

SUMMARY
TOXIC SUBSTANCE REDUCTION PLANS

TENNECO CANADA

CAMBRIDGE

CHROMIUM

MANGANESE

NICKEL

January 19, 2013

Statement of Intent and Objectives of the Plan

Statement of Intent: Chromium, Manganese and Nickel are currently used by Tenneco Automotive in multiple processes involving three operating stages at the Cambridge facility. We intend to reduce the use of Chromium, Manganese and Nickel at this facility. Neither Chromium, Manganese nor Nickel is created at the facility and therefore this Plan will not address reducing its creation. There are no technically feasible options identified for implementation for the Tenneco Automotive, Cambridge facility for reduction of the use of Chromium, Manganese or Nickel at this time.

Objective: Tenneco Automotive operates the Cambridge facility with the commitment to minimizing the impacts of the operation on the employees, the environment and the surrounding community. Tenneco Automotive will continue to pursue options that are technically and economically achievable for the reduction of the use of Chromium, Manganese and Nickel.

Facility Information

Facility Name:	Tenneco Automotive
NPRI Identification Number:	5672
ON Reg 127/01 ID Number:	183300
Two Digit NAICS Code:	33
Four Digit NAICS Code:	3363
Six Digit NAICS Code:	336390
Number of Full-time Employees:	200 450
UTM Spatial Coordinates (NAD83):	Latitude: 555064
	Longitude: 4805020
	Datum: NAD 83

Owner of the Facility Information

Name: Tenneco Canada

Operator of the Facility Information

Name: Tenneco Canada
Address: 500 Conestoga Blvd., Cambridge, ON N1R 5T7
Phone Number: (519) 621 3360 x266
Fax Number: (519) 740-4430
Email: tmelo@tenneco.com

Toxic Substances for Which Facility Must Prepare Plan:

Substance 1	Nickel
CAS Number:	**
Substance 2	Manganese
CAS Number:	**
Substance 3	Chromium
CAS Number:	**

Public Contact

Name: Paul Westlake
Position: Health, Safety and Environment Coordinator
Address: 500 Conestoga Blvd., Cambridge, ON N1R 5T7
Phone Number: (519) 621-3360
Fax Number: (519) 740-4430
Email: pwestlake@tenneco.com

Tenneco Automotive manufactures exhaust system components in various configurations for transportation equipment customers according to product specifications. Steel alloys containing Chromium, Manganese and Nickel as constituent components are pressed and formed to shape, welded, and assembled according to the product specifications prior to shipment to the customer. Metal residues from the pressing, forming and bending operations containing Chromium, Manganese and Nickel are transferred to facilities off-site for metal recovery and recycling. Chromium, Manganese and Nickel are used in the formulation of the steel alloys to promote characteristics of the alloy desirable for the intended use of the stainless steel alloy product being manufactured.

There have been no options for reduction of the use of chromium, manganese or nickel selected for implementation at this time due to the restrictions of materials of construction composition imposed on Tenneco by the technical specifications of product customers.

This Plan Summary accurately reflects the content of the Toxic Substance Reduction Plans dated January 19, 2013, prepared for Chromium, for Manganese and for Nickel at Tenneco, Cambridge.

As of January 24, 2013, I, Tony Melo, confirm that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and with the exception of the regulatory deadline, comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Conflicting internal priorities and production demands did not allow limited internal resources to complete the submission prior to the regulatory deadline.

Chromium
Manganese
Nickel



Tony Melo
Plant Manager, Tenneco Canada.
(Highest Ranking Employee)

01/24/13

Date

As of January 24, 2013, I, Tim Boose confirm that I am familiar with the processes at Tenneco Canada that use or create the toxic substances 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 January 19, 2013 and that with the exception of the regulatory deadline, the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Chromium
Manganese
Nickel



Tim Boose
Toxic Substance Reduction Planner
License # TSRP0095

01/24/13

Date