

SUMMARY

TOXIC SUBSTANCE REDUCTION PLANS

**MERIDIAN LIGHTWEIGHT
TECHNOLOGIES INC.**

STRATHROY

**COPPER
MANGANESE
ZINC**

December 24, 2012

Statement of Intent and Objectives of the Plan

Statement of Intent: Manganese, Copper and Zinc are currently used by Meridian in multiple processes involving two Strathroy facilities. We intend to reduce the use of Manganese, of Copper and of Zinc at these facilities. Manganese, Copper nor Zinc are created at the facilities and therefore this Plan will not address reducing their creation. There are no technically feasible options identified for implementation for the Meridian Strathroy facilities for reduction of the use of Manganese, of Copper nor of Zinc at this time.

Objective: Meridian operates the Strathroy facilities with the commitment to minimizing the impacts of the operations on the employees, the environment and the surrounding community. Meridian will continue to pursue options that are technically and economically achievable for the reduction of the use of Manganese, of Copper and of Zinc at these facilities.

Meridian casts, machines and assembles magnesium and aluminum alloy parts according to customer specifications. Ingots of magnesium alloy and of aluminum alloy containing manganese, copper and zinc as constituent components of the alloys are melted, cast and machined according to the product specifications prior to shipment to the customer. The component manganese, copper and zinc follow the movements of the metal alloys through the Facility processes. Magnesium alloy residues from the casting and machining operations are recycled in an in-house material recycling operation and are re-used as raw material supply. Magnesium alloy residues from melting, casting and machining operations are transferred to facilities off-site for metal recovery and recycling. Aluminum alloy residues from melting, casting and machining operations are recycled in-house and are transferred to facilities off-site for metal recovery and recycling.

Facility Information

Facility Name:	Meridian Lightweight Technologies Inc.
NPRI Identification Number:	7674, 7675
Two Digit NAICS Code:	33
Four Digit NAICS Code:	3315
Six Digit NAICS Code:	331523
Number of Full-time Employees:	480
UTM Spatial Coordinates (NAD83):	Latitude: 450167 449508 Longitude: 4756416 4759827 Datum: NAD 83

Owner of the Facility Information

Name: Meridian Lightweight Technologies Inc.

Operator of the Facility Information

Name: Meridian Lightweight Technologies Inc.
Address: 155 High Street E., Strathroy ON N7G 1H4
Phone Number: (519) 245-4040 x244
Fax Number: (519) 245-4620
Email: dlyons@meridian-mag.com

Toxic Substances for Which Facility Must Prepare Plan:

Substance 1	Manganese
CAS Number:	**
Substance 2	Copper
CAS Number:	**
Substance 3	Zinc
CAS Number:	**

Public Contact

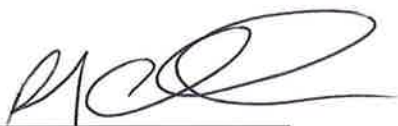
Name: Don Lyons
Position: HSE Specialist
Address: 155 High St. E., Strathroy, ON N7G 1H4
Phone Number: (519) 245-4040 x244
Fax Number: (519) 245-4620
Email: dlyons@meridian-mag.com

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

This Plan Summary accurately reflects the content of the Toxic Substance Reduction Plans dated December 18, 2012, prepared for Manganese, for Copper and for Zinc at Meridian, Strathroy.

As of December 24, 2012, I, Randy Chalmers, certify 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 comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Manganese
Copper
Zinc



Randy Chalmers
General Manager, Meridian Lightweight Technologies Inc.
(Highest Ranking Employee)

Dec. 24, 2012.
Date

As of December 24, 2012, I, Tim Boose, certify that I am familiar with the processes at Meridian Lightweight Technologies Inc. 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 December 24, 2012 and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Manganese
Copper
Zinc



Tim Boose
Toxic Substance Reduction Planner
Licence # TSRP0095

Dec 24/12
Date