

TS Tech Trimont Mfg. Inc. (Interior Plant)

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Toxics Reduction Act 2016 Annual Report (Public) for:

**Prepared For:**

TS Tech Trimont Mfg. Inc. (Interior Plant)  
115 Milner Avenue  
Scarborough, Ontario, M1S, 4L7

April 28<sup>th</sup> 2017

**Prepared By:**

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## Contents

<b>1 Executive Summary .....</b>	<b>1</b>
<b>2 Introduction .....</b>	<b>2</b>
<b>3 Reduction Plan Objective(s) and Target(s) .....</b>	<b>2</b>
<b>4 General Information .....</b>	<b>3</b>
<b>5 2015 Toxic Substance Accounting.....</b>	<b>4</b>
<b>6 Annual Comparison .....</b>	<b>6</b>
<b>7 Changes in Tracking and Quantifications Methods in 2015 .....</b>	<b>9</b>
<b>8 Significant Process Changes in 2015 Relative to Plan .....</b>	<b>9</b>
<b>9 Estimated Reductions Under Options Selected .....</b>	<b>9</b>
<b>10 Timelines for Achieving Estimated Reductions.....</b>	<b>9</b>
<b>11 Additional Actions .....</b>	<b>9</b>
<b>12 Plan Amendments .....</b>	<b>9</b>
<b>13 Appendix .....</b>	<b>10</b>

# 1 Executive Summary

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The TS Tech facility at Milner Avenue manufactures and assembles quality automotive interior components while complying with all applicable federal and provincial (Ontario) legislation.

This document is a public version of the 2016 TRA Annual Report that the facility has submitted to the Ontario Ministry of the Environment (“MOE”) in May 2015 as required by O.Reg. 455/09, The Ontario Toxics Reduction Act (“TRA”).

Five toxic Substances, Methanol, Methyl Ethyl Ketone, Volatile Organic Compounds, Propane and Ethyl acetate were used and /or unintentionally created at processes at the Milner Avenue facility in 2016.

The facility has completed Toxic Substance Reduction Plans for three of the above-mentioned substances (Methanol, Methyl Ethyl Ketone and Volatile Organic Compounds) and has submitted plan summaries to the MOE for each of these substances. Public versions of these plan summaries are also available online. The objectives of the above-mentioned plans were to meet compliance requirements with the Ontario Toxics Reduction Act and to provide the facility with a detailed overview of the processes, conditions and quantities in which Toxic Substances are used at the facility to better inform future efforts at reducing toxic substance use at the facility. As per the Plans for these substances this facility does not intend to reduce their use and /or creation since it is understood that they are legally not required to do so within the framework of the Toxics Reduction Act or its regulations. The Facility must prepare reduction plans by December 31st 2017 for two toxic substances: Propane and Ethyl acetate.

## 2 Introduction

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The TS Tech facility at Milner Avenue manufactures and assembles quality automotive interior components while complying with all applicable federal and provincial (Ontario) legislation.

Five toxic Substances, Methanol, Methyl Ethyl Ketone, Volatile Organic Compounds, Propane and Ethyl acetate were used and /or unintentionally created at processes at the Milner Avenue facility in 2016.

The facility has completed Toxic Substance Reduction Plans for three of the above-mentioned substances (Methanol, Methyl Ethyl Ketone and Volatile Organic Compounds) and has submitted plan summaries to the MOE for each of these substances. Public versions of these plan summaries are also available online. The Facility must prepare reduction plans by December 31st 2017 for two new toxic substances: Propane and Ethyl acetate.

This document is a public version of the 2016 TRA Annual Report that the facility has submitted to the Ontario Ministry of the Environment ("MOE") in May 2015 as required by O.Reg. 455/09, The Ontario Toxics Reduction Act ("TRA").

## 3 Reduction Plan Objective(s) and Target(s)

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The facility has completed Toxic Substance Reduction Plans for Methanol, Methyl Ethyl Ketone, and Volatile Organic Compounds and summaries of these plans were submitted to the MOE on or before December 31<sup>st</sup> 2015.

The objectives of the above mentioned plans were to meet compliance requirements with the Ontario Toxics Reduction Act and to provide the facility with a detailed overview of the processes, conditions and quantities in which Toxic Substances are used at the facility to better inform future efforts at reducing toxic substance use at the facility.

As per the Plans for Methyl Ethyl Ketone, Methanol and Volatile Organic Compounds, this facility does not intend to reduce the use and /or creation of these substances since it is understood that they are legally not required to do so within the framework of the Toxics Reduction Act or its regulations.

