

SUMMARY

TOXIC SUBSTANCE REDUCTION PLANS

TENNECO CANADA

CAMBRIDGE

COPPER

November 5, 2015

Statement of Intent and Objectives of the Plan

Statement of Intent: Copper are currently used by Tenneco Automotive in multiple processes involving three operating stages at the Cambridge facility. We intend to reduce the use of Copper at this facility. Copper 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 Copper.

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:	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 (in a different Plan)	Nickel
CAS Number:	**
Substance 2 (in a different Plan)	Manganese
CAS Number:	**
Substance 3 (in a different Plan)	Chromium
CAS Number:	**
Substance 4 (in this Plan)	Copper
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 Copper 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 Copper are transferred to facilities off-site for metal recovery and recycling. Copper 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 Plan dated October 9, 2015, prepared for Copper at Tenneco, Cambridge.

As of November 5, 2015, 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.

Copper




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

11/05/15
Date

As of November 5, 2015, 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 October 9, 2015 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.

Copper



Tim Boose
Toxic Substance Reduction Planner
License # TSRP0095

11/05/15
Date