



# National Pollutant Release Inventory (NPRI) and



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## Report Preview

### Report Details

Report Year	2011
Report Type:	NPRI,ON MOE TRA
Report Status:	Update 1 - Submitted
Modified Date/Time:	21/12/2012 4:09 PM
Report Update Comments:	Notification that the facility also needs to report to the Ont. MOE TRA, and file a TRA Plan under O. Reg 455/09

### 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: None
Facility Name:	Hydroform Solutions Inc.
NAICS Code:	336110
NPRI ID:	0000011259
Physical Address:	Address Line 1: 1995 Williams City, Province/Territory, Postal Code: Brampton Ontario L6S6E5 Country: None Latitude: 43.75190 Longitude: -79.70870 UTM Zone: 17 UTM Easting: 603940.87 UTM Northing: 4845210.56

### Contacts Details

Contact Type	Technical Contact, Certifying Official, Company Coordinator, Person who prepared the report, Public Contact
Name:	Sharon Ballantyne
Position:	Health, Safety & Environmental Coordinator,
Telephone:	9057992498
Fax:	9057993490
Email:	sballantyne@martinrea.com
Contact Type	Highest Ranking Employee
Name:	Anoop Singh

Position:	General Manager
Telephone:	9057992498
Fax:	9057993490
Email:	asingh@martinrea.com
Mailing Address:	Address Line 1: City, Province/Territory, Postal Code: None Country: None

## 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 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

## 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		
NA - 05	Cobalt (and its compounds)	Yes	Yes		
NA - 06	Copper (and its compounds)	Yes	Yes		
NA - 09	Manganese (and its compounds)	Yes	Yes		
NA - 11	Nickel (and its compounds)	Yes	No		
7440-62-2	Vanadium (and its compounds)	Yes	Yes		

## 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
NA - 04	Chromium (and its	No		Yes

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
	compounds)			
NA - 05	Cobalt (and its compounds)	No		Yes
NA - 06	Copper (and its compounds)	No		Yes
NA - 09	Manganese (and its compounds)	No		Yes
NA - 11	Nickel (and its compounds)	No		Yes
7440-62-2	Vanadium (and its compounds)	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
	Nickel (and					

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 - 11	its compounds)					No
7440-62-2	Vanadium (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 - 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
NA - 11	Nickel (and its compounds)	Changes in production levels	From 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	

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
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		80000 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		80000 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)	80000 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)	80000 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	80000 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	80000 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	

### 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

# 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)

Sharon Ballantyne

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 21/12/2012, 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
2011	21/12/2012	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



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