

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Facility Information

Company Name	Atotech Canada Inc
Facility Name	Burlington Facility
Facility Physical Address	1180 Corporate Drive, Burlington, ON L7L 5R6
Facility Mailing Address	1180 Corporate Drive, Burlington, ON L7L 5R6
Spatial Coordinates of Facility	Latitude: 43.3793 Longitude: -79.7815
Number of Employees	47
NPRI ID	1109
2 Digit NAICS Code	32
4 Digit NAICS Code	3259
6 Digit NAICS Code	325999

#### Parent Company Information

Parent Company Name	Atotech BV
Address	Strijkviertel 35-2 De Meern, 3454 PJ Netherland
Percent Ownership (if available)	100%

#### Facility Contact

Public Contact	Susan Guida
Position	Site Manager
Address	1180 Corporate Drive, Burlington, ON L7L 5R6
email	<a href="mailto:sue.guida@atotech.com">sue.guida@atotech.com</a>
Phone	289-288-4440
Fax	905-332-0841

#### Date of Summary

Reporting Year	2017
Summary Date	June 1, 2018

#### Toxics Substances Reported

Nickel, Hexavalent Chromium, Total Phosphorous, Cobalt, Ammonia, PM10, PM2.5

#### Copy of Certification:

As of June 1, 2018, 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:** Susan Guida  
Title: Site Manager

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	NICKEL (AND ITS COMPOUNDS EXCEPT NICKEL CARBONYL)
CAS #	7440-02-0
Report Date:	30-May-18
Plan Date:	31-Dec-12
Plan Objectives and Targets	We continue to strive to eliminate or reduce the use of toxic substances at the facility where possible. This plan was used to determine the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time. Preparation of this plan and efforts to implement will contribute to the prevention of pollution and specifically to protection of the health of Ontarians and the local environment.

#### Toxics Substance Accounting and Comparison

Pathways	2016	2017	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>10 to 100	>10 to 100	>1 to 10	35%
C - Created	0.0	0.0	0.0	NA
P - In a product that leaves the process	>10 to 100	>10 to 100	>1 to 10	37%
Summary of reasons for changes between current year and previous year.	Increased production of nickel products			

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 - All options implemented and quantified where feasible
Summary of the toxics reductions achieved as a result of the steps taken	None - All options implemented and quantified where feasible
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 - All options implemented and quantified where feasible
Summary of differences between steps taken and those set out in the plan.	None
Description of amendments to the plan.	None

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	CHROMIUM (VI) COMPOUNDS
CAS #	18540-29-9
Report Date:	30-May-18
Plan Date:	31-Dec-12
Plan Objectives and Targets	We continue to strive to eliminate or reduce the use of toxic substances at the facility where possible. This plan was used to determine the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time. Preparation of this plan and efforts to implement will contribute to the prevention of pollution and specifically to protection of the health of Ontarians and the local environment.

#### Toxics Substance Accounting and Comparison

Pathways	2016 tonnes	2017 tonnes	Delta	Delta %
Units reported				
U - Enters the Process (Raw Materials)	>10 to 100	>1 to 10	> -10 to -100	-82%
C - Created	0	0	0	NA
P - In a product that leaves the process	>10 to 100	>1 to 10	> -10 to -100	-82%
Summary of reasons for changes between current year and previous year.	Decreased production of hexavalent chromium products			

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 - All options implemented and quantified where feasible
Summary of the toxics reductions achieved as a result of the steps taken	None - All options implemented and quantified where feasible
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 - All options implemented and quantified where feasible
Summary of differences between steps taken and those set out in the plan.	None
Description of amendments to the plan.	None

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	Phosphorus, Total
CAS #	--
Report Date:	30-May-18
Plan Date:	30-Dec-13
Plan Objectives and Targets	The facility's intent is to reduce the use of toxics substances , specifically phosphorus at the facility. Reduction options and implementation options will be achieved through process modifications, spill and leak prevention initiatives, procedural improvements, improved inventory management program and employee education and training.

