

Toxic Substance Reporting, Public Summary for 2020 Reporting Year

1.0 INTRODUCTION

The Toxics Reduction Program requires regulated facilities with existing toxics substance reduction plans to:

- track and account for each prescribed substance at the facility: how it is used, created, released, recycled, disposed of, transferred and contained in product(s).
- submit an annual report to the ministry and make certain parts of the report available to the public and notify employees within five days of providing it to the public.
- ensure that the most current toxic substance reduction plan summary remains posted online.

Arriscraft Canada Inc. (hereafter “Arriscraft”) manufactures stone and brick for the residential and commercial market. The facility manufactures artificial stone architectural blocks and cuts natural limestone for masonry veneer.

2.0 FACILITY INFORMATION

Basic Facility Information:		
Company Legal Name	Arriscraft Canada Inc.	
Facility Name	Arriscraft Canada Inc.	
Facility Address	Physical Address: 875 Speedsville Road Cambridge, ON N3H 4S8	Mailing Address: 875 Speedsville Road Cambridge, ON N3H 4S8
Spatial Coordinates of Facility	552677 m Easting, 4807351 m Northing (UTM NAD83 Zone 17)	
Number of Employees	165	
NPRI ID	10077	
Primary North American Industrial Classification System Code (NAICS):		
2 Digit NAICS Code	31-33 - Manufacturing	
4 Digit NAICS Code	3279 – Other Non-Metallic Mineral Product Manufacturing	
6 Digit NAICS Code	327990 – All Other Non-Metallic Mineral Product Manufacturing	
Contact Information:		
Facility Public Contact	Jason Nieman, P. Eng. Director of Production	Arriscraft Canada Inc.
	jason.nieman@arriscraft.com	875 Speedsville Road Cambridge, ON N3H 4S8
	(519) 653-3275	

3.0 PRESCRIBED TOXIC SUBSTANCES INFORMATION

Three toxic substances were identified on-site. This report is being prepared for manganese and its compounds (CAS Number NA - 09), particulate matter \leq 2.5 microns (PM2.5) (CAS Number NA – M10) and particulate matter \leq 10 microns (PM10) (CAS Number NA - M09).

PM10 and PM2.5 are created as a by-product. The substances are created at the facility as a result of handling raw materials, as well as processes involving the raw materials and fuel combustion.

Manganese is contained in a pigment used for bricks, as well as welding electrodes/wires.

4.0 TOXIC REDUCTION OPTIONS, OBJECTIVES AND PROGRESS

No reduction options of PM10, PM2.5 or manganese were implemented during this reporting year.

Reduction options for PM10 and PM2.5 were completed during previous reporting years and the appropriate timelines were met.

Although Arriscraft does not intend to reduce the use of manganese, they will continue to conduct further research to identify new reduction options and to keep up with industry standards with regards to manganese pollution prevention.

No amendments were made for any of the toxic substances TRA plans during the reporting year.

5.0 PRESCRIBED TOXIC SUBSTANCES ACCOUNTING

To quantify these substances under the Toxics Reduction act, the facility utilized facility-wide information including estimate of creation/usage, amount released to air and amount recycled off-site. Table 1 provides information on the accounting for the 2020 calendar year with comparisons to the previous year.

The amounts of the toxic substances decreased due to a decrease in production levels.

Note that there was no change in method used to track and quantify the toxic substances, and no significant process changes at the facility during this reporting period. Also, no incident outside of normal operations at the facility occurred during this reporting period that may have affected the quantification results.

Table 1 Prescribed Substance Accounting for the 2020 Reporting Year

Substance	Reporting Year	MPO/Used/Created			Released to Air			Recycled			Contained in Product		
		Quantity	Change	Change	Quantity	Change	Change	Quantity	Change	Change	Quantity	Change	Change
		tonnes	tonnes	%	tonnes	tonnes	%	tonnes	tonnes	%	tonnes	tonnes	%
		MPO/Used											
Manganese (and its compounds) CAS NA - 09	2020	>10 to 100	-4.64	-5.31%	>0 to 1	-0.001	-33.33%	>10 to 100	-2.4	-16.55%	>10 to 100	-6.31	-9.47%
	2019	>10 to 100			>0 to 1			>10 to 100			>10 to 100		
		MPO/Created											
PM10 CAS NA - M09	2020	>1 to 10	-0.092	-7.87%	>1 to 10	-0.092	-7.87%	N/A	N/A	N/A	N/A	N/A	N/A
	2019	>1 to 10			>1 to 10			N/A			N/A		
PM2.5 CAS NA - M10	2020	>0 to 1	-0.011	-1.40%	>0 to 1	-0.011	-1.40%	N/A	N/A	N/A	N/A	N/A	N/A
	2019	>0 to 1			>0 to 1			N/A			N/A		

6.0 CERTIFICATION

As of September 30, 2021, I, Jason Nieman, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below 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 that Act.

Manganese (and its compounds)

PM10 - Particulate Matter \leq 10 Microns

PM2.5 - Particulate Matter \leq 2.5 Microns

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by signing below I am signing the statement(s). I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

Jason Nieman, P. Eng.

Director of Production

Arriscraft Canada Inc.

(Highest Ranking Employee)