Toxics Reduction Act Public Annual Report for 2015 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 2015 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:	472		

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 2015	% Change from 2014	Tonnes in 2015	% Change from 2014	Tonnes in 2015	% Change from 2014	
Aluminum (fume or dust)	7429-90-5	tonnes	0	—	>10 to 100	43%	0	—	Increase in concentration from EAF baghouse dust
Arsenic	no single CAS applies	kg	>10000 to 100000	-9%	0	—	>100 to 1000	<1%	—
Cadmium	no single CAS applies	kg	>1000 to 10000	74%	0	—	>10 to 100	<1%	Increase in concentration from EAF baghouse dust
Lead	no single CAS applies	kg	>10000 to 100000	14%	0	—	>1000 to 10000	<1%	Increase in production
Manganese	no single CAS applies	tonnes	>1000 to 10000	-8%	0	—	>1000 to 10000	<1%	—
Mercury	no single CAS applies	kg	>10 to 100	3%	0	—	0	—	—
Zinc	no single CAS applies	tonnes	>1000 to 10000	22%	0	—	>10 to 100	<1%	Increase in concentration from EAF baghouse dust
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	g TEQ	0	—	>0 to 1	>100%	0	—	Change in source testing results for 2015
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	g TEQ	0	—	>0 to 1	>100%	0	—	"
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	g TEQ	0	—	>0 to 1	33%	0	—	"
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	g TEQ	0	—	>0 to 1	>100%	0	—	"
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	g TEQ	0	—	>0 to 1	>100%	0	—	"
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	g TEQ	0	—	>0 to 1	70%	0	—	"
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	g TEQ	0	—	>0 to 1	52%	0	—	"

Toxic Substance	CAS No.	Units	Used		Created		Contained in Product		Comment if Change > +/- 10%
			Tonnes in 2015	% Change from 2014	Tonnes in 2015	% Change from 2014	Tonnes in 2015	% Change from 2014	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	g TEQ	0	—	>0 to 1	42%	0	—	"
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	g TEQ	0	—	>0 to 1	34%	0	—	"
Octachlorodibenzofuran	39001-02-0	g TEQ	0	—	>0 to 1	1%	0	—	"
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	g TEQ	0	—	>0 to 1	67%	0	—	"
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	g TEQ	0	—	>0 to 1	11%	0	—	"
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	g TEQ	0	—	>0 to 1	>100%	0	—	"
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	g TEQ	0	—	>0 to 1	63%	0	—	"
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	g TEQ	0	—	>0 to 1	98%	0	—	"
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	g TEQ	0	—	>0 to 1	8%	0	—	"
Octachlorodibenzo-p-dioxin	3268-87-9	g TEQ	0	—	>0 to 1	3%	0	—	"
Hexachlorobenzene	118-74-1	g	0	—	>1000 to 10000	3%	0	—	"
PM	N/A	tonnes	0	—	>100 to 1000	14%	0	—	Increase in production
PM 10	N/A	tonnes	0	—	>10 to 100	45%	0	—	Increase in production
PM 2.5	N/A	tonnes	0	—	>10 to 100	>100%	0	—	Increase in production
Carbon monoxide	630-08-0	tonnes	0	—	>10 to 100	-10%	0	—	—
Nitrogen oxides	11104-93-1	tonnes	0	—	>100 to 1000	-19%	0	—	Decrease in the use of the emergency generators
Sulphur dioxide	7446-09-5,	tonnes	0	—	>10 to 100	-13%	0	—	Decrease in the use of the emergency generators
Calcium fluoride	7789-75-5	tonnes	>100 to 1000	-36%	0	—	0	—	Decreased usage
Acenaphthylene	208-96-8	kg	0	—	>10 to 100	<1%	0	—	—
Fluoranthene	206-44-0	kg	0	—	>1 to 10	<1%	0	—	—
Fluorene	86-73-7	kg	0	—	>1 to 10	<1%	0	—	—
Phenanthrene	85-01-8	kg	0	—	>10 to 100	-1%	0	—	—
Pyrene	129-00-0	kg	0	—	>1 to 10	<1%	0	—	—
Quinoline	91-22-5	kg	0	—	>1 to 10	—	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	Contract Environmental Engineer
Phone Number	613-675-6648

As of June 1, 2016, 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