

National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2012
Report Type:	NPRI,ON MOE TRA
Report Status:	Update 1 - Submitted
Modified Date/Time:	07/08/2015 1:17 PM
Report Update Comments:	Correction to recycling values for Cobalt and Vanadium due to typing error.

Company and Facility Details

Company Name:	Hydroform Solutions Inc.
Business Number:	867876195
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 1995 Williams Parkway City, Province/Territory, Postal Code: Brampton Ontario L6S 6E5 Country: Canada
Facility Name:	Hydroform Solutions Inc.
NAICS Code:	336110
NPRI ID:	0000011259
Physical Address:	Address Line 1: 1995 Williams Parkway City, Province/Territory, Postal Code: Brampton Ontario L6S6E5 Country: Canada Latitude: 43.75190 Longitude: -79.70870 UTM Zone: 17 UTM Easting: 603940.87 UTM Northing: 4845210.56

Contacts Details

Contact Type	Technical Contact, Company Coordinator, Public Contact
Name:	Sharon Ballantyne
Position:	Health, Safety & Environmental Coordinator,
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Contact Type	Certifying Official, Highest Ranking Employee
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Contact Type	Person who prepared the report, Contractor Contact
Name:	Connie Lum
Position:	Senior Project Manager
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Independent contractor/consultant company name:	Pinchin Environmental Ltd.

General Information

Number of employees:	350
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):	No

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	No		No
NA - 05	Cobalt (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	No		No
7440-62-2	Vanadium (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)	Yes	No	No
NA - 05	Cobalt (and its compounds)	Yes	No	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	No	No
7440-62-2	Vanadium (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

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 - 05	Cobalt (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
7440-62-2	Vanadium (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 impurity	As a by-product	As a by-product
NA - 05	Cobalt (and its compounds)	As an impurity	As a by-product	As a by-product
NA - 06	Copper (and its compounds)		As a by-product	As a by-product
NA - 09	Manganese (and its compounds)	As an impurity	As a by-product	As a by-product
NA - 11	Nickel (and its compounds)	As an impurity	As a by-product	As a by-product
7440-62-2	Vanadium (and its compounds)	As an impurity	As a by-product	As a by-product

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
NA - 04	Chromium (and its compounds)	Use	6656 tonnes	Yes
NA - 04	Chromium (and its compounds)	Creation	0.00 tonnes	No
NA - 04	Chromium (and its compounds)	Contained	4878.5 tonnes	Yes
NA - 05	Cobalt (and its compounds)	Use	232 tonnes	Yes
NA - 05	Cobalt (and its compounds)	Creation	0.00 tonnes	No
NA - 05	Cobalt (and its compounds)	Contained	152 tonnes	Yes
NA - 06	Copper (and its compounds)	Use	986 tonnes	Yes
NA - 06	Copper (and its compounds)	Creation	0.00 tonnes	No
NA - 06	Copper (and its compounds)	Contained	775.54 tonnes	Yes
NA - 09	Manganese (and its compounds)	Use	3597 tonnes	Yes
NA - 09	Manganese (and its compounds)	Creation	0.00 tonnes	No
NA - 09	Manganese (and its compounds)	Contained	2822.6 tonnes	Yes
NA - 11	Nickel (and its compounds)	Use	5423 tonnes	Yes
NA - 11	Nickel (and its compounds)	Creation	0.00 tonnes	No
NA - 11	Nickel (and its compounds)	Contained	4286.9 tonnes	Yes
7440-62-2	Vanadium (and its compounds)	Use	232 tonnes	Yes
7440-62-2	Vanadium (and its compounds)	Creation	0.00 tonnes	No
7440-62-2	Vanadium (and its compounds)	Contained	152 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	Incidents out of the normal course of events	Significant Process Change
NA - 04	Chromium (and its compounds)	Better Quantification data	A result of review of the current version of the toxic substance reduction plan for the substance under section 7 of the Act	Better quantification data		No
NA - 05	Cobalt (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
	Vanadium					

