

**H.C. Starck Canada Inc.**  
**Toxics Reduction Public Summary Report**

**Facility Information**

Company Name	H.C. Starck Canada Inc.
Facility Name	Sarnia Site
Facility Physical Address	933 South Vidal St. Sarnia, ON N7T 8H8
Facility Mailing Address	Same as physical address
Spatial Coordinates of Facility	42.9529 Latitude; -82.4113 Longitude
Number of Employees	41
NPRI ID	11133
2 Digit NAICS Code	32
4 Digit NAICS Code	3251
6 Digit NAICS Code	325189

**Parent Company Information**

Parent Company Name	H.C. Starck Canada Inc.
Address	933 South Vidal St. Sarnia, ON N7T 8H8
Percent Ownership (if available)	100.00%

**Facility Contact**

Public Contact	Dennis Onufer
Position	Engineering Manager
Address	933 South Vidal St. Sarnia, ON N7T 8H8
email	dennis.onufer@hcstarck.com
Phone	519-346-4300 #4352
Fax	

**Date of Summary**

Reporting Year	2020
Summary Date	September 30, 2021

**Toxics Substances Reported**

Nickel, PM<sub>10</sub> and PM<sub>2.5</sub>

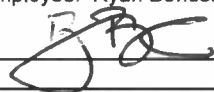
**Copy of Certification:**

As of September 30, 2021, I certify that I have read the report on the toxic substance reduction plan(s) for the toxics listed above and am familiar with their contents and to my knowledge the information contained in the report(s) is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

The original version of this report is signed off by:

Highest Ranking Employee: Ryan Bender

Title: Site Manager

  
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**Substance Information and Plan Objective**

Substance Name	NICKEL (AND ITS COMPOUNDS EXCEPT NICKEL CARBONYL)
CAS #	7440-02-0
Report Date	September 30, 2021
Plan Date:	31-Dec-13
Plan Objectives and Targets	<p>While H.C Starck Canada Inc. does not intend to reduce the use of nickel, the plan was developed with the following objectives:</p> <ul style="list-style-type: none"> <li>• We will continue to operate in full compliance with all applicable environmental regulations; and</li> <li>• We will continue to minimize releases of Nickel through current and future pollution prevention and best management practices.</li> </ul>

**Toxics Substance Accounting and Comparison**

Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>1 to 10	>1 to 10	> -1 to -10	-73%
C - Created	0	0	0	NA
P - In a product that leaves the process	>1 to 10	>1 to 10	> -1 to -10	-73%
Summary of reasons for changes between current year and previous year.	Decreased production. Nickel did not meet the reporting threshold this year due to the decrease in production. However, H.C. Starck is voluntarily reporting Nickel for 2020RY			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

**Progress in Implementing Plan**

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	None; no options identified
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	None; no options identified
Summary of differences between steps taken and those set out in the plan.	None; no options identified
Description of amendments to the plan.	None; no options identified

**H.C. Starck Canada Inc.**

**Toxics Reduction Public Summary Report**

**Substance Information and Plan Objective**

Substance Name	PM10 - PARTICULATE MATTER <=10MICRONS
CAS #	N/A - M09
Report Date:	September 30, 2021
Plan Date:	31-Dec-13
Plan Objectives and Targets	<p>While H.C. Starck Canada Inc. does not intend to reduce the creation of particulate matter, the plan was developed with the following objectives:</p> <ul style="list-style-type: none"> <li>• We will continue to operate in full compliance with all applicable environmental regulations; and</li> <li>• We will continue to minimize releases of Particulate Matter through current and future pollution prevention and best management practices.</li> </ul>

**Toxics Substance Accounting and Comparison**

Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	0	NA
C - Created	>1 to 10	>0 to 1	> -1 to -10	-66%
P - In a product that leaves the process	0	0	0	NA
Summary of reasons for changes between current year and previous year.	Decreased production			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

**Progress in Implementing Plan**

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

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**Substance Information and Plan Objective**

Substance Name	PM2.5 - PARTICULATE MATTER <=2.5MICRONS
CAS #	N/A - M10
Report Date	September 30, 2021
Plan Date:	31-Dec-13
Plan Objectives and Targets	<p>While H.C. Starck Canada Inc. does not intend to reduce the creation of particulate matter, the plan was developed with the following objectives:</p> <ul style="list-style-type: none"> <li>• We will continue to operate in full compliance with all applicable environmental regulations; and</li> <li>• We will continue to minimize releases of Particulate Matter through current and future pollution prevention and best management practices.</li> </ul>

**Toxics Substance Accounting and Comparison**

Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	0	NA
C - Created	>1 to 10	>0 to 1	> -1 to -10	-66%
P - In a product that leaves the process	0	0	0	NA
Summary of reasons for changes between current year and previous year.	Decreased production			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

**Progress in Implementing Plan**

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable