

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	44
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	2019
Summary Date	July 31, 2020

Toxics Substances Reported

Nickel, PM₁₀ and PM_{2.5}

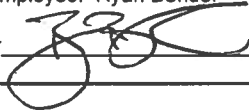
Copy of Certification:

As of July 31, 2020, 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:	July 31, 2020
Plan Date:	31-Dec-13
Plan Objectives and Targets	While H.C Starck Canada Inc. does not intend to reduce the use of nickel, the plan was developed with the following objectives: <ul style="list-style-type: none"> • We will continue to operate in full compliance with all applicable environmental regulations; and • We will continue to minimize releases of Nickel through current and future pollution prevention and best management practices.

Toxics Substance Accounting and Comparison

Pathways	2018	2019	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>10 to 100	>1 to 10	> -1 to -10	-34%
C - Created	0	0	0	NA
P - In a product that leaves the process	>10 to 100	>1 to 10	> -1 to -10	-34%
Summary of reasons for changes between current year and previous year.	Decreased production. Nickel (Ni) did not meet the reporting threshold this year due to a decrease in production. However, Nickel was just below the reporting threshold for the 2019 reporting year and it is expected to trigger in future years. Therefore H.C. Starck is voluntarily reporting for Nickel in the 2019 reporting year.			

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:	July 31, 2020
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"> • We will continue to operate in full compliance with all applicable environmental regulations; and • We will continue to minimize releases of Particulate Matter through current and future pollution prevention and best management practices.

Toxics Substance Accounting and Comparison

Pathways	2018	2019	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	0	NA
C - Created	>1 to 10	>1 to 10	>0 to -1	-15%
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

H.C. Starck Canada Inc.

Toxics Reduction Public Summary Report

Substance Information and Plan Objective

Substance Name	PM2.5 - PARTICULATE MATTER <=2.5MICRONS
CAS #	N/A - M10
Report Date:	July 31, 2020
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"> • We will continue to operate in full compliance with all applicable environmental regulations; and • We will continue to minimize releases of Particulate Matter through current and future pollution prevention and best management practices.

Toxics Substance Accounting and Comparison

Pathways	2018	2019	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	0	NA
C - Created	>1 to 10	>1 to 10	>0 to -1	-15%
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