

National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2016
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	24/05/2017 2:53 PM

Company and Facility Details

Company Name:	TI Group Inc.
Business Number:	866657414
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 115 Thorncliffe Park Drive City, Province/Territory, Postal Code: Toronto Ontario M4H1M1 Country: Canada
Facility Name:	TI Group
NAICS Code:	511190
NPRI ID:	10402
Physical Address:	Address Line 1: 115 Thorncliffe Park Drive City, Province/Territory, Postal Code: Toronto Ontario M4H1M1 Country: Canada Latitude: 43.71 Longitude: -79.34 UTM Zone: 17 UTM Easting: 633417 UTM Northing: 4840883

Contacts Details

Contact Type	Technical Contact, Contractor Contact, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Wendy Nadan
Position:	Principal
Telephone:	5199404724
Email:	wendy@nadanconsulting.com
Independent contractor/consultant company name:	Nadan Consulting Ltd
Contact Type	Certifying Official, Highest Ranking Employee
Name:	Robert Marcotte
Position:	Plant Manager
Telephone:	4166968322
Email:	bmarcotte@tigroup.ca

General Information

Number of employees:	250
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):	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
Usual Number of Operating Hours per day:	24
Usual Daily Start Time (24h) (hh:mm):	00:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - M16	Volatile Organic Compounds (VOCs)	12.6570	8.6630	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 - M16	Volatile Organic Compounds (VOCs)	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 - 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 - 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 - M16	Volatile Organic Compounds (VOCs)			

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
NA - M16	Volatile Organic Compounds (VOCs)	Use	18.721 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
111-76-2	2-Butoxyethanol	Use	1.545 tonnes

CAS RN	Substance Name	Use, Creation, Contained	Quantity
111-76-2	2-Butoxyethanol	Creation	0 tonnes
64742-48-9	Hydrotreated heavy naphtha	Use	10.519 tonnes
64742-48-9	Hydrotreated heavy naphtha	Creation	0 tonnes
64742-95-6	Light aromatic solvent naphtha	Use	2.692 tonnes
64742-95-6	Light aromatic solvent naphtha	Creation	0 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained	Quantity
Use	14.756 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 - M16	Volatile Organic Compounds (VOCs)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	E2 - Published Emission Factors		0.656 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Fugitive Releases	E2 - Published Emission Factors		12.001 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		12.657 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - M16	Volatile Organic Compounds (VOCs)	12.657 tonnes

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

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	111-76-2	2-Butoxyethanol	1.060 tonnes
Other Sources - Speciated VOCs	64742-48-9	Hydrotreated heavy naphtha	6.091 tonnes
Other Sources - Speciated VOCs	64742-95-6	Light aromatic solvent naphtha	1.512 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 - 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)
NA - M16	Volatile Organic Compounds (VOCs)	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
64742-48-9	Hydrotreated heavy naphtha	Yes	Enters the facility (Use)	10.519 tonnes	12.251 tonnes	2015	-1.732	-14.14
64742-48-9	Hydrotreated heavy naphtha	Yes	Creation	0 tonnes	0 tonnes	2015	0	
64742-95-6	Light aromatic solvent naphtha	Yes	Enters the facility (Use)	2.692 tonnes	2.713 tonnes	2015	-0.021	-0.77
64742-95-6	Light aromatic solvent naphtha	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
NA - M16	Volatile Organic Compounds (VOCs)	No reasons - quantities approximately the same	

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
64742-48-9	Hydrotreated heavy naphtha	Yes	Total Releases to Air	6.091 tonnes	5.917 tonnes	2015	0.174	2.94
64742-95-6	Light aromatic solvent naphtha	Yes	Total Releases to Air	1.512 tonnes	1.183 tonnes	2015	0.329	27.81

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - M16	Volatile Organic Compounds (VOCs)	No reasons - quantities approximately the same	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

Yes

a) Please check all that apply

Plan was prepared or implemented for another government jurisdiction (i.e. other Federal government department, province, municipality). Specify name in comments field below.

b) Did the facility update their plan in the current reporting year?

No

c) Does the plan address substances, energy conservation, or water conservation?

Substances

Please summarize your pollution prevention plan and/or your pollution prevention activities (this information will be publicly available)

ONTARIO TRA

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
64742-48-9	Hydrotreated heavy naphtha	none
64742-95-6	Light aromatic solvent naphtha	none

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
64742-48-9	Hydrotreated heavy naphtha	No quantity target	No timeline target	
64742-95-6	Light aromatic solvent naphtha	No quantity target	No timeline target	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
64742-48-9	Hydrotreated heavy naphtha	No quantity target	No timeline target	
64742-95-6	Light aromatic solvent naphtha	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
64742-48-9	Hydrotreated heavy naphtha	No		
64742-95-6	Light aromatic solvent naphtha	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
64742-48-9	Hydrotreated heavy naphtha	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-48-9	Hydrotreated heavy naphtha	The amount of reduction in creation 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
64742-48-9	Hydrotreated heavy naphtha	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
64742-48-9	Hydrotreated heavy naphtha	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.	
64742-48-9	Hydrotreated heavy naphtha	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.	
64742-48-9	Hydrotreated heavy naphtha	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
64742-48-9	Hydrotreated heavy naphtha	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.	
64742-48-9	Hydrotreated heavy naphtha	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.	
64742-48-9	Hydrotreated heavy naphtha	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
64742-95-6	Light aromatic solvent naphtha	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-95-6	Light aromatic solvent naphtha	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-95-6	Light aromatic solvent naphtha	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
64742-95-6	Light aromatic solvent naphtha	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.	
64742-95-6	Light aromatic solvent naphtha	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.	
64742-95-6	Light aromatic solvent naphtha	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
64742-95-6	Light aromatic solvent naphtha	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.	
64742-95-6	Light aromatic solvent naphtha	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.	
64742-95-6	Light aromatic solvent naphtha	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
64742-48-9	Hydrotreated heavy naphtha	No		
64742-95-6	Light aromatic solvent naphtha	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

TI Group Inc.

Certifying Official (or authorized delegate)

Robert Marcotte

Report Submitted by

Robert Marcotte

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 24/05/2017, I, Robert Marcotte, 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
111-76-2	2-Butoxyethanol
64742-48-9	Hydrotreated heavy naphtha
64742-95-6	Light aromatic solvent naphtha
NA - M16	Volatile Organic Compounds (VOCs)

Company Name

TI Group Inc.

Highest Ranking Employee

Robert Marcotte

Report Submitted by

Robert Marcotte

Website address

www.tigroup.ca

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	24/05/2017	TI Group	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.

Version: 3.11.4



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As of May 16, 2017, I, Bob Marcotte, certify that I have read the report on the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

hydrotreated heavy naphtha
light aromatic solvent naphtha



Bob Marcotte
Plant Manager