



# National Pollutant Release Inventory (NPRI) and Partners



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## Report Preview

### Report Details

Report Year	2019
Report Type:	NPRI,ON MECP TRA
Report Status:	Ready to Submit
Modified Date/Time:	2020-07-17 2:15 PM

### Company and Facility Details

Company Name:	Dieter's Metal Fabricating Ltd.
Business Number:	101389096
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 275 Industrial Road City: Cambridge Province/Territory: Ontario Postal Code: N3H 4R7 Country: Canada
Facility Name:	Dieter's Metal Fabricating Ltd
NAICS Code:	339990
NPRI ID:	11722
Portable:	No
Physical Address:	Address Line 1: 275 Industrial Road City: Cambridge Province/Territory: Ontario Postal Code: N3H 4R7 Country: Canada  Latitude: 43.5025 Longitude: -80.5362 UTM Zone: 17 UTM Easting: 553824 UTM Northing: 4806605

### Contacts Details

Contact Type	Technical Contact, Certifying Official, Person who prepared the report
Name:	Dawn Zuber
Position:	Controller
Telephone:	5198848555
Extension	102

Fax:	5196503334
Email:	dzuber@dietersaccessories.com
Contact Type	Highest Ranking Employee
Name:	Peter Hohendorf
Position:	VP of Operations
Telephone:	5198848555
Extension	112
Fax:	5196503334
Email:	phohendorf@dietersaccessories.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 275 Industrial Road City: Cambridge Province/Territory: Ontario Postal Code: N3H 4R7 Country: Canada

Contact Type	Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Fred Facca
Position:	Quality Consultant
Telephone:	5198848555
Extension	104
Fax:	5196503334
Email:	ffacca@dietersaccessories.com
Mailing Address:	Address Line 1: 275 Industrial Road City: Cambridge Province/Territory: Ontario Postal Code: N3H 4R7 Country: Canada

## General Information

Number of employees:	80
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
Does this facility release less than the reporting threshold for each Part 4 substance AND have one or more light or medium crude oil batteries with a total oil throughput for the battery components of the facility of $\geq 1,900$ m <sup>3</sup> per year?	No
Did the facility operate one or more electricity generation units that had a capacity of 25 MW or more and that distributed or sold to the grid 33% or more of its potential electrical output in the calendar year?	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

Does this facility solely consist of compression equipment in the oil and gas extraction sector?

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 - 04	Chromium (and its compounds)	N/A	N/A	N/A	21.728700	tonnes
NA - 11	Nickel (and its compounds)	N/A	N/A	N/A	9.223500	tonnes

## Applicable Programs

CAS RN	Substance Name	NPRI	ON MECP TRA	First report for this substance to the ON MECP TRA
NA - 04	Chromium (and its compounds)	Yes	Yes	No
NA - 11	Nickel (and its compounds)	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 - 04	Chromium (and its compounds)	No	No	No
NA - 11	Nickel (and its compounds)	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 - 04	Chromium (and its compounds)	No	No	Yes
NA - 11	Nickel (and its compounds)	No	No	Yes

## General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - 04	Chromium (and its compounds)			Ancillary/other use
NA - 11	Nickel (and its compounds)			Ancillary/other use

## Substances added to/removed from the report

CAS RN	Substance Name	Added/Removed	Reason
NA - 09	Manganese (and its compounds)	Removed	Other (specify in comment field)

Comment for removing a substance

Under threshold amount

## TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 04	Chromium (and its compounds)	Use	130.3855 tonnes	Yes

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 04	Chromium (and its compounds)	Creation	0 tonnes	Yes
NA - 04	Chromium (and its compounds)	Contained in Product	130.3855 tonnes	Yes
NA - 11	Nickel (and its compounds)	Use	55.0929 tonnes	Yes
NA - 11	Nickel (and its compounds)	Creation	0 tonnes	Yes
NA - 11	Nickel (and its compounds)	Contained in Product	55.0929 tonnes	Yes

## 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	Description of how an incident(s) affected quantifications	Significant Process Change	Reason for the significant process change
NA - 04	Chromium (and its compounds)					No	
NA - 11	Nickel (and its compounds)					No	

## On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities from Previous Year	Comments
NA - 04	Chromium (and its compounds)	Increase in production levels	
NA - 11	Nickel (and its compounds)	Increase in production levels	

## Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
NA - 04	Chromium (and its compounds)		No significant change (i.e. <10% or no change)	
NA - 11	Nickel (and its compounds)		No significant change (i.e. <10% or no change)	

## Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 04	Chromium (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		21.7287 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		9.2235 tonnes

## Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 04	Chromium (and its compounds)	21.7287 tonnes
NA - 11	Nickel (and its compounds)	9.2235 tonnes

## Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 04	Chromium (and its compounds)	Recovery of Metals and Metal Compounds	Joseph & Co.	257 Victoria St N., Kitchener, ON, Canada	21.7287 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	Joseph & Co.	257 Victoria St N., Kitchener, ON, Canada	9.2235 tonnes

## Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 04	Chromium (and its compounds)	Production Residues Off-specification products Unusable parts or discards	No significant change (i.e. <10% or no change)	
NA - 11	Nickel (and its compounds)	Production Residues Off-specification products Unusable parts or discards	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 - 04	Chromium (and its compounds)	No	Enters the facility (Use)	130.3855 tonnes	137.3032 tonnes	2018	-6.9177	-5.04
NA - 04	Chromium (and its compounds)	No	Creation	0 tonnes	0.45 tonnes	2018	-0.45	-100
NA - 04	Chromium (and its compounds)	No	Contained in Product	130.3855 tonnes	117.9029 tonnes	2018	12.4826	10.59
NA - 11	Nickel (and its compounds)	No	Enters the facility (Use)	55.0929 tonnes	56.4310 tonnes	2018	-1.3381	-2.37
NA - 11	Nickel (and its compounds)	No	Creation	0 tonnes	0 tonnes	2018	0	
NA - 11	Nickel (and its compounds)	No	Contained in Product	55.0929 tonnes	56.4310 tonnes	2018	-1.3381	-2.37

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 04	Chromium (and its compounds)	No reasons - quantities approximately the same	
NA - 11	Nickel (and its compounds)	Increase in production levels	

### Comparison Report - Transfers off-site for Recycling

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 04	Chromium (and its compounds)	No	Total off-site Transfers for Recycling	21.7287 tonnes	23.0478 tonnes	2017	-1.3191	-5.72
NA - 11	Nickel (and its compounds)	No	Total off-site Transfers for Recycling	9.2235 tonnes	9.6006 tonnes	2018	-0.3771	-3.93

### Comparison Report - Transfers off-site for Recycling - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 04	Chromium (and its compounds)	No reasons - quantities approximately the same	
NA - 11	Nickel (and its compounds)	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

If no, please select all applicable reasons from the list below:

Substance, process or technology alternatives are unknown or unavailable

### Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - 04	Chromium (and its compounds)	Dieter's prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Dieter's will strive to reduce the amount of Cr created at the facility by using alternate manufacturing methods whenever technically and economically feasible.
NA - 11	Nickel (and its compounds)	None

### Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 04	Chromium (and its compounds)	No quantity target	2	
NA - 11	Nickel (and its compounds)	No quantity target	No timeline target	

### Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 04	Chromium (and its compounds)	3.40 grams	2	This is 15% reduction in creation of Chromium Laser Dust
NA - 11	Nickel (and its compounds)	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
NA - 04	Chromium (and its compounds)	Other	none	none	none	none
NA - 04	Chromium (and its compounds)	Other	none	none	none	none

CAS RN	Substance Name	Activity	Will the timelines in the current version of the plan will be met	Comments:
NA - 04	Chromium (and its compounds)	Other	No	
NA - 04	Chromium (and its compounds)	Other	No	

### Progress on TRA Plan - Reductions due to Options Implemented - Equipment or process modifications

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the steps described:	No Amount

### Progress on TRA Plan - Reductions due to Options Implemented - Spill or leak prevention

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
NA - 04	Chromium (and its compounds)	Other	The amount of reduction in the substance <b>recycled off-site</b> 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
NA - 04	Chromium (and its compounds)	No		
NA - 11	Nickel (and its compounds)	No		

### Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 04	Chromium (and its compounds)	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 04	Chromium (and its compounds)	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 11	Nickel (and its compounds)	The amount of reduction in the substance <b>recycled off-site</b> 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 - 04	Chromium (and its compounds)	No		
NA - 11	Nickel (and its compounds)	No		

### Feedback

Comments on the Reporting System

Satisfied. Few technical issues and they were easily resolved.



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