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
7440-62-2	(and its compounds)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 04	Chromium (and its compounds)	Other Non-point Releases	O - Engineering Estimates		0.457 tonnes
NA - 05	Cobalt (and its compounds)	Other Non-point Releases	O - Engineering Estimates		0.027 tonnes
NA - 11	Nickel (and its compounds)	Other Non-point Releases	O - Engineering Estimates		0.118 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - 04	Chromium (and its compounds)	0.457 tonnes
NA - 05	Cobalt (and its compounds)	0.027 tonnes
NA - 11	Nickel (and its compounds)	0.118 tonnes

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 06	Copper (and its compounds)	Total Quantity Released	C - Mass Balance		0.463 tonnes
NA - 09	Manganese (and its compounds)	Total Quantity Released	O - Engineering Estimates		0.340 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
NA - 04	Chromium (and its compounds)	0.457 tonnes
NA - 05	Cobalt (and its compounds)	0.027 tonnes
NA - 11	Nickel (and its compounds)	0.118 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
NA - 04	Chromium (and its compounds)	25	25	25	25
NA - 05	Cobalt (and its compounds)	25	25	25	25
NA - 06	Copper (and its compounds)	25	25	25	25
NA - 09	Manganese (and its compounds)	25	25	25	25
NA - 11	Nickel (and its compounds)	25	25	25	25

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 - 04	Chromium (and its compounds)												
NA - 05	Cobalt (and its compounds)												
NA - 06	Copper (and its compounds)												
NA - 09	Manganese (and its compounds)												
NA - 11	Nickel (and its compounds)												
7440-62-2	Vanadium (and its compounds)												

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)
7440-62-2	Vanadium (and its compounds)	Changes in production levels	Better quantification data
NA - 04	Chromium (and its compounds)	Changes in production levels	Amount released from welding processes.
NA - 05	Cobalt (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	From welding process

CAS RN	Substance Name	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
NA - 11	Nickel (and its compounds)	Changes in production levels	Frow welding processes.

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
7440-62-2	Vanadium (and its compounds)		Changes in production levels	Better quantification data
NA - 04	Chromium (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 05	Cobalt (and its compounds)		Changes in production levels	
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		1777.00 tonnes
NA - 05	Cobalt (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		80 tonnes
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		210.000 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		774.000 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		1136.000 tonnes
7440-62-2	Vanadium (and its compounds)	Recovery of Metals and Metal Compounds	C - Mass Balance		80 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 04	Chromium (and its compounds)	1777.00 tonnes
NA - 05	Cobalt (and its compounds)	80 tonnes
NA - 06	Copper (and its compounds)	210.000 tonnes
NA - 09	Manganese (and its compounds)	774.000 tonnes
NA - 11	Nickel (and its compounds)	1136.000 tonnes
7440-62-2	Vanadium (and its compounds)	80 tonnes

Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
7440-62-2	Vanadium (and its compounds)	Recovery of Metals and Metal Compounds	Triple M Metal LP	471 Intermodal Drive, Brampton, ON, Canada	80 tonnes
NA - 04	Chromium (and its compounds)	Recovery of Metals and Metal Compounds	Triple M Metal LP	471 Intermodal Drive, Brampton, ON, Canada	1777.00 tonnes
NA - 05	Cobalt (and its compounds)	Recovery of Metals and Metal Compounds	Triple M Metal LP	471 Intermodal Drive, Brampton, ON, Canada	80 tonnes
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	Triple M Metal LP	471 Intermodal Drive, Brampton, ON, Canada	210.000 tonnes
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	Triple M Metal LP	471 Intermodal Drive, Brampton, ON, Canada	774.000 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	Triple M Metal LP	471 Intermodal Drive, Brampton, ON, Canada	1136.000 tonnes

Recycling - Off-site Transfers for Recycling - Dioxins and Furans Breakdown List By Facility

Category	CAS RN	Substance Name	Off-site Name	Quantity
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Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
7440-62-2	Vanadium (and its compounds)	Production Residues	Changes in production levels	Better quantification data
NA - 04	Chromium (and its compounds)	Production Residues	Changes in production levels	Beter quantification data
NA - 05	Cobalt (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	

