

2017 Annual Public Report – Copper
Based on 2016 Data

Purity Zinc Metals
290 Arvin Avenue
Stoney Creek, Ontario L8E 2M1
Canada

Date: 24th May 2017

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Introduction

Purity Zinc Metals is a U.S. owned business that has been producing the industry's highest purity grades of zinc dust, zinc alloys and zinc anodes for more than 40 years. Copper is used at the facility as a component in the alloys made. Many of our clients are Global Fortune 500 companies and we export our zinc products worldwide.

We serve our customers with plants located in Stoney Creek, Ontario, Canada, and Clarksville, Tennessee, USA.

Purity Zinc Metals has built a reputation for quality zinc products that are underscored by availability and service. Commitment to quality, service and customer satisfaction have been the foundation of our success. Purity Zinc Metals is proud to be an active partner in so many of our customer's success.

Purity Zinc Metals (PZM) is committed to playing a leadership role in protecting the environment. Wherever feasible, we will eliminate or reduce the use, creation and discharge of toxic substances in full compliance with all federal and provincial regulations. Our employees are encouraged to participate in toxic substance reduction activities. Toxic substance reduction will be an ongoing effort, and we will continue to monitor technological advancements to ensure that options that are both technologically and financially viable are implemented at our facility.

Purity Zinc Metals does not intend to reduce the amount of Copper used or created. Copper is a profitable substance and reducing Copper would contradict the business plan. This summary accurately reflects the current version of the plan.

Facility Information

Facility Description

Facility Name: Purity Zinc Metals
NPRI Identification Number: 0000004651
Two Digit NAICS Code: 33
Four Digit NAICS Code : 3314
Six Digit NAICS Code : 331490
Number of Full-time Employees: 37
UTM Spatial Coordinates (NAD83): 603385.18 m E, 4787296.82 m N

Owner of the Facility

Name: North American Zinc Company
Address: 290 Arvin Ave, Stoney Creek, Ontario, L8E 2M1
Phone Number: 905 662 4802
Fax Number: 905 664 3944
E-mail: info@purityzinc.com

Operator of the Facility

Name: Purity Zinc Metals
Address: 290 Arvin Ave, Stoney Creek, Ontario, L8E 2M1
Phone Number: 905 662 4802
Fax Number: 905 664 3944
E-mail: info@purityzinc.com

Toxic Substances for Which Facility Must Prepare A Plan

Substance 1 (covered by another report): Zinc
CAS Number: Not Applicable

Substance 2 (covered by this report): Copper
CAS Number: Not Applicable

Public Contact

Name: Mr. Jamie Lear
Position: Safety and Environmental Manager
Address: 290 Arvin Ave, Stoney Creek, Ontario, L8E 2M1
Phone Number: 905 662 4802
Fax Number: 905 664 3944
E-mail: jlear@purityzinc.com

Toxic Substance Accounting and Progress Results

Year	Copper In (Tonnes)	Percent Change of Previous Year	Mass Change (Tonnes)	Copper Out in product (Tonnes)	Percent of Previous Year	Mass Change (Tonnes)	Copper to Air (Tonnes)	Percent Change of Previous Year	Mass Change (Tonnes)
2015	9.0	-13%	1.4	9.1	-10.0%	-1.02	1.29E-05	-0.8%	-1.08E-07
2016	9.0	0%	0.0	9.5	3.8%	0.34	1.04E-05	-19.0%	-2.44E-06

The variation in the numbers is due to production changes.

Certification

As of 31st May 2017, I, Doug Dobbs, certify that I have read the report on the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

Copper



Signature