

Ontario Toxics Reduction Plan Summary Public Disclosure – 2012

Facility Details

Facility Name: Nelson Steel Inc.
Address: 400 Glover Road, Stoney Creek, ON L8E 5X1
NPRI Identification Number: 5768
Two Digit NAICS Code: 31 – 33 - Manufacturing
Four Digit Naics Code: 3312 – Steel Product Mfg. From Purchased Steel
Six Digit NAICS Code: 331221 – Cold-Rolled Steel Shape Mfg.
Number of Full-Time Employees: 85
UTM Spatial Co-ordinates: X(E): 607510; Y(N): 4786407; (-79.6762, 43.2228)

Parent Company Details

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

Public Contact at Facility

Name: Pat Leone
Position: Manager, Quality Assurance
Address: Nelson Steel Inc., 400 Glover Rd,
Stoney Creek, ON L8E 5X1
Office Phone Number: (905) 643-8064 x 2121

Facility Description

Nelson Steel processes hot rolled steel coils at the Stoney Creek facility. Coils of steel from storage are directed to the pickling line where they are uncoiled, pass through a hydrochloric acid pickling bath, rinsed, dried and recoiled. Coils may then be uncoiled, mechanically cut and recoiled in another part of the plant.

Substances Information

Hydrochloric acid (CAS # 7647-01-1) is used at the Facility in its acid pickling process.

Substance Accounting Details

Process Type	Hydrochloric Acid (CAS # 7647-01-1) (tonnes/year)
Enters (total)	>1000 to 10,000
Created	0
In/on Product	0
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 Nelson Steel, no historical comparison data is available.

Reduction Plan Objectives and Targets:

Nelson Steel does not have a target for reducing the releases of hydrochloric acid. Using efficient process control and best operating practices, the facility has achieved minimum use of hydrochloric acid for its operations. Any further reduction will adversely affect production. No additional reductions can be achieved without technological innovations in hydrochloric acid use and recovery.

Reduction Options Under Consideration for Implementation:

Until there are technological advancements in the use, recovery and control of hydrochloric acid, there are no further actions that can be undertaken at Nelson Steel.

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

Nelson Steel will continue to follow best operating practices and apply effective SPC control of hydrochloric acid use, regular inspections and a comprehensive routine maintain program to ensure current minimal use and releases of hydrochloric acid. Nelson Steel ensures regular training and refresher courses in best operating practices and makes staff well aware of pollution prevention practices. As such, additional training to current practices is not required.

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 18, 2012, I, Gillian White, certify that I have read the toxic substance reduction plan for hydrochloric acid 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.



Gillian White
General Manager, Nelson Steel (Highest Ranking Employee)

December 19, 2012

Date

As of December 18, 2012, I, J.M. (Michael) Laplante, certify that I am familiar with the processes at Nelson Steel that use hydrochloric acid, 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 18, 2012 and that the plan complies with the Act and Ontario Regulation 455/09 (General) made under that Act.



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

December 18, 2012

Date