

SUMMARY

TOXIC SUBSTANCE REDUCTION PLANS

MERIDIAN LIGHTWEIGHT

TECHNOLOGIES INC.

155 HIGH STREET

STRATHROY

COPPER

MANGANESE

ZINC

Version 2.0

April 13, 2017

Statement of Intent and Objectives of the Plan

Statement of Intent: Manganese, Copper and Zinc are currently used by Meridian in multiple processes at the High Street facility. We intend to reduce the use of Manganese, of Copper and of Zinc at this facility. Manganese, Copper nor Zinc are created at the facility and therefore this Plan will not address reducing their creation. There are no technically feasible options identified for implementation for the Meridian High Street facility 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
Two Digit NAICS Code: 33
Four Digit NAICS Code: 3315
Six Digit NAICS Code: 331523
Number of Full-time Employees: 300
UTM Spatial Coordinates (NAD83):
Latitude: 450167
Longitude: 4756416
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 April 13, 2017, prepared for Manganese, for Copper and for Zinc at Meridian, Strathroy.

As of April 18, 2017, I, Brent Wagar, 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



Brent Wagar

Plant Manager, Meridian Lightweight Technologies Inc.
(Highest Ranking Employee)

4/20/17

Date

As of April 18, 2017, 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 April 13, 2017 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

Apr 20/17

Date