#### Toxics Substance Accounting and Comparison

Pathways	2016	2017	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>10 to 100	>10 to 100	>1 to 10	24%
C - Created	0	0	0	NA
P - In a product that leaves the process	>10 to 100	>10 to 100	>1 to 10	24%
Summary of reasons for changes between current year and previous year.	Increased production of phosphorus products			

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 - All options implemented and quantified where feasible
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 - All options implemented and quantified where feasible
Summary of differences between steps taken and those set out in the plan.	None
Description of amendments to the plan.	None

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	COBALT (AND ITS COMPOUNDS)
CAS #	--
Report Date:	30-May-18
Plan Date:	15-May-18
Plan Objectives and Targets	The facility's intent, by means of the Toxic Reduction Planning Process, is to reduce the use of toxic substances; specifically Cobalt and its compounds at the facility. Due to the nature of cobalt's properties, the reduction or elimination is not technically or economically feasible to be achieved. Atotech has no option but to continue the use of Cobalt and its compounds in manufactured products. However, we will continually strive to improve our processes through compliance with all applicable regulations, process modifications, spill and leak prevention initiatives, procedural improvements, improved inventory management program and employee education and training.

#### Toxics Substance Accounting and Comparison

Pathways	2016	2017	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>1 to 10	>1 to 10	>0 to -1	-19%
C - Created	0	0	0	NA
P - In a product that leaves the process	>1 to 10	>1 to 10	>0 to -1	-19%
Summary of reasons for changes between current year and previous year.	First year of reporting - no changes to report on.			

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 - to be completed 2018RY
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
Summary of differences between steps taken and those set out in the plan.	None
Description of amendments to the plan.	None

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	Ammonia
CAS #	--
Report Date:	30-May-18
Plan Date:	1-Dec-13
Plan Objectives and Targets	The facility's intent is to reduce the use of toxics substances , specifically ammonia at the facility. Reduction options and implementation options will be achieved through process modifications, spill and leak prevention initiatives, procedural improvements, improved inventory management program and employee education and training.

#### Toxics Substance Accounting and Comparison

Pathways	2016	2017	Delta	Delta %
Units reported		tonnes		
U - Enters the Process (Raw Materials)		>10 to 100	>10 to 100	NA
C - Created		0	0	NA
P - In a product that leaves the process		>10 to 100	>10 to 100	NA
Summary of reasons for changes between current year and previous year.	Did not trigger reporting last year - no changes to report on.			

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 actions taken
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
Summary of differences between steps taken and those set out in the plan.	None
Description of amendments to the plan.	None

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	PM10 - PARTICULATE MATTER <=10MICRONS
CAS #	--
Report Date:	30-May-18
Plan Date:	1-Dec-13
Plan Objectives and Targets	The facility does not intend to implement a reduction option for particulate matter (PM10). Atotech will continue to investigate process efficiencies and continuous improvement efforts through management system objectives, business initiatives and production requirements in an effort to reduce the creation of PM10 in the future.

#### Toxics Substance Accounting and Comparison

Pathways	2016	2017	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	0	NA
C - Created	>0 to 1	>0 to 1	>0 to -1	-0.6%
P - In a product that leaves the process	0	0	0	NA
Summary of reasons for changes between current year and previous year.	Insignificant			

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.	NA
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.	NA
Summary of differences between steps taken and those set out in the plan.	NA
Description of amendments to the plan.	NA

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	PM2.5 - PARTICULATE MATTER <=2.5MICRONS
CAS #	--
Report Date:	30-May-18
Plan Date:	1-Dec-13
Plan Objectives and Targets	The facility does not intend to implement a reduction option for particulate matter (PM2.5). Atotech will continue to investigate process efficiencies and continuous improvement efforts through management system objectives, business initiatives and production requirements in an effort to reduce the creation of PM2.5 in the future.

#### Toxics Substance Accounting and Comparison

Pathways	2016	2017	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	0	NA
C - Created	>0 to 1	>0 to 1	>0 to -1	-0.6%
P - In a product that leaves the process	0	0	0	NA
Summary of reasons for changes between current year and previous year.	Insignificant			

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.	NA
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.	NA
Summary of differences between steps taken and those set out in the plan.	NA
Description of amendments to the plan.	NA