

Toxics Reduction Act Public Annual Report for 2017 Calendar Year

This report was prepared for the purposes of Ontario Regulation 455/09, Toxics Reduction Act, 2009 and the Ontario Toxics Reduction Program managed by the Ontario Ministry of the Environment and Climate Change (MOECC). The Ontario MOECC has mandated manufacturing facilities in Ontario to evaluate their processes in detail and to report on this evaluation to the public. As such, Ivaco Rolling Mills (IRM) has posted the 2017 Annual report to its corporate website (www.ivacorm.com) to make the information available to the public. Ivaco Rolling Mills has posted similar data to the public website for the Environment Canada's National Pollutant Release Inventory program since 1996. The values posted here represent the total annual movement of elements or specific compounds. The reported elements or compounds, if present, are present at trace concentrations within IRM materials. In some cases, values indicated to be zero may represent the undetectable presence of a substance using commonly available scientific methods. Some of the substances have been reported as a range. The ranges were developed by the MOECC and the actual values for Ivaco Rolling Mills are within these ranges.

As part of the Toxics Reduction Act Ivaco Rolling Mills continues to evaluate the movement of these substances within its operations on an annual basis. A toxics reduction plan has been developed for all of these substances at the site. Ivaco Rolling Mills is fully committed to protecting its employees and the surrounding community and continuously strives to improve its environmental performance.

Facility Information :

Ivaco Rolling Mills 2004 LP
1040 County Road 17, Box 322
L'Orignal, ON, K0B 1K0

UTM coordinates, x and y:

522923 5051092

Facility NPRI identification number:

1520

Zone:

zone 18T

The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01:

5104

TRA Planner:

Camille Taylor, Golder
Associates Ltd., TSRP 0283

Number of full-time employees:

538

North American Industry Classification System (NAICS) - 2, 4, and 6 digit codes

33

3311

331110

Toxic Substance	CAS No.	Units	Used		Created		Contained in Product		Comment if Change > +/- 10%
			Tonnes in 2017	% Change from 2016	Tonnes in 2017	% Change from 2016	Tonnes in 2017	% Change from 2016	
Aluminum (fume or dust)	7429-90-5	tonnes	0	—	>10 to 100	6%	0	—	—
Arsenic	no single CAS applies	kg	>10000 to 100000	1%	0	—	>100 to 1000	-13%	Decrease in offsite transfer
Cadmium	no single CAS applies	kg	>1000 to 10000	19%	0	—	>10 to 100	-13%	Decrease in offsite transfer
Chromium	no single CAS applies	tonnes	>100 to 1000	-16%	0	—	>100 to 1000	7%	Decreased production
Lead	no single CAS applies	kg	>10000 to 100000	-3%	0	—	>1000 to 10000	-13%	Decrease in offsite transfer
Manganese	no single CAS applies	tonnes	>1000 to 10000	-13%	0	—	>1000 to 10000	7%	New source testing results
Mercury	no single CAS applies	kg	>10 to 100	-2%	0	—	0	—	—
Zinc	no single CAS applies	tonnes	>1000 to 10000	11%	0	—	>10 to 100	-13%	Decrease in offsite transfer
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	g TEQ	0	—	>0 to 1	7%	0	—	—
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	g TEQ	0	—	>0 to 1	67%	0	—	New source testing results
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	g TEQ	0	—	>0 to 1	42%	0	—	New source testing results
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	g TEQ	0	—	>0 to 1	76%	0	—	New source testing results
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	g TEQ	0	—	>0 to 1	85%	0	—	New source testing results
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	g TEQ	0	—	>0 to 1	33%	0	—	New source testing results
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	g TEQ	0	—	>0 to 1	91%	0	—	New source testing results
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	g TEQ	0	—	>0 to 1	8%	0	—	—
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	g TEQ	0	—	>0 to 1	-2%	0	—	—
Octachlorodibenzofuran	39001-02-0	g TEQ	0	—	>0 to 1	-13%	0	—	New source testing results
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	g TEQ	0	—	>0 to 1	>100%	0	—	New source testing results
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	g TEQ	0	—	>0 to 1	>100%	0	—	New source testing results
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	g TEQ	0	—	>0 to 1	>100%	0	—	New source testing results
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	g TEQ	0	—	>0 to 1	69%	0	—	New source testing results
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	g TEQ	0	—	>0 to 1	>100%	0	—	New source testing results
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	g TEQ	0	—	>0 to 1	-10%	0	—	New source testing results
Octachlorodibenzo-p-dioxin	3268-87-9	g TEQ	0	—	>0 to 1	-12%	0	—	New source testing results
Hexachlorobenzene	118-74-1	g	0	—	>1000 to 10000	-12%	0	—	New source testing results

Toxic Substance	CAS No.	Units	Used		Created		Contained in Product		Comment if Change > +/- 10%
			Tonnes in 2017	% Change from 2016	Tonnes in 2017	% Change from 2016	Tonnes in 2017	% Change from 2016	
PM	N/A	tonnes	0	—	>100 to 1000	-11%	0	—	Changes in estimation methods
PM 10	N/A	tonnes	0	—	>10 to 100	-17%	0	—	Changes in estimation methods
PM 2.5	N/A	tonnes	0	—	>10 to 100	-26%	0	—	Changes in estimation methods
Carbon monoxide	630-08-0	tonnes	0	—	>10 to 100	-22%	0	—	Changes in estimation methods
Nitrogen oxides	11104-93-1	tonnes	0	—	>100 to 1000	-2%	0	—	—
Sulphur dioxide	7446-09-5,	tonnes	0	—	>10 to 100	-39%	0	—	Changes in estimation methods
Calcium fluoride	7789-75-5	tonnes	>100 to 1000	5%	0	—	0	—	—
Acenaphthylene	208-96-8	kg	0	—	>10 to 100	-13%	0	—	Changes in estimation methods
Fluoranthene	206-44-0	kg	0	—	>1 to 10	-13%	0	—	Changes in estimation methods
Fluorene	86-73-7	kg	0	—	>1 to 10	-13%	0	—	Changes in estimation methods
Phenanthrene	85-01-8	kg	0	—	>10 to 100	-13%	0	—	Changes in estimation methods
Pyrene	129-00-0	kg	0	—	>1 to 10	-13%	0	—	Changes in estimation methods
Quinoline	91-22-5	kg	0	—	>1 to 10	-13%	0	—	—

If applicable, the name, position and telephone number of the individual who is the contact at the facility for the public:

Public Contact (if applicable):

Joel Campbell
Title Environment, Health, Safety, and Security - Director
Phone Number 613-675-6648

As of June 1, 2017, I certify that I have read the reports on the toxic substance reduction plans for the above substances 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 the Act.

The original version of this report is signed off by: Highest Ranking Employee:

Joe Olenick
Title: General Manager
Phone Number: 613-675-4671