



National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2017
Report Type:	NPRI,ON MOE TRA
Report Status:	Ready to Submit
Modified Date/Time:	28/05/2018 4:01 PM

Company and Facility Details

Company Name:	M & P Tool Products Inc.
Business Number:	123260861
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 43 Regan Road City, Province/Territory, Postal Code: Brampton Ontario L7A1B3 Country: Canada
Facility Name:	M & P TOOL PRODUCTS INC.
NAICS Code:	332118
NPRI ID:	7128
ON Reg 127/01 ID:	5872
Physical Address:	Address Line 1: 43 Regan Road City, Province/Territory, Postal Code: Brampton Ontario L7A1B3 Country: Canada Latitude: 43.7064 Longitude: -79.8076 UTM Zone: 17 UTM Easting: 596070 UTM Northing: 4839955

Contacts Details

Contact Type	Technical Contact, Certifying Official, Highest Ranking Employee
Name:	Martin Prufer
Position:	President
Telephone:	9058405550
Fax:	9058405560
Email:	martin@mp-tool.com
Contact Type	Person who prepared the report
Name:	Allison McCarthy

Position: Junior Project Consultant

Telephone: 4164675555

Extension: 237

Email: amccarthy@altech-group.com

Mailing Address: Address Line 1:
City, Province/Territory, Postal Code: None
Country: None

Contact Type: Person who coordinated the preparation of the Toxics Reduction Plan

Name: Michael Laplante

Position: Senior Project Engineer

Telephone: 4164675555

Fax: 4164679824

Email: mlaplante@altech-group.com

Mailing Address: Address Line 1: 12 Banigan Drive
City, Province/Territory, Postal Code: Toronto Ontario M4H1E9
Country: Canada

General Information

Number of employees: 85

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

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 - 04	Chromium (and its compounds)	N/A	N/A	N/A	4.6900	tonnes
NA - 06	Copper (and its compounds)	N/A	N/A	N/A	4.6900	tonnes
NA - 09	Manganese (and its compounds)	0.0049	N/A	N/A	9.3800	tonnes
NA - 11	Nickel (and its compounds)	N/A	N/A	N/A	4.6900	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 - 04	Chromium (and its compounds)	Yes	Yes		No
NA - 06	Copper (and its compounds)	Yes	Yes		No
NA - 09	Manganese (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 - 06	Copper (and its compounds)	No	No	No
NA - 09	Manganese (and its compounds)	Yes	Yes	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 - 06	Copper (and its compounds)	No	No	Yes
NA - 09	Manganese (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)		As an article component	
NA - 06	Copper (and its compounds)		As an article component	
NA - 09	Manganese (and its compounds)		As an article component	
NA - 11	Nickel (and its compounds)		As an article component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 04	Chromium (and its compounds)	Use	75.453 tonnes	Yes
NA - 04	Chromium (and its compounds)	Creation	0 tonnes	Yes
NA - 04	Chromium (and its compounds)	Contained in Product	70.762 tonnes	Yes
NA - 06	Copper (and its compounds)	Use	75.453 tonnes	Yes
NA - 06	Copper (and its compounds)	Creation	0 tonnes	Yes
NA - 06	Copper (and its compounds)	Contained in Product	70.762 tonnes	Yes
NA - 09	Manganese (and its compounds)	Use	151.183 tonnes	Yes
NA - 09	Manganese (and its compounds)	Creation	0 tonnes	Yes
NA - 09	Manganese (and its compounds)	Contained in Product	141.798 tonnes	Yes
NA - 11	Nickel (and its compounds)	Use	75.453 tonnes	Yes
NA - 11	Nickel (and its compounds)	Creation	0 tonnes	Yes
NA - 11	Nickel (and its compounds)	Contained in Product	70.762 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
NA - 04	Chromium (and its compounds)					No
NA - 06	Copper (and its compounds)					No
NA - 09	Manganese (and its compounds)					No
NA - 11	Nickel (and its compounds)					No

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 09	Manganese (and its compounds)	Total Quantity Released	C - Mass Balance		0.0049 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
NA - 09	Manganese (and its compounds)	25	25	25	25