## 4 General Information

**Table 1 Facility Information**

<b>1 - Facility Information</b>	
Facility Name	TS Tech Trimont Mfg. Inc. (Interior Plant)
NPRI ID:	11727
2-Digit NAICS Code	33
4-Digit NAICS Code	3363
6-Digit NAICS Code	336360
Number of Full-time Employees	273
UTM Co-ordinates (NAD83)	E641021 N4849475
<b>2 - Facility Owner Information</b>	
Name	TS Tech Trimont Mfg. Inc.
Address	115 Milner Avenue, Scarborough, ON, M1S4L7
Phone Number	416-640-2045
Fax	416-847-3935
E-mail	steven_li@tstna.com ; flora_ganuelas@tstna.com
<b>3 - Facility Operator Information (if applicable)</b>	
Name	
Address	
Phone Number	
Fax	
E-mail	
<b>5 - Toxic Substances for Which Facility Must Prepare Plan by December 31<sup>st</sup> 2017</b>	
<ol style="list-style-type: none"> <li>1. Ethyl acetate (CAS 141-78-6)</li> <li>2. Propane (CAS 74-98-6)</li> </ol>	
<b>6 - Toxic Substances for Which Facility has Prepared Plans and Submitted Plan Summaries</b>	
<ol style="list-style-type: none"> <li>1. Volatile Organic Compounds (NPRI CAS NA-M16) - December 2013</li> <li>2. Methyl Ethyl Ketone (CAS 78-93-3) – December 2013</li> <li>3. Methanol (CAS 67-56-1) – December 2014</li> </ol>	
<b>7 –Report Contacts</b>	
<b>Name of Public Contact</b>	Flora Ganuelas
Position	Assist. Mgr. Personnel & Admin.
Address	115 Milner Avenue, Scarborough, ON, M1S4L7
Phone Number	416-640-2045
Fax	416-847-3935
E-mail	flora_ganuelas@tstna.com

## 5 2016 Toxic Substance Accounting

**Table 2 - 2016 Production Year Toxic Substance Accounting**

Chemical	CAS	Transfer Description	2016 Range (T)
Methanol	67-56-1	Entered Facility (T)	1 - 10
	67-56-1	Contained in Product (T)	0
	67-56-1	Created (T)	0 - 1
	67-56-1	Destroyed (T)	0
	67-56-1	Transformed (T)	0
	67-56-1	Released to Air (T)	1 - 10
	67-56-1	Disposed (T)	0
	67-56-1	Recycled (T)	0
Methyl Ethyl Ketone	78-93-3	Entered Facility (T)	1 - 10
	78-93-3	Contained in Product (T)	0
	78-93-3	Created (T)	0
	78-93-3	Destroyed (T)	0
	78-93-3	Transformed (T)	0
	78-93-3	Released to Air (T)	1 - 10
	78-93-3	Disposed (T)	0
	78-93-3	Recycled (T)	0
Propane	74-98-6	Entered Facility (T)	1 - 10
	74-98-6	Contained in Product (T)	0
	74-98-6	Created (T)	0 - 1
	74-98-6	Destroyed (T)	0
	74-98-6	Transformed (T)	0
	74-98-6	Released to Air (T)	1 - 10
	74-98-6	Disposed (T)	0
	74-98-6	Recycled (T)	0
Ethyl Acetate	141-78-6	Entered Facility (T)	1 - 10
	141-78-6	Contained in Product (T)	0
	141-78-6	Created (T)	0
	141-78-6	Destroyed (T)	0
	141-78-6	Transformed (T)	0
	141-78-6	Released to Air (T)	1 - 10
	141-78-6	Disposed (T)	0
	141-78-6	Recycled (T)	0

Chemical	CAS	Transfer Description	2016 Range (T)
Volatile Organic Compounds	NA-M16	Entered Facility (T)	10 - 100
	NA-M16	Contained in Product (T)	0
	NA-M16	Created (T)	0 - 1
	NA-M16	Destroyed (T)	0
	NA-M16	Transformed (T)	0
	NA-M16	Released to Air (T)	10 - 100
	NA-M16	Disposed (T)	0
	NA-M16	Recycled (T)	0

## 6 Annual Comparison

**Table 3 Comparison of 2016 Production vs. 2015 Production Toxic Substance Accounting**

Chemical	CAS	Transfer Description	2016 Range (T)	2015 Range (T)	Change (T)	Change Over 2015 (%)	Reasons for Change Relative to 2015
Methanol	67-56-1	Entered Facility (T)	1 - 10	1 - 10	0.3292	24.13	Year to Year Variability in Production influences usage quantities of products containing substance.
	67-56-1	Contained in Product (T)	0	0	0.0000	0.00	
	67-56-1	Created (T)	0 - 1	0 - 1	0.0003	14.41	Year to Year variability in Natural gas consumption.
	67-56-1	Destroyed (T)	0	0	0.0000	0.00	
	67-56-1	Transformed (T)	0	0	0.0000	0.00	
	67-56-1	Released to Air (T)	1 - 10	1 - 10	0.3296	24.12	Year to Year variability in Production and Natural gas consumption has an influence in emission rates.
	67-56-1	Disposed (T)	0	0	0.0000	0.00	
	67-56-1	Recycled (T)	0	0	0.0000	0.00	
Methyl Ethyl Ketone	78-93-3	Entered Facility (T)	1 - 10	1 - 10	0.8711	12.55	Year to Year Variability in Production influences usage quantities of products containing substance.
	78-93-3	Contained in Product (T)	0	0	0.0000	0.00	
	78-93-3	Created (T)	0	0	0.0000	0.00	
	78-93-3	Destroyed (T)	0	0	0.0000	0.00	
	78-93-3	Transformed (T)	0	0	0.0000	0.00	
	78-93-3	Released to Air (T)	1 - 10	1 - 10	0.8711	12.55	Year to Year Variability in Production influences emission rates.
	78-93-3	Disposed (T)	0	0	0.0000	0.00	
	78-93-3	Recycled (T)	0	0	0.0000	0.00	



