

Bombardier Aerospace Toronto Site - Facility Information

Address:
123 Garratt Blvd
Toronto ON
M3K 1Y5

Parent Company
Bombardier Inc.
800 Rene Levesque Blvd West
Montreal, QC H3B 1Y8

Public Contact: Mike Anger
Phone Number: 416-373-7540

North American Industry Classification System (NAICS) code	3364
NAICS Canada code	336411
National Pollutant Release Inventory identification number	001189
Ontario Ministry of Environment identification number	7159
Universal Transverse Mercator coordinates	17T 622175 4841522
Number of employees	3154

Substances Reported on a Facility Wide Basis

Substance Name	CAS	Reporting Year	Use	Creation	Contained in Product	Release to Air	Transfers	Disposals
			Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes
Acetone	67-64-1	2016	2.7	0	0	1.8	0	0.9
		2015	2.4	0	0	1.63	0	0.77
		Change	0.3	0	0	0.17	0	0.13
		% Change	12.50%	0	0	10.43%	0	16.88%
Methyl Ethyl Ketone	78-93-3	2016	0.9	0	0	0.61	0	0.29
		2015	1	0	0	0.68	0	0.32
		Change	-0.1	0	0	-0.07	0	-0.03
		% Change	-10.00%	0	0	-10.29%	0	-9.38%
Isopropyl Alcohol	67-63-0	2016	4.39	0	0	2.85	0	1.54
		2015	5.68	0	0	3.7	0	1.98
		Change	-1.29	0	0	-0.85	0	-0.44
		% Change	-22.71%	0	0	-22.97%	0	-22.22%
Toluene	108-88-3	2016	0.57	0	0	0.37	0	0.2
		2015	1.1	0	0	0.74	0	0.36
		Change	-0.53	0	0	-0.37	0	-0.16
		% Change	-48.18%	0	0	-50.00%	0	-44.44%
Xylene (all isomers)	1330-20-7	2016	0.68	0	0	0.44	0	0.24
		2015	0.97	0	0	0.63	0	0.34
		Change	-0.29	0	0	-0.19	0	-0.1
		% Change	-29.90%	0	0	-30.16%	0	-29.41%
PM 10	NA	2016	0.53	0	0	0.53	0	0
		2015	0.53	0	0	0.53	0	0
		Change	0	0	0	0	0	0
		% Change	0.00%	0.00%	0	0.00%	0	0.00%
PM 2.5	NA	2016	0.24	0	0	0.24	0	0
		2015	0.26	0	0	0.26	0	0
		Change	-0.02	0	0	-0.02	0	0
		% Change	-7.69%	0.00%	0	-7.69%	0	0.00%
			Kilograms	Kilograms	Kilograms	Kilograms	Kilograms	Kilograms
Hexavalent Chromium	7440-47-3	2016	330	0	285	3.6	0	51
		2015	340	0	280	3.6	0	53
		Change	-10	0	5	0	0	-2
		% Change	-2.94%	0	1.79%	0.00%	#DIV/0!	-3.77%

Summary of reasons for changes in quantities of substances include:

- Implementation of toxics reduction plans
- Changes in production rates

Toxics Reduction Plans

Substance Name	CAS	Objectives/Reductions/Comparison to Plan
Acetone	67-64-1	<p>Objectives: Implement reduction options that consider material or feedstock substitutions and equipment or process modifications</p> <p>Reductions: The facility intends to reduce the use of acetone by 50% by December 2016.</p> <p>Comparison to Plan: Implementation of toxic reduction plans in 2013 reduced acetone usage by approximately 15%. Trials to replace solvents containing acetone with alternatives were unsuccessful, 50% reduction by December 2016 was not achieved.</p>
Methyl Ethyl Ketone	78-93-3	<p>Objectives: Implement reduction options that consider material or feedstock substitutions and equipment or process modifications</p> <p>Reductions: The facility has reduced the use of methyl ethyl ketone by 90% compared to 2011.</p> <p>Comparison to Plan: The 90% reduction exceeds the planned 80%</p>
Hexavalent Chromium	7440-47-3	<p>Objectives: Implement reduction options that consider material or feedstock substitutions and equipment or process modifications</p> <p>Reductions: The facility intends to reduce the use of hexavalent chromium by 50% by December 2020.</p> <p>Comparison to Plan: Implementation of toxics reduction plans scheduled in 2013 are delayed by about 1 year. 50% reduction by 2020 is still achievable.</p>

Certification by Highest Ranking Employee

As of June 1, 2017, I, Graham Kelly certify that I have read the report on the toxic substance reduction plan for the toxic substance referred to above and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.