

Report:

Laurel Steel 2017 Toxic Reduction Plan

Date: June 1, 2018

1. SUMMARY

Laurel Steel is providing this Toxic Reduction Accounting Report to fulfill its annual Toxic Reduction Act (TRA) and Ontario Regulation 455/09 public reporting requirements for the 2017 reporting year. Under these requirements the facility is required to undertake toxic substance accounting to better understand the quantities of toxic substances that are used, created, transformed, destroyed, released, and disposed of.

Facility Description:

Laurel Steel manufactures low carbon free-machined cold finished bar products for the automotive and various other industries as well as fabricated wire mesh for the construction and mining industries.

2. FACILITY INFORMATION

Facility Name: Laurel Steel
NPRI Identification Number: 1578
Two Digit NAICS Code: 33
Four Digit NAICS Code: 1221
Six Digit NAICS Code: 331221
Number of Full-time Employees: 165
UTM Spatial Coordinates (NAD83): UTM Easting 600623.00
UTM Northing 4804494.00
Datum: 1983, Zone 17

2.1. Owner of the Facility Information

Name: Laurel Steel
Address: 5400 Harvester Road, Burlington, Ont.
Phone Number: 905 681-6811
Fax Number: 905 634-7888
E-mail: mike.caruso@laurelsteel.com

2.2. Operator of the Facility Information

Name: Laurel Steel
Address: 5400 Harvester Road, Burlington, Ont.
Phone Number: 905 681-6811
Fax Number: 905 634-7888
E-mail: mike.caruso@laurelsteel.com

2.3. Parent Company Information

Legal Name of Parent Company: Harris Steel, ULC
Address of Parent Company: 318 Arvin Ave., Stoney Creek, Ont.
% of Facility Owned by Company: 100

2.4. Toxic Substances for Which Facility Must Report:

Substance 1 (covered by this plan):

CAS Number: NA-08

Substance 2 (covered by this plan):

CAS Number: 7647-01-0

Substance 3 (covered by this plan):

CAS number: 7440-66-6

2.5. Plan Contacts

Person Coordinating the Preparation of the Plan

Name: Michael Caruso

Position: Environmental Coordinator

Phone Number: 905 681-6811

Fax Number: 905 634-7888

E-mail: mike.caruso@laurelsteel.com

Facility Details

Review of quantification methods and a rationale if the methodology has changed from previous reports, including a description of how the change affects tracking and quantification of the substance:
There have been no changes in the quantification method that would result in increases or decreases in quantities estimated. There is no change recommended in TRA Plan.

A statement of whether there has been a significant process change at the facility during the previous calendar year:

There have been no significant process changes at the facility.

Progress towards toxic substance reductions:

N/A

Current TRA Plan Date(s): December 18, 2012 (original) for lead and hydrochloric acid
 October 31, 2016 (original) for zinc

Substance Information and Certification:

Provided in Sections 3 and 4.

3. STATEMENT OF INTENT AND OBJECTIVES:

Laurel Steel will not pursue any reduction options for the three substances, as they were found to be technically unfeasible or their impact would be irrelevant.

COMPARISON OF TOXIC SUBSTANCE ACCOUNTING

cas #	Substance	Year	Amount of Substance (MT)			Releases (MT)		Off-Site Transfers (MT)			Amount of Substance Contained in Product (MT)
			Substance Used (Input)	Created (Process)	Substance Destroyed (Process)	Air	Water (Municipal Treatment)	Land Disposals	Incineration	Recycling	
NA-08	Lead	2017	119.4	0	0	.0002	0	.060	0	4.0	115.3
		2016	108.2	0	0	.0002	0	.050	0	3.90	104.3
Change Between 2017 - 2016 (MT)			+11.2	0	0	0	0	+0.01	0	+1.10	+11.0
% Change From 2016			+10.3%	0%	0%	0%	0%	+20%	0%	+2.6%	+10.5%
Reason for Change / Comments:			Production related	NC	NC	NC	NC	Production related	NC	NC	Production related

cas #	Substance	Year	Amount of Substance (MT)			Releases (MT)		Off-Site Transfers (MT)			Amount of Substance Contained in Product (MT)
			Substance Used (Input)	Created (Process)	Substance Destroyed (Process)	Air	Water (Municipal Treatment)	Disposal	Incineration	Recycling	
7647-01-0	Hydrochloric Acid	2017	130.7	0	121.3	.025	0	1.8	0	7.6	0
		2016	131.3	0	123.9	.025	0	1.5	0	6.0	0
Change Between 2017 - 2016 (MT)			-0.6	0	-2.6	0	0	+3	0	+1.6	0
% Change From 2016			-0.5%	0%	-2.1%	0%	0%	+20.0%	0%	+26.7%	0%
Reason for Change / Comments:			NC	NC	NC	NC	NC	Production related	NC	Production related	NC

cas #	Substance	Year	Amount of Substance (MT)			Releases (MT)		Off-Site Transfers (MT)			Amount of Substance Contained in Product (MT)
			Substance Used (Input)	Created (Process)	Substance Destroyed (Process)	Air	Water (Municipal Treatment)	Disposal	Incineration	Recycling	
7440-66-6	zinc	2017	80.6	0	0	0	0	0	0	11.1	69.5
		2016	60.9	0	0	0	0	0	0	17.2	43.7
Change Between 2017 - 2016 (MT)			+19.7	0	0	0	0	0	0	-6.08	+25.8
% Change From 2016			+32.3%	0%	0%	0%	0%	0%	0%	-35.4%	+59.0%
Reason for Change / Comments:			Production related	NC	NC	NC	NC	NC	NC	Production related	Production related

NC - No Change in Reported Quantities (Less Than 10% or Small Quantity)

4. ACCOUNTING CERTIFICATION

As of June 1, 2018, I John Supple , certify that I have read the annual Toxic Reduction Accounting Report for the substances listed and am familiar with its contents, and to my knowledge the report is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

- Substance 1: Lead
- Substance 2: Hydrochloric Acid
- Substance 3: Zinc

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John Supple; VP & General Manager

June 1, 2018