Chemical	CAS	Transfer Description	2016 Range (T)	2015 Range (T)	Change (T)	Change Over 2015 (%)	Reasons for Change Relative to 2015
Propane	74-98-6	Entered Facility (T)	1 - 10	0	NA-New in CY	N/A	New in Current Year (CY)
	74-98-6	Contained in Product (T)	0	0	NA-New in CY	N/A	
	74-98-6	Created (T)	0 - 1	0	NA-New in CY	N/A	
	74-98-6	Destroyed (T)	0	0	NA-New in CY	N/A	
	74-98-6	Transformed (T)	0	0	NA-New in CY	N/A	
	74-98-6	Released to Air (T)	1 - 10	0	NA-New in CY	N/A	
	74-98-6	Disposed (T)	0	0	NA-New in CY	N/A	
	74-98-6	Recycled (T)	0	0	NA-New in CY	N/A	
Ethyl Acetate	141-78-6	Entered Facility (T)	1 - 10	0	NA-New in CY	N/A	New in Current Year (CY)
	141-78-6	Contained in Product (T)	0	0	NA-New in CY	N/A	
	141-78-6	Created (T)	0	0	NA-New in CY	N/A	
	141-78-6	Destroyed (T)	0	0	NA-New in CY	N/A	
	141-78-6	Transformed (T)	0	0	NA-New in CY	N/A	
	141-78-6	Released to Air (T)	1 - 10	0	NA-New in CY	N/A	
	141-78-6	Disposed (T)	0	0	NA-New in CY	N/A	
	141-78-6	Recycled (T)	0	0	NA-New in CY	N/A	

Chemical	CAS	Transfer Description	2016 Range (T)	2015 Range (T)	Change (T)	Change Over 2015 (%)	Reasons for Change Relative to 2015
Volatile Organic Compounds	NA-M16	Entered Facility (T)	10 - 100	10 - 100	9.7412	38.31	Year to Year Variability in Production influences usage quantities of products containing substance. A change in formulation for one of the paint products includes additional VOCs.
	NA-M16	Contained in Product (T)	0	0	0.0000	0.00	
	NA-M16	Created (T)	0 - 1	0 - 1	0.0184	10.38	Year to Year variability in Natural gas consumption.
	NA-M16	Destroyed (T)	0	0	0.0000	0.00	
	NA-M16	Transformed (T)	0	0	0.0000	0.00	
	NA-M16	Released to Air (T)	10 - 100	10 - 100	9.7596	38.12	Year to Year variability in Production and Natural gas consumption has an influence in emission rates.
	NA-M16	Disposed (T)	0	0	0.0000	0.00	
	NA-M16	Recycled (T)	0	0	0.0000	0.00	

## 7 Changes in Tracking and Quantifications Methods in 2016

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No changes.

## 8 Significant Process Changes in 2016 Relative to Plan

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No changes.

## 9 Estimated Reductions Under Options Selected

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As per the Plans for Methyl Ethyl Ketone, Methanol and Volatile Organic Compounds, this facility does not intend to reduce the use and /or creation of these substances since it is understood that they are legally not required to do so within the framework of the Toxics Reduction Act or its regulations.

## 10 Timelines for Achieving Estimated Reductions

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No timelines have been set since the facility is not planning to implement any reduction options within the TRA framework.

## 11 Additional Actions

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No additional actions were undertaken in 2016.

## 12 Plan Amendments

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No amendments were made to the plan in 2016.

## 13 Appendix

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**2016 SWIM Inventory Report Certification Page:**

# 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

TS Tech Trimont Mfg. Inc.

Certifying Official (or authorized delegate)

Steven Li

Report Submitted by

Flora Ganuelas

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 08/05/2017, I, Steven Li, 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**

141-78-6

Ethyl acetate

67-56-1	Methanol
78-93-3	Methyl ethyl ketone
74-98-6	Propane

Company Name

TS Tech Trimont Mfg. Inc.

Highest Ranking Employee

Steven Li

Report Submitted by

Flora Ganuelas

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
2016	08/05/2017	Interior Plant	Ontario	Toronto	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.