

Ontario Toxics Reduction Plan Summary Public Disclosure – Year 2020

Facility Details

Facility Name:	Atotech Canada Ltd.
Address:	1180 Corporate Dr. Burlington ON, L7L 5R6
NPRI Identification Number:	1109
Two Digit NAICS Code:	31 – 33 - Manufacturing
Four Digit NAICS Code:	3259 – Other Chemical Product and Preparation Mft.
Six Digit NAICS Code:	325999 – All Other Misc. Chemical Product Manufacturing.
Number of Full-Time Employees:	31
UTM Spatial Co-ordinates:	X(E): 598595; Y(N): 4803664; (43.3796; -79.7815)

Parent Company Details

No Parent Company

Public Contact at Facility

Name:	Sue Guida
Position:	Site Director
Address:	1180 Corporate Dr. Burlington ON, L7L 5R6
Office Phone Number:	(289) 288-4440

Facility Description

The Atotech plant is a chemical batch mixing and blending facility that produces solid and liquid finished products for the electroplating industry. The main manufacturing processes include:

- Raw materials storage and handling;
- Blending/Mixing process;
- Packaging of products; and
- Product storage, handling, and shipping.

In addition to the main manufacturing activities, the facility maintains an R&D Plating line, an R&D Electroless Nickel Plating line and customer service laboratory.

Substances Information

Nickel (CAS# NA-11), Phosphorus (CAS# NA-22), Cobalt (CAS# NA-05), Hexavalent Chromium (CAS# NA – 19), PM2.5 (CAS# NA-M10), PM10 (CAS#NA-M09) are used or created at the facility to produce solid and liquid finished products for the electroplating industry.

Substance Accounting Details

Source	Nickel (tonnes/yr)			Chromium (tonnes/yr)		
	2020	2019	% Change	2020	2019	% Change
Enters (total)	>10 to 100	>10 to 100	-2.7867	<1	<1	-49.933
Created	0	0		0	0	0

In/on Product	>10 to 100	>10 to 100	-2.4698	<1	<1	-48.751
Released, as Air Emissions	<1	<1	-0.6089	<1	<1	6.280
Released on-site to land	0	0	-	0	0	-
Released to all media	<1	<1	-	<1	<1	-
Released, for Recycling	0	0	-	0	0	-
Released to Disposal	<1	<1	-76.769	<1	<1	-
Transferred for treatment before disposal	<1	<1	-	<1	<1	-

Source	Cobalt (tonnes/yr)			Phosphorus (tonnes/yr)		
	2020	2019	% Change	2020	2019	% Change
Enters (total)	>1 to 10	>1 to 10	-16.2575	>10 to 100	>10 to 100	-25.3994
Created	0	0	-	0	0	-
In/on Product	>1 to 10	>1 to 10	-15.8896	>10 to 100	>10 to 100	-25.6932
Released, as Air Emissions	<1	<1	-35.9846	<1	<1	-12.2092
Released on-site to land	0	0	-	0	0	-
Released to all media	<1	<1	-	0	0	-
Released, for Recycling	0	0	-	0	0	-
Released to Disposal	<1	<1	-99.9350	<1	<1	103
Transferred for treatment before disposal	<1	<1	-	<1	<1	-
Source	PM ₁₀ (tonnes/yr)			PM _{2.5} (tonnes/yr)		
	2020	2019	% Change	2020	2019	% Change
Enters (total)	0	0	-	0	0	-
Created	<1	<1	2.6766	<1	<1	2.6766
In/on Product	0	0	-	0	0	-
Released, as Air Emissions	<1	<1	2.6766	<1	<1	2.6766
Released on-site to land	0	0	-	0	0	-
Released to all media	<1	<1	-	<1	<1	-
Released, for Recycling	0	0	-	0	0	-
Released to Disposal	<1	<1	-	<1	<1	-
Transferred for treatment before disposal	<1	<1	-	<1	<1	-

Historical Comparison

Generally, the 2020 chemical consumption data shows a general decrease across the chemical use in 2020 compared to 2019 (except a slight increase in PM creation) due to customer needs and production amount.

Reduction Plan Objectives and Targets:

Atotech's purpose in undertaking this Toxics Reduction Plan is to identify practical and implementable opportunities to achieve beyond-compliance environmental performance

outcomes with respect to the use, creation, release and disposal of the defined toxic substances at the 1180 Corporate facility in Burlington.

This Toxic Reduction Plan describes Atotech's approach in finding methods to reduce the consumption and release of defined toxic substances in their production processes.

Reduction Options Under Consideration for Implementation:

Until there are technological advancements in minimizing release of defined toxic substances in production process, no technically or economically feasible option was identified for Atotech.

Additional Actions and Their Impact on Substance Use, Creation and Discharge:

Atotech will continue to follow best operating practices by spill protection and in-house waste management and updating the quality management manual. Atotech will continually review economical methods of chemical consumption and release reduction.

Amendments or Changes to Toxic Reduction Plans During Report Period:

No amendments or changes have been made to the facility's toxics reduction plans.

Certification:

As of August 20, 2021, I, Sue Guida, certify that I have read the 2020 accounting report on the toxic substances referred to below and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and complies with the Toxics Reduction Act 2009 and Ontario Regulation 455/09 (General) made under that Act.

Nickel
Cobalt
Phosphorus
Hexavalent Chromium
PM10
PM2.5



Sue Guida
Site Director, Atotech Canada Ltd.
(Highest Ranking Employee)