

Toxic Substance Plan Summary

Company Name: Belden Canada –
Cobourg Facility
Address: 130 Willmott St
Cobourg, ON
K9A 4M3

Number of Employees	95	UTM Spatial Coordinates	43.95970 -78.12970
NAICS Code	335920	NPRI ID #	0000002670
		Ontario MOE ID #	NA

Facility Public Contact	Tanya Pardy		
Position	HR Mgr.		
Phone #:	(905) 372-8713	Email	Tanya.pardy@belden.com

Toxic Substances	CAS #
Antimony	NA-01
Copper	NA-06

Toxic Reduction Policy Statement of Intent

Copper and Antimony are currently used by the facility in multiple processes. We intend to reduce the use of copper and antimony, through a combination of reducing the amount of product scrap generated and efforts to internally recycle this scrap back into our processes. This facility does not create Copper or Antimony; therefore this plan will not address reducing its creation.

Reduction Objectives

Belden Canada prides itself on technological innovation and lean manufacturing principles in order to produce high quality products in an environmentally responsible manner. Belden Canada will strive to reduce the amount of copper disposed off-site. In addition, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Belden Canada prides itself on technological innovation and lean manufacturing principles in order to produce high quality products in an environmentally responsible manner. Belden Canada will strive to reduce the amount of antimony disposed off-site. It is assumed that with creation of scrap and the need for off-site disposal, the need for increased usage exists from remaking product. In addition, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Description of Substances

There are two Phase I toxic substances that require the development of a toxic substance reduction plan based on the criteria set out in the Toxics Reduction Act, 2009 and Ontario Regulation 455/09. The facility draws copper to the necessary size used in various wire and cable finished products. Antimony is a component in some of the plastics compounds used to insulate and jacket the wire and cable processes. With many manufacturing processes there is the potential for generation of scrap; this plan will focus on reducing the generation of scrap and finding alternative uses for the scrap material..

Toxic Substance Reduction Option to be Implemented

Antimony

TOXIC SUBSTANCE REDUCTION CATEGORY	DESCRIPTION OF REDUCTION
Equipment or process modifications	Purchase and install pod printer to allow quick printer changes when fixed printers malfunction. Fixed printer machines malfunction which causes insulated wire (copper substance) to be stripped and reinsulated. In some cases wire is remade.
On-site reuse or recycling	Install bleedout regrind machine at flow 3 & 4 work center. Installing regrind machines that can reuse PVC black bleedout scrap back into the process. It is anticipated that this option will reduce 20% of the bleedout scrap sent of site for recycling from compound inventory number T12432. In reducing the scrap generated, it is assumed we will reduce the need to process replacement material in the form of usage
Training or improved operating practices	Implementing Standard Work and kaizens to reduce the Variation between Operators and machines. Estimated scrap reductions expected to be 10% in 5 years. In reducing the scrap generated, it is assumed we will reduce the need to process replacement material in the form of usage.

Copper

TOXIC SUBSTANCE REDUCTION CATEGORY	DESCRIPTION OF REDUCTION
Equipment or process modifications	Purchase and install pod printer to allow quick printer changes when fixed printers malfunction
Training or improved operating practices	Implementing Standard Work, lean daily management tools and kaizens to reduce the Variation between operators and machines.

Plan Summary Statement

Belden Canada has completed a Toxic Substance Reduction Plan for their Cobourg facility and this plan has examined various options for the reduction in the use of antimony and copper. Of the fourteen (14) options developed and assessed in the plan, five of these options (Antimony Option #3, 5 and 7)(Copper Options 3 and 7) have been found to be technically and economically feasible. The implementation of these three options will result in a reduction in the use of antimony and copper over the next 5 years.

9. Plan Certifications for Copper and Antimony

As of December 28, 2012, I, Graham Torrie, certify that I have read the toxic substance reduction plan for the toxic substance referred to below 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.

Graham Torrie *Dec. 28/12*
Graham Torrie Date
Plant Manager, Belden Canada. (Highest Ranking Employee)

As of December 28, 2012, I, Stewart McLellan certify that I am familiar with the processes at Belden Canada that use or create the toxic substance 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 November 30, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substances

Copper: Plan Date November 30, 2012

Antimony: Plan Dated November 30, 2012

Stewart McLellan, TSRP0257 *Dec 28, 2012*
Stewart McLellan, C.E.T. Date
Toxic Substance Reduction Planner

Planner Id# TSRP0257