

**2016 TOXIC REDUCTION PLAN SUMMARY**  
**for**  
**Lead (and its compounds) (CAS # NA - 08)**

**BASIC FACILITY INFORMATION**

<b>Facility Identification</b>	
<b>Facility Name</b>	ASSA ABLOY DOOR GROUP INC - Fleming Baron
<b>NPRI ID</b>	29449
<b>Ontario MOE ID Number</b>	n/a
<b>Number of Full-time Employees</b>	183
<b>2 Digit NAICS</b>	33
<b>4 Digit NAICS</b>	3323
<b>6 Digit NAICS</b>	332321
<b>UTM Spatial Coordinates (NAD83)</b>	Latitude: 44.77458 Longitude: -79.62053 UTM Zone: 17 UTM Easting: 611012 UTM Northing: 4847765
<b>Facility Address</b>	101 Ashbridge Circle, Woodbridge, Ontario L4L 3R5

<b>Technical Contact, Certifying Official, Highest Ranking Employee</b>	
<b>Name</b>	Steven Everitt
<b>Position</b>	Director of Operations
<b>Address</b>	101 Ashbridge Circle, Woodbridge, Ontario L4L 3R5
<b>Phone Number</b>	(416) 749-2111
<b>Fax Number</b>	(905) 851-8346
<b>Email address</b>	<a href="mailto:Steve.Everitt@assaabloy.com">Steve.Everitt@assaabloy.com</a>

<b>Public Contact</b>	
<b>Name</b>	Betsy Rampersad
<b>Position</b>	Supply Chain Manager
<b>Address</b>	101 Ashbridge Circle, Woodbridge, Ontario L4L 3R5
<b>Phone Number</b>	416-749-2111
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<b>Email address</b>	<a href="mailto:Betsy.Rampersad@assaabloy.com">Betsy.Rampersad@assaabloy.com</a>

<b>Toxic Substances for Which Facility Must Prepare Plan</b>	
<b>Substance Name</b>	<b>Chemical Abstracts Service (CAS) Registry Number</b>
Lead (and its compounds)	NA - 08

<b>Plan Contact Information</b>	
<i>Person Coordinating the Preparation of the Plan</i>	
<b>Name</b>	Mihaela Draghici
<b>Position</b>	Environmental Consultant
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<i>Person Who Prepare the Plan</i>	
<b>Name</b>	Mihaela Draghici
<b>Position</b>	Environmental Consultant
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<i>Planner Responsible for Making Recommendations</i>	
<b>Name</b>	Mihaela Draghici
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<b>Planner License Number:</b>	TSRP0131
<i>Planner Responsible for Certification</i>	
<b>Name</b>	Mihaela Draghici
<b>Position</b>	Environmental Consultant
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<b>Planner License Number:</b>	TSRP0131

## STATEMENT OF INTENT - Lead

Fleming Baron is committed to play a leadership role in protecting the environment. Whenever feasible, we intend to reduce the use and off-site transfer in compliance with all Federal and Provincial Regulations. Our employees are encouraged to participate in all types of toxic reduction activities. Toxic reduction will be an ongoing effort for Fleming Baron and we will continue to monitor technological advancements to ensure that reduction options that are both technological and financially viable are implemented at our facility.

## OBJECTIVES OF THE PLAN AND TARGETS

Fleming Baron is planning to reduce the use of Lead. The options that will be implemented are: Purchase lead sheets with different width in order to reduce the quantity of scrap generated under Category 6: Improved Inventory Management of Purchasing Techniques and raining and improved operating practices for Lead will be the focus on future continual improvement initiative under Category 7: Training or Improved Operation Practices. Fleming Baron intends to reduce the use of Lead by 5.0 per cent (18.86 kg) by the end of 2019.

## FACILITY DESCRIPTION – Description of why Lead is used and/or created

Lead sheets are used at the facility to manufacture lead lined x-ray doors that are suited to hospitals. Lead line door sets incorporate lead sheeting in a range of thicknesses. This protection extends through the door frames, forming an effective barrier to radiation in all directions. Based on the customer demands only frames and/or frames and doors are protected with lead. A Lead liner is glued inside the half galvanneal steel frames and one side of door. Lead is not created at the Facility.

## OPTION TO BE IMPLEMENTED OR STATEMENT THAT NONE ARE TO BE IMPLEMENTED

### Identification of Options

The following options have been identified for implementation to reduce the use, air release and off-site transfer of Lead:

Option 1: Purchase lead sheets with different width in order to reduce the quantity of scrap generated.

### Anticipated Reductions from the implementation of purchasing lead sheets with different width in order to reduce the quantity of scrap generated - Improved Inventory Management of Purchasing Techniques Category

	Used	Created	Contained in Product	On-site Releases (tonnes/year)			Disposal (tonnes/year)		Transfer Off-Site for Recycling & Treatment (tonnes/year)
	(tonnes/year)	(tonnes/year)	(tonnes/year)	Air	Water	Land	On-site	Off-site	
Baseline	377.200	0.000	339.480	0.000	0.000	0.000	0.000	0.000	37.720
New Estimated Amount	367.770	0.000	339.480	0.000	0.000	0.000	0.000	0.000	28.290
Reduction	9.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.430
% Reduction	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%

### Timelines for achieving the estimated reduction in use and or creation

-Purchase lead sheets with different width in order to reduce the quantity of scrap generated – to be implemented by March 2018 with some reductions in use anticipated in 2018 and full estimated reductions at the end of 2019.

Option 2: Training and improved operating practices for Lead will be the focus on future continual improvement initiative.

### Anticipated Reductions from the implementation of using training and improved operating practices for Lead will be the focus on future continual improvement initiative - Training or Improved Operation Practices Category

	Used	Created	Contained in Product	On-site Releases (tonnes/year)			Disposal (tonnes/year)		Transfer Off-Site for Recycling & Treatment (tonnes/year)
	(tonnes/year)	(tonnes/year)	(tonnes/year)	Air	Water	Land	On-site	Off-site	
Baseline	377.200	0.000	339.480	0.000	0.000	0.000	0.000	0.000	37.720
New Estimated Amount	367.770	0.000	339.480	0.000	0.000	0.000	0.000	0.000	28.290
Reduction	9.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.430
% Reduction	2.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%

### Timelines for achieving the estimated reduction in use and or creation

The timelines for achieving the estimated reduction in use and of Lead is:

-Purchase lead sheets with different width in order to reduce the quantity of scrap generated – to be implemented by March 2018 with some reductions in use anticipated in 2018 and full estimated reductions at the end of 2019.

## STATEMENT THAT THE PLAN SUMMARY REFLECTS THE PLAN

This Plan Summary accurately reflects the Toxic Reduction Plan for Lead (and its compounds) (CAS NA-08) dated December 15, 2017.

**CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of December 15, 2017, I, Steven Everitt, certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

[Lead (and its compounds)]

December 15, 2017



December 15, 2017

Date

Steven Everitt  
Director of Operations  
ASSA ABLOY DOOR GROUP INC - Fleming Baron  
(Highest Ranking Employee)

**CERTIFICATION BY LICENSED PLANNER**

As of December 15, 2017, I, Mihaela Draghici, certify that I am familiar with the processes at ASSA ABLOY DOOR GROUP INC - Fleming Baron that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 15, 2017 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Lead (and its compounds)]

December 15, 2017



December 15, 2017

Date

Mihaela Draghici  
Environmental Consultant  
Envirovision Inc.  
Toxic Substance Reduction Planner, TSRP0131