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
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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)	6656 tonnes	6656 tonnes	2011	0	0
NA - 04	Chromium (and its compounds)	No	Creation	0.00 tonnes	0 tonnes	2011	0.00	
NA - 04	Chromium (and its compounds)	No	Contained	4878.5 tonnes	4878.5 tonnes	2011	0.0	0
NA - 05	Cobalt (and its compounds)	No	Enters the facility (Use)	232 tonnes	232 tonnes	2011	0	0
NA - 05	Cobalt (and its compounds)	No	Creation	0.00 tonnes	0 tonnes	2011	0.00	
NA - 05	Cobalt (and its compounds)	No	Contained	152 tonnes	152 tonnes	2011	0	0
NA - 06	Copper (and its compounds)	No	Enters the facility (Use)	986 tonnes	986 tonnes	2011	0	0
NA - 06	Copper (and its compounds)	No	Creation	0.00 tonnes	0 tonnes	2011	0.00	
NA - 06	Copper (and its compounds)	No	Contained	775.54 tonnes	775.54 tonnes	2011	0.00	0
NA - 09	Manganese (and its compounds)	No	Enters the facility (Use)	3597 tonnes	3597 tonnes	2011	0	0
NA - 09	Manganese (and its compounds)	No	Creation	0.00 tonnes	0 tonnes	2011	0.00	
NA - 09	Manganese (and its compounds)	No	Contained	2822.6 tonnes	2822.6 tonnes	2011	0.0	0
NA - 11	Nickel (and its compounds)	No	Enters the facility (Use)	5423 tonnes	5423 tonnes	2011	0	0
NA - 11	Nickel (and its compounds)	No	Creation	0.00 tonnes	0 tonnes	2011	0.00	
NA - 11	Nickel (and its compounds)	No	Contained	4286.9 tonnes	4286.9 tonnes	2011	0.0	0
7440-62-2	Vanadium (and its compounds)	No	Enters the facility (Use)	232 tonnes	232 tonnes	2011	0	0
7440-62-2	Vanadium (and its compounds)	No	Creation	0.00 tonnes	0 tonnes	2011	0.00	
7440-62-2	Vanadium (and its compounds)	No	Contained	152 tonnes	152 tonnes	2011	0	0

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 - 05	Cobalt (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	
7440-62-2	Vanadium (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 - 04	Chromium (and its compounds)	No	Total Releases to Air	0.457 tonnes	0.457 tonnes	2011	0.000	0
NA - 04	Chromium (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2011	0	
NA - 04	Chromium (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2011	0	
NA - 04	Chromium (and its compounds)	No	Total Releases to All Media	0 tonnes				
NA - 05	Cobalt (and its compounds)	No	Total Releases to Air	0.027 tonnes	0.027 tonnes	2011	0.000	0
NA - 05	Cobalt (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2011	0	
NA - 05	Cobalt (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2011	0	
NA - 05	Cobalt (and its compounds)	No	Total Releases to All Media	0 tonnes				

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 06	Copper (and its compounds)	No	Total Releases to Air	0 tonnes				
NA - 06	Copper (and its compounds)	No	Total Releases to Water	0 tonnes				
NA - 06	Copper (and its compounds)	No	Total Releases to Land	0 tonnes				
NA - 06	Copper (and its compounds)	No	Total Releases to All Media	0.463 tonnes	0.463 tonnes	2011	0.000	0
NA - 09	Manganese (and its compounds)	No	Total Releases to Air	0 tonnes				
NA - 09	Manganese (and its compounds)	No	Total Releases to Water	0 tonnes				
NA - 09	Manganese (and its compounds)	No	Total Releases to Land	0 tonnes				
NA - 09	Manganese (and its compounds)	No	Total Releases to All Media	0.340 tonnes	0.340 tonnes	2011	0.000	0
NA - 11	Nickel (and its compounds)	No	Total Releases to Air	0.118 tonnes	0.118 tonnes	2011	0.000	0
NA - 11	Nickel (and its compounds)	No	Total Releases to Water	0 tonnes	0 tonnes	2011	0	
NA - 11	Nickel (and its compounds)	No	Total Releases to Land	0 tonnes	0 tonnes	2011	0	
NA - 11	Nickel (and its compounds)	No	Total Releases to All Media	0 tonnes				

