

## Ontario Toxics Reduction Plan Summary Public Disclosure – 2012

### Facility Details

Facility Name: Samuel Plate Sales  
Address: 12 Teal Ave., Stoney Creek, ON L8E 3Y5  
NPRI Identification Number: 11782  
Two Digit NAICS Code: 31-33 - Manufacturing  
Four Digit Naics Code: 3323 – Architectural & Structural Metal Mfg.  
Six Digit NAICS Code: 332319 – Other Plate Work & Structural Product Mfg.  
Number of Full-Time Employees: 40  
UTM Spatial Co-ordinates: X (E) 602996; Y (N) 4787848 (- 79.7315, 43.2364)

### Parent Company Details

Legal Name of Parent Company: Samuel Son & Co.  
Address of Parent Company: 2360 Dixie Road, Mississauga, ON L4Y 1Z7  
Percentage of facility Owned by Parent Company: 100%

### Public Contact at Facility

Name: Rico de Angelis  
Position: Operations Manager  
Address: 12 Teal Ave., Stoney Creek, ON L8E 3Y5  
Office Phone Number: (905) 573-9818 x 3038

### Facility Description

Samuel Plate Sales produces cut-to-order steel plate from cold and hot rolled sheet steel. Large sheets of carbon steel plate ranging in thickness from ½ inch to 6 inches are received and cut into specified sizes and shapes at Samuel Plate Sales. Physical processes such as cutting and grinding (as required) are used at the facility, with cuts made by plasma or flame gas (oxygen). There is no chemical conversion processes in use at Samuel Plate Sales.

### Substances Information

Manganese (CAS #7439-96-5), as a component of carbon steel processed at the facility, will be released from the facility in product steel, as scrap or as slag or dust.

### Substance Accounting Details

Process Type	Manganese (CAS # 7439-96-5) (tonnes/year)
Enters (total)	>100 to 1000
Created	0
In/on Product	>100 to 1000
Released, as Air Emissions	>0 to 1
Released on-site to land	0
Released to water	0
Released, Transferred for Recycling	>10 to 100
Released to Disposal	0

**Historical Comparison**

As this is the first toxic reduction plan prepared for Samuel Plate Sales, no historical comparison data is available.

**Reduction Plan Objectives and Targets:**

As manganese is a key component in the steel brought into the facility, its' elimination is not a viable option. Manganese is an essential component providing the necessary strength to the steel processed at Samuel Plate Sales.

Samuel Plate intends to reduce the releases of residues of manganese by 5 % over the next 5 to 8 years.

**Reduction Options Under Consideration for Implementation:**

Ongoing Best Operating Practices such as minimizing skeleton sizes for recycling and using remnants (drops) for secondary products will continue to be implemented. A "Filler Part Program" will be implemented, where applicable, to reduce scrap sent for recycling.

**Additional Actions and Their Impact on Substance Use, Creation and Discharge:**

Annual P2 training and annual review of Best Operating Practices will be implemented for continued improvement.

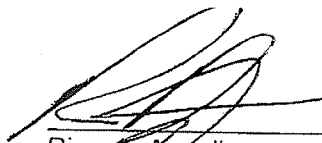
**Amendments or Changes to Toxic Reduction Plans During Report Period:**

No amendments or changes have been made to the facility's toxics reduction plans.

**Copy of Certification:**

As of December 14, 2012 I, Rico de Angelis, certify that I have read the report on the toxic substance reduction plan for the toxic substance referred to below and am familiar with its/their contents, and to my knowledge the information contained in the report(s) is factually accurate and complies with the Toxics Reduction Act 2009 and Ontario Regulation 455/09 (General) made under that Act.


[Manganese]

  
\_\_\_\_\_  
Rico de Angelis  
Operations Manager, Samuel Plate Sales (Highest Ranking Employee)

December 14, 2012

\_\_\_\_\_  
Date

As of December 13, 2012, I certify that I am familiar with the processes at Samuel Plate Sales that use manganese, 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 13, 2012 and that the plan complies with the Act and Ontario Regulation 455/09 (General) made under that Act.

  
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J.M. (Michael) Laplante, P.Eng.  
Toxic Substance Reduction Planner (Licence Number TSRP0035)  
Altech Environmental Consulting Ltd.

December 13, 2012

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Date