

Ontario Toxics Reduction Plan Summary Public Disclosure – Year 2014

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: 332810 – Coating, Engraving, Heat Treating and Allied Activities
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

Particulate Matter less than 2.5 microns (PM2.5) (CAS #NA-M10) is created and released at the facility from road dust and natural gas combustion.

Substance Accounting Details

Source	PM2.5 (tonnes/yr)
Enters (total)	0
Created	>0 to 1
In/on Product	0
Released, as Air Emissions	>0 to 1
Released on-site to land	0
Released to water	0
Released, for Recycling	0
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 PM2.5. Using effective road coating practices, the facility has achieved minimum creation of PM2.5. Nelson will continue to monitor industry practices and standards and will apply innovative approaches to minimize the creation of PM2.5 as new methods become available.

Reduction Options Under Consideration for Implementation:

Until there are technological advancements in minimizing PM2.5 generation during natural gas combustion and travel on unpaved roads, 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 by regularly applying surface oiling to prevent dust creation and optimize coil storage to minimize the distance traveled by the tow motor. These practices will ensure current minimal creation and releases of PM2.5. Nelson Steel will continually review economical methods of road dust minimization.

Amendments or Changes to Toxic Reduction Plans During Report Period:

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

PLAN CERTIFICATION

As of April 13, 2016, I, Ralph Benincasa, certify that I have read the toxic substance reduction plan for Particulate Matter less than 2.5 microns 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.



Ralph Benincasa
General Manager, Nelson Steel (Highest Ranking Employee)

April 14, 2016

Date

As of April 13, 2016, I, J. Michael Laplante, certify that I am familiar with the processes at Nelson Steel that create particulate matter less than 2.5 microns, 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 April 13, 2016 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.

April 13, 2016

Date