Comparison Report - On-site Releases - 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 - 05	Cobalt (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 - 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	1777.00 tonnes	1777 tonnes	2011	0.00	0.00
NA - 05	Cobalt (and its compounds)	No	Total off-site Transfers for Recycling	80 tonnes	80 tonnes	2011	0	0
NA - 06	Copper (and its compounds)	No	Total off-site Transfers for Recycling	210.000 tonnes	210 tonnes	2011	0.000	0.00
NA - 09	Manganese (and its compounds)	No	Total off-site Transfers for Recycling	774.000 tonnes	774 tonnes	2011	0.000	0.00
NA - 11	Nickel (and its compounds)	No	Total off-site Transfers for Recycling	1136.000 tonnes	1136 tonnes	2011	0.000	0.00
7440-62-2	Vanadium (and its compounds)	No	Total off-site Transfers for Recycling	80 tonnes	80 tonnes	2011	0	0

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 - 05	Cobalt (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	
7440-62-2	Vanadium (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)	Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.
NA - 05	Cobalt (and its compounds)	Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.
NA - 06	Copper (and its compounds)	Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.
NA - 09	Manganese (and its compounds)	Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.
NA - 11	Nickel (and its compounds)	Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.
7440-62-2	Vanadium (and its compounds)	Hydroform Solutions prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Chromium, Cobalt, Copper, Manganese, Nickel, and Vanadium are integral to the steels that the facility processes. Without these alloys, it would be impossible to make automobiles which meet passenger safety requirements. There are no options identified which will be implemented, however, as part of the continuous improvement program at the facility new opportunities will be reviewed on an on-going basis.

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 04	Chromium (and its compounds)	No quantity target	No timeline target	
NA - 05	Cobalt (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	
7440-62-2	Vanadium (and its compounds)	No quantity target	No timeline target	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 04	Chromium (and its compounds)	No quantity target	No timeline target	
NA - 05	Cobalt (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	
7440-62-2	Vanadium (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 - 05	Cobalt (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		
7440-62-2	Vanadium (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
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CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 11	Nickel (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.	
NA - 11	Nickel (and its compounds)	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.	
NA - 11	Nickel (and its compounds)	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.	
NA - 11	Nickel (and its compounds)	The amount of reduction in release to land 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 disposed on-site (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 disposed off-site (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 recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
7440-62-2	Vanadium (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.	
7440-62-2	Vanadium (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.	
7440-62-2	Vanadium (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.	
7440-62-2	Vanadium (and its compounds)	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.	
7440-62-2	Vanadium (and its compounds)	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.	
7440-62-2	Vanadium (and its compounds)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
7440-62-2	Vanadium (and its compounds)	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.	
7440-62-2	Vanadium (and its compounds)	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.	
7440-62-2	Vanadium (and its compounds)	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
NA - 04	Chromium (and its compounds)	No		
NA - 05	Cobalt (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		
7440-62-2	Vanadium (and its compounds)	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

Hydroform Solutions Inc.

Certifying Official (or authorized delegate)

Report Submitted by

Sharon Ballantyne

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 07/08/2015, I, Anoop Singh, 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 - 05	Cobalt (and its compounds)
NA - 06	Copper (and its compounds)
NA - 09	Manganese (and its compounds)
NA - 11	Nickel (and its compounds)
7440-62-2	Vanadium (and its compounds)

Company Name

Hydroform Solutions Inc.

Highest Ranking Employee

Anoop Singh

Report Submitted by

Sharon Ballantyne

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
2012	07/08/2015	Hydroform Solutions Inc.	Ontario	Brampton	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: 3.11.3


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