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)	No significant change (i.e. < 10%) or no change	
NA - 06	Copper (and its compounds)	No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (and its compounds)	Changes in production levels	
NA - 11	Nickel (and its compounds)	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 from Previous Year	Comments
NA - 04	Chromium (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 06	Copper (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (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	C - Mass Balance		4.690 tonnes
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		4.690 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		9.380 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		4.690 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 04	Chromium (and its compounds)	4.690 tonnes
NA - 06	Copper (and its compounds)	4.690 tonnes
NA - 09	Manganese (and its compounds)	9.380 tonnes
NA - 11	Nickel (and its compounds)	4.690 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	Canadian Iron and Metal	3534 Dundas St., Toronto, ON, Canada	4.690 tonnes
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	Canadian Iron and Metal	3534 Dundas St., Toronto, ON, Canada	4.690 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	Canadian Iron and Metal	3534 Dundas St., Toronto, ON, Canada	9.380 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	Canadian Iron and Metal	3534 Dundas St., Toronto, ON, Canada	4.690 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	No significant change (i.e. < 10%) or no change	
NA - 06	Copper (and its compounds)	Production Residues	No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (and its compounds)	Production Residues	No significant change (i.e. < 10%) or no change	
NA - 11	Nickel (and its compounds)	Production Residues	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
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NA - 04	Chromium (and its compounds)	No	Enters the facility (Use)	75.453 tonnes	73.255 tonnes	2016	2.198	3.00
NA - 04	Chromium (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 04	Chromium (and its compounds)	No	Contained in Product	70.762 tonnes	68.011 tonnes	2016	2.751	4.04
NA - 06	Copper (and its compounds)	No	Enters the facility (Use)	75.453 tonnes	73.255 tonnes	2016	2.198	3.00
NA - 06	Copper (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 06	Copper (and its compounds)	No	Contained in Product	70.762 tonnes	68.011 tonnes	2016	2.751	4.04
NA - 09	Manganese (and its compounds)	No	Enters the facility (Use)	151.183 tonnes	147.067 tonnes	2016	4.116	2.80
NA - 09	Manganese (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 09	Manganese (and its compounds)	No	Contained in Product	141.798 tonnes	136.569 tonnes	2016	5.229	3.83
NA - 11	Nickel (and its compounds)	No	Enters the facility (Use)	75.453 tonnes	73.255 tonnes	2016	2.198	3.00
NA - 11	Nickel (and its compounds)	No	Creation	0 tonnes	0 tonnes	2016	0	
NA - 11	Nickel (and its compounds)	No	Contained in Product	70.762 tonnes	68.011 tonnes	2016	2.751	4.04

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 - 06	Copper (and its compounds)	No reasons - quantities approximately the same	
NA - 09	Manganese (and its compounds)	No reasons - quantities approximately the same	
NA - 11	Nickel (and its compounds)	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
NA - 09	Manganese (and its compounds)	No	Total Releases to Air	0 tonnes	0 tonnes	2016	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
NA - 09	Manganese (and its compounds)	No	Total Releases to All Media	0.0049 tonnes	0.009 tonnes	2016	-0.0041	-45.56

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 09	Manganese (and its compounds)	Decrease 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	4.690 tonnes	5.244 tonnes	2016	-0.554	-10.56
NA - 06	Copper (and its compounds)	No	Total off-site Transfers for Recycling	4.690 tonnes	5.244 tonnes	2016	-0.554	-10.56
NA - 09	Manganese (and its compounds)	No	Total off-site Transfers for Recycling	9.380 tonnes	10.489 tonnes	2016	-1.109	-10.57
NA - 11	Nickel (and its compounds)	No	Total off-site Transfers for Recycling	4.690 tonnes	5.244 tonnes	2016	-0.554	-10.56

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 - 06	Copper (and its compounds)	No reasons - quantities approximately the same	
NA - 09	Manganese (and its compounds)	No reasons - quantities approximately the same	

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

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 - 04	Chromium (and its compounds)	This Toxic Reduction Plan will guide M&P Tool in finding methods to minimize the releases of residues of the heavy metals from the production processes. As these four elements are key components of steel that enters the production facility, their elimination is not a viable option.
NA - 06	Copper (and its compounds)	This Toxic Reduction Plan will guide M&P Tool in finding methods to minimize the releases of residues of the heavy metals from the production processes. As these four elements are key components of steel that enters the production facility, their elimination is not a viable option.
NA - 09	Manganese (and its compounds)	This Toxic Reduction Plan will guide M&P Tool in finding methods to minimize the releases of residues of the heavy metals from the production processes. As these four elements are key components of steel that enters the production facility, their elimination is not a viable option.
NA - 11	Nickel (and its compounds)	This Toxic Reduction Plan will guide M&P Tool in finding methods to minimize the releases of residues of the heavy metals from the production processes. As these four elements are key components of steel that enters the production facility, their elimination is not a viable option.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 04	Chromium (and its compounds)	No quantity target	No timeline target	
NA - 06	Copper (and its compounds)	No quantity target	No timeline target	
NA - 09	Manganese (and its compounds)	No quantity target	No timeline target	
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)	No quantity target	No timeline target	
NA - 06	Copper (and its compounds)	No quantity target	No timeline target	
NA - 09	Manganese (and its compounds)	No quantity target	No timeline target	
NA - 11	Nickel (and its compounds)	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 - 04	Chromium (and its compounds)	No		
NA - 06	Copper (and its compounds)	No		
NA - 09	Manganese (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 use 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 creation 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 contained in product at the facility during the reporting period that resulted due to the additional actions.	

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 - 06	Copper (and its compounds)	No		
NA - 09	Manganese (and its compounds)	No		
NA - 11	Nickel (and its compounds)	No		

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