

TOXIC SUBSTANCE REDUCTION PLAN SUMMARY FOR MANGANESE

Lincoln Electric Co. of Canada LP

Facility Information

Facility Name: Lincoln Electric Co. of Canada LP
Address: 179 Wicksteed Avenue, Toronto, ON M4G 2B9
NPRI Identification Number: 4521
Two Digit NAICS Code: 33
Four Digit NAICS Code: 3332
Six Digit NAICS Code: 333299
Number of Full-time Employees: 200
UTM Spatial Coordinates (NAD83): Latitude: 43.71120
Longitude: -79.35570

Plan Contacts

Public Contact:

Name: Jason Brisebois
Title: Director Human Resources and Communications
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Highest ranking employee:

Name: Adel Mir P.Eng
Title: President

Person responsible for the Toxic Substance Reduction Plan preparation:

Name: Frank Conroy
Title: Environmental, Health and Safety Manager

Statement of Intent and Objective of the Plan

Statement of Intent

Manganese is currently used by Lincoln Electric in one process. We intend to reduce the use of this toxic substance at the facility. This facility does not create manganese; therefore this plan will not address reducing its creation.

Objective

Lincoln Electric prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Lincoln Electric will strive to eliminate the use of manganese at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Planner Recommendations and Rationale

The planner's recommendations and rationale for those recommendations are appended to the plan. Please refer to Section 18.2 of the regulation for an outline of the requirements for planners' recommendations. If the planners feels that recommendations cannot be made in any of the categories listed, he or she must explain the reasons why in writing and append them to the plan. Guidance on the requirements for planners recommendations will be available as part of the training program to license toxic substance reduction planners.

Facility Wide Amounts and Comparison with Previous Period

Following are the Facility wide amounts of Manganese along with the comparison of the tracking and quantification results of the most recent reporting period with those of the prior reporting period. Values are in the ranges specified by the Ontario Ministry of the Environment.

	Used	Created	Contained in Product	Released
2016	100-1000 tonnes	0 tonnes	100-1000 tonnes	0 tonnes
2015	100-1000 tonnes	0 tonnes	100-1000 tonnes	0 tonnes
Change	1-10 tonnes	0 tonnes	1-10 tonnes	0 tonnes
Percentage	6.68%	0.00%	6.92%	0.00%

Plan Certification for Manganese

As of May 31, 2017, I, Adel Mir, 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.
[Manganese]



Adel Mir P.Eng
President, Lincoln Electric (Highest Ranking Employee)

05/31/17
Date