.967	0	0	0	0	0.202
% Change	-12%	0%	-12%	0%	NA	NA	NA	12%
Reason for change	Changes in production levels.							
Lead (kg/yr)								
2017 Reporting year	> 10 to 100	NA	> 10 to 100	0	0	0	0	> 10 to 100
2016 Reporting year	> 10 to 100	NA	> 10 to 100	0	0	0	0	> 10 to 100
Qty change	94	0	84	0	0	0	0	10
% Change	12%	0%	12%	0%	NA	NA	0%	11%
Reason for change	Changes in production levels.							
Manganese (tonnes/yr)								
2017 Reporting year	> 100 to 1000	NA	> 100 to 1000	0	0	0	0	> 10 to 100
2016 Reporting year	> 100 to 1000	NA	> 100 to 1000	0	0	0	0	> 10 to 100
Qty change	16	0	14	0	0	0	0	1.8
% Change	12%	0%	12%	0%	NA	NA	NA	12%
Reason for change	Changes in production levels.							
Nickel (tonnes/yr)								
2017 Reporting year	> 10 to 100	NA	> 10 to 100	0	0	0	0	>1 to 10
2016 Reporting year	> 10 to 100	NA	> 10 to 100	0	0	0	0	>1 to 10
Qty change	1.533	0	1.363	0	0	0	0	0.17
% Change	12%	0%	12%	0%	NA	NA	NA	12%
Reason for change	Changes in production levels.							
Xylene (tonnes/yr)								
2017 Reporting year	> 10 to 100	NA	0	> 10 to 100	0	0	0	0
2016 Reporting year	> 10 to 100	NA	0	> 10 to 100	0	0	0	0
Qty change	-0.71	0	0	-0.71	0	0	0	0
% Change	-6%	0%	0%	-6%	NA	NA	NA	0%
Reason for change	Approximately the same.							

3.0 REDUCTION OBJECTIVES & TARGETS

TC Industries intends to reduce the use of metal constituents through onsite reuse, improved purchasing techniques, and through improved operating practices.

TC Industries intends to reduce the use of xylene through spill prevention, onsite reuse, and through staff training and improved operating practices.

4.0 TOXIC SUBSTANCE REDUCTION OPTIONS IMPLEMENTED

No additional toxics reduction options were implemented in 2017.

5.0 COPY OF CERTIFICATION BY HIGHEST-RANKING EMPLOYEE

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

TC Industries of Canada

Certifying Official (or authorized delegate)

Jeff Quarrie

Report Submitted by

Jeff QuarrieI, 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 28/05/2018, I, Jeff Quarrie, 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 - 04	Chromium (and its compounds)
NA - 06	Copper (and its compounds)
NA - 08	Lead (and its compounds)
NA - 09	Manganese (and its compounds)
NA - 11	Nickel (and its compounds)
1330-20-7	Xylene (all isomers)

Company Name

TC Industries of Canada

Highest Ranking Employee

Jeff Quarrie

Report Submitted by

Jeff Quarrie

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
2017	28/05/2018	TC INDUSTRIES OF CANADA,LTD	Ontario	Guelph	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.

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