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# Toxics Reduction Plan Summary

**Manganese**  
(CAS # - NA-09)

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**Prepared for:**  
Arriscraft International LP  
875 Speedsville Road  
Cambridge, ON  
N3H4S8

**Prepared by:**  
Airzone One Ltd.  
222 Matheson Blvd E  
Mississauga, ON  
L4Z 1X1

December 19, 2016

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## 1.0 Introduction

In 2012, Arriscraft prepared two TRA plans for PM10 and PM2.5, which included reduction options. Prior to 2015, those reduction options had been implemented successfully. In 2015, there were new distinct processes included in the calculations that created PM10 and PM2.5 (which were not described in the previous versions of the plans), as well as some adjustments to calculation methods. Therefore, those two plans required revision. In addition, a new substance was reported (manganese) in the 2015 reporting year and requires a substance plan.

### 1.1. *General Information*

The facility is located at 875 Speedsville Road, Cambridge, Ontario. This plan is for manganese (CAS#-NA-09). Plans for PM10 (CAS#-NA-M09) and PM2.5 (CAS#-NA-M10) have also been prepared for this facility.

**Table 1-1 - General Facility Information**

<b>NPRI Number</b>	10077
<b>O. Reg. 127/01 Number</b>	N/A
<b>Number of full time employee equivalents</b>	152
<b>NAICS Code (2 digit)</b>	31-33 - Manufacturing
<b>NAICS Code (4 digit)</b>	3279 - Other Non-Metallic Mineral Product Manufacturing
<b>NAICS Code (6 digit)</b>	327990 - All Other Non-Metallic Mineral Product Manufacturing
<b>UTM Coordinates</b>	17 N 552677 m E, 4807351m N
<b>Company Legal Name</b>	Arriscraft International LP
<b>Company Trade Name</b>	Arriscraft International LP

## 1.2. *Plan Contacts*

A list of the individuals involved in the planning process is provided below:

<b>Public Contact</b> Peter Schmidt Vice President, Production and Administration 875 Speedsville Road Cambridge, ON N3H 4S8 Tel: (519) 653-3275 <a href="mailto:peter.schmidt@arriscraft.com">peter.schmidt@arriscraft.com</a>
Planner TRA Licence #: TSRP0223

## 2.0 Facility's Intent, Objectives and Targets

### 2.1. *Use*

The act requires that a facility include a statement of intent to reduce the use of the prescribed toxic substance. If the facility does not provide a statement of intent it must provide a reason why it does not intend or why it is not possible to reduce the use of the toxic substance. In addition to this, the facility is required to provide a list of objectives.

#### **Statement of intent:**

The facility does not have a statement of intent for the use of manganese. However, Arriscraft does intend to continue to monitor current research on reducing manganese use.

#### **Reason why the facility does not have a statement of intent:**

Arriscraft does not intend to reduce manganese because there are no reduction options feasible at this time.

**Objectives:** (a list of objectives to reduce if any)

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.

**Quantity Target (if any):**

No target

**Target Timeline:**

No timeline

**Reason why toxic substance is used at the facility:**

As a formulation component.

**2.2. Creation**

The act requires that a facility include a statement of intent to reduce the creation of the prescribed toxic substance. If the facility does not provide a statement of intent it must provide a reason why it does not intend or why it is not possible to reduce the creation of the toxic substance.

**Statement of intent:** The facility does not have a statement of intent.

**Reason why the facility does not have a statement of intent:**

The facility does not create the subject substance at the facility; therefore it is not required to provide a statement of intent on the creation of this substance.

**Objectives:** N/A.

**Quantity Target:** N/A.

**Target Timeline:** N/A.

**Reason why toxic substance is created at the facility:** (from drop down menu options)

N/A.

### **3.0 Facility's Goals**

There are no reasonable reduction options for this substance and many of the reduction options possible have already been implemented in the past.

### **4.0 Facility TRA Plan (info)**

This plan summary is accurate, up to date and reflects the current facility version of the Toxic Reduction Plan.

### **5.0 Signed Certification Statements**

**Certification by highest ranking employee**

As of December 19, 2016 [date], I, Peter Schmidt, 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.

**Manganese**

Signed:

A handwritten signature in black ink that reads "Peter Schmidt". The signature is written in a cursive style with a large initial "P".

Peter Schmidt

**Arriscraft International LP**

## **Certification by toxic substance reduction planner**

As of December 19, 2016 [date], I, Franco DiGiovanni, certify that I am familiar with the processes at Arriscraft International LP 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 19, 2016 [version date] and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

### **Manganese**

Signed:



Franco DiGiovanni

**Airzone One Ltd.**