

PC Forge
837 Reuter Road
Port Colborne, ON, L3K 5V7

Toxic Substances Reduction Plan for 2011 made Under O.Reg 455/09 & Table A for NPRI Substances – Public Report Phase 2

Submission made under the:
Toxic Reductions Act, 2009
Ontario Regulation 455/09

November 25, 2013

1.0 Basic Facility Information

- a) NPRI Identification Number: 000452
- b) MOE Identification Number: n/a
- c) Legal Name & Address, including mailing address
 - PC Forge
837 Reuter Road
Port Colborne, ON, L3K 5V7

 - PC Forge
P.O. Box 100,
Port Colborne, ON, L3K 5V7
- d) Trade Name (Canadian Trademarks):
n/a
- e) Number of Full-time Employee Equivalents
108
- f) NAICS Code:
 - a) 2 digit code
 - a. 33

 - b) 4 digit code
 - a. 3321

 - c) 6 digit code
 - a. 332113

g) Public Contact:

Graham J.H. Bond
General Manager
(905) 834-5094 ext. 2210

h) Spatial Coordinates of the Facility (UTM) within NAD83 Datum:

837 Reuter Road, Port Colborne, ON
UTM Zone 17
Easting: 644563
Northing: 4749620

i) Canadian Parent Company:

2148432 Ontario Inc.
IMT Partnership
347 King St. W.
Ingersoll, ON, N5C 3K6

100% Ownership

Business No: 851480947

2.0 Estimate of Potential Reductions

The facility does not design the product but produces a product required by the customer based on their design and material specifications.

The objective is to reduce substances of concern/toxic substances:

- | | | |
|----------|----------|----------------|
| a) PM10 | 0.022 mt | 5% of 0.440 mt |
| b) PM2.5 | 0.022 mt | 5% of 0.440 mt |

with a 2nd Quarter 2018 target.

This activity may be mitigated by changes in product design, awarding of new business contracts with new or modified material chemical compositions, or by changes in the product demand which may affect the generation of particulate matter.

3.0 Creation of Toxic Substance

Particulate Matter (PM) is created by the heating and cooling of the metal which results in a scale that breaks down into the particulate matter, the PM sources being the shot blast and the grinding equipment. The particulate matter from these processes is gathered in the dust collectors. The cooling towers generate PM10 and PM2.5 from the water vapour generated by the units.

4.0 Phase 2 Reporting

Phase 2 reporting is for: 4.1) PM 10 – Particulate Matter \leq 10 Microns CAS No. *
4.2) PM 2.5 – Particulate Matter \leq 2.5 Microns CAS No. *

Acetone is not used in the process.

5.0 Toxic Substance Accounting – Phase 2

PM10 (CAS *)

Quantification:

1) Quantity Used (U)	0 kg
2) Quantity Created (C)	440 kg
3) Quantity Transformed (T)	0 kg
4) Quantity Released to the Environment	
Released to Air (A)	18 kg
Released to Water (W)	0 kg
Released to Land (L)	0 kg
5) Quantity Contained in Product (P)	0 kg
6) Quantity Disposed Off-site (DIS)	419 kg
7) NPRI Reporting Threshold	0.5 tonnes release

PM2.5 (CAS *)

Quantification:

1) Quantity Used (U)	0 kg
2) Quantity Created (C)	440 kg
3) Quantity Transformed (T)	0 kg
4) Quantity Released to the Environment	
Released to Air (A)	18 kg
Released to Water (W)	0 kg
Released to Land (L)	0 kg
5) Quantity Contained in Product (P)	0 kg
6) Quantity Disposed Off-site (DIS)	419 kg
7) NPRI Reporting Threshold	0.3 tonnes release

6.0 Statement of Intent to Reduce or Reasons for Not Including One

We are committed to reduce substances of concern/toxic substances in our facility. We will utilize the expertise of suppliers, contractors, and customers to provide technical information, improvements, and other input into our identified options.

7.0 Certification

As of November 25, 2013, I, Graham J.H. