

2019 Toxics Reduction Act Public Annual Report

<p>The legal and trade names of the owner and the operator of the facility, the street address of the facility and, if the mailing address of the facility is different from the street address, the mailing address. (See below)</p>	<div style="border: 1px solid black; padding: 5px;"> Niagara Investment Castings division of ASAHI Refining Canada Ltd. 16 Smith Street, St Catharines Ontario L2P 3J1 </div>
<p>Facility NPRI identification number</p>	<div style="border: 1px solid black; padding: 5px;">5761</div>
<p>The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01.</p>	<div style="border: 1px solid black; padding: 5px;">---</div>
<p>Number of full-time employees</p>	<div style="border: 1px solid black; padding: 5px;">53</div>
<p>North American Industry Classification System (NAICS) - 2, 4, and 6-digit codes</p>	<div style="border: 1px solid black; padding: 5px;"> 31 - 33 Manufacturing 3315 - Foundries 331514 - Steel Foundries </div>
<p>If applicable, the name, position and telephone number of the individual who is the contact at the facility for the public:</p>	
<p>Public Contact (if applicable)</p>	<div style="border: 1px solid black; padding: 5px;">Nancy Cardwell</div>
<p>Title</p>	<div style="border: 1px solid black; padding: 5px;">EHSS Coordinator</div>
<p>Phone Number</p>	<div style="border: 1px solid black; padding: 5px;">(905) 682-9258 ext 238</div>
<p>Address of each person below if not the same as the facility</p>	
<p>Facility Name</p>	<div style="border: 1px solid black; padding: 5px;">Niagara Investment Castings division of ASAHI Refining Canada Ltd.</div>
<p>Address 1</p>	<div style="border: 1px solid black; padding: 5px;">16 Smith Street</div>
<p>Address 2</p>	<div style="border: 1px solid black; padding: 5px;"></div>
<p>City</p>	<div style="border: 1px solid black; padding: 5px;">St. Catharines</div>
<p>Province</p>	<div style="border: 1px solid black; padding: 5px;">ON</div>
<p>Postal Code</p>	<div style="border: 1px solid black; padding: 5px;">L2P 3J1</div>
<p>UTM Zone</p>	<div style="border: 1px solid black; padding: 5px;">17</div>
<p>UTM Easting</p>	<div style="border: 1px solid black; padding: 5px;">644977</div>
<p>UTM Northing</p>	<div style="border: 1px solid black; padding: 5px;">6780885</div>
<p>Legal name of Canadian parent company, if your facility is a subsidiary of a Canadian parent company</p>	
<p>Parent company name</p>	<div style="border: 1px solid black; padding: 5px;">Niagara Investment Castings division of ASAHI Refining Canada Ltd.</div>
<p>Address 1</p>	<div style="border: 1px solid black; padding: 5px;">16 Smith Street</div>
<p>Address 2</p>	<div style="border: 1px solid black; padding: 5px;"></div>
<p>City</p>	<div style="border: 1px solid black; padding: 5px;">St. Catharines</div>
<p>Province</p>	<div style="border: 1px solid black; padding: 5px;">ON</div>
<p>Postal Code</p>	<div style="border: 1px solid black; padding: 5px;">L2P 3J1</div>
<p>Percent Ownership</p>	<div style="border: 1px solid black; padding: 5px;">100%</div>

Substance:	Chromium (and its compounds)	
CAS Number:	NA-04	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	> 10 to 100	tonnes
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		

Substance:	Cobalt (and its compounds)	
CAS Number:	NA-05	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 100 to 1,000	kg
The amount of substance that was created:	0.000	kg
The amount of substance that was contained in product:	> 100 to 1,000	kg
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		

Substance:	Copper (and its compounds)	
CAS Number:	NA-06	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	> 10 to 100	tonnes
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		

Substance:	Lead (and its compounds)	
CAS Number:	NA-08	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 1,000 to 10,000	kg
The amount of substance that was created:	0.000	kg
The amount of substance that was contained in product:	> 1,000 to 10,000	kg
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		

Substance:	Nickel (and its compounds)		
CAS Number:	NA-11		
On a facility-wide basis:	Amount	Units	
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes	
The amount of substance that was created:	0.000	tonnes	
The amount of substance that was contained in product:	> 10 to 100	tonnes	
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			

Substance:	Particulate Matter less than or equal to 10 microns (PM10)		
CAS Number:	NA-M09		
On a facility-wide basis:	Amount	Units	
Amount that entered the facility as the substance itself or as a constituent of another substance:	0.000	tonnes	
The amount of substance that was created:	> 0 to 1	tonnes	
The amount of substance that was contained in product:	0.000	tonnes	
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			

Substance:	Particulate Matter less than or equal to 2.5 microns (PM2.5)		
CAS Number:	NA-M10		
On a facility-wide basis:	Amount	Units	
Amount that entered the facility as the substance itself or as a constituent of another substance:	0.000	tonnes	
The amount of substance that was created:	> 0 to 1	tonnes	
The amount of substance that was contained in product:	0.000	tonnes	
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			

Comparison of Annual Reported Amounts

Substance:	Chromium (and its compounds)			
CAS Number:	NA-04			
On a facility-wide basis:	2019	2018	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 10 to 100	> 1 to 10	9.22
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
	> 10 to 100	> 10 to 100	> 1 to 10	9.22
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				

Substance:	Cobalt (and its compounds)			
CAS Number:	NA-05			
On a facility-wide basis:	2019	2018	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	kg	kg	kg	%
The amount of substance that was created:	> 100 to 1,000	> 1,000 to 10,000	> 1,000 to 10,000	-83.50
The amount of substance that was contained in product:	0.000	0.000	0.000	0
	> 100 to 1,000	> 1,000 to 10,000	> 1,000 to 10,000	-83.95
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				

Substance:	Copper (and its compounds)			
CAS Number:	NA-06			
On a facility-wide basis:	2019	2018	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 10 to 100	> 1 to 10	-2.74
The amount of substance that was contained in product:	0.000	0.000	0.00	
	> 10 to 100	> 10 to 100	> 1 to 10	0.67
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				

Substance:	Lead (and its compounds)			
CAS Number:	NA-08			
On a facility-wide basis:	2019	2018	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	kg	kg	kg	%
The amount of substance that was created:	> 1,000 to 10,000	> 1,000 to 10,000	> 100 to 1,000	3.44
The amount of substance that was contained in product:	0.000	0.000	0.00	
	> 1,000 to 10,000	> 1,000 to 10,000	> 100 to 1,000	10.25
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				

Substance:	Nickel (and its compounds)			
CAS Number:	NA-11			
On a facility-wide basis:	2019	2018	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 10 to 100	> 1 to 10	5.35
The amount of substance that was contained in product:	0.000	0.000	0.00	
	> 10 to 100	> 10 to 100	> 1 to 10	5.35
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				

Substance:	Particulate Matter less than or equal to 10 microns (PM10)			
CAS Number:	NA-M09			
On a facility-wide basis:	2019	2018	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	0.000	0.000	0.000	
The amount of substance that was contained in product:	>0 to 1	> 0 to 1	> 0 to 1	-7.20
The amount of substance that was contained in product:	0.000	0.000	0.000	
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				

Substance:	Particulate Matter less than or equal to 2.5 microns (PM2.5)			
CAS Number:	NA-M10			
On a facility-wide basis:	2019	2018	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	0.000	0.000	0.000	
The amount of substance that was contained in product:	> 0 to 1	> 1 to 10	> 0 to 1	-7.44
The amount of substance that was contained in product:	0.000	0.000	0.000	
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				

Annual Progress Report – Calendar 2019

Substances for which toxic substance reduction plans have been prepared:

Substance Name	CAS #	Toxic Reduction Plan Date
Chromium and its compounds	NA-04	December 21, 2012
Copper and its compounds	NA-06	December 21, 2012
Lead and its compounds	NA-08	December 21, 2012
Nickel and its compounds	NA-11	December 21, 2012
Aluminum Oxide	1344-28-1	September 17, 2013*
Particulate Matter less than or equal to 10 microns (PM10)	NA-M09	September 17, 2013
Particulate Matter less than or equal to 2.5 microns (PM2.5)	NA-M10	September 17, 2013
Cobalt and its compounds**	NA-05	September 18, 2017

* TRA Exit Record for 2013 reporting year (only non-fibrous form used)

Toxic Reduction Progress

The current reporting year saw slight increases for some substances primarily due to increase in the facility's production in 2019 for several materials due to material reformation.

Plan Implementation Progress

There were no reduction options identified in any of the plans for the above noted substances that were identified as being both technically and economically feasible. No additional actions outside the plans were taken in 2019 to reduce the use and/or creation for any of the reportable substances. No amendments were made to the toxic substance reduction plans in 2019.

ON MECP TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 2020-05-07, I, John Pagnotta, 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 - 08	Lead (and its compounds)
NA - 11	Nickel (and its compounds)
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns

Company Name
Niagara Investment Castings (division of Asahi Refining Canada)

Highest Ranking Employee
John Pagnotta

Report Submitted by
John Pagnotta

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
2019	2020-05-07	Niagara Investment Castings (division of Asahi Refining Canada)	Ontario	St. Catharines	NPRI, ON MECP 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: 3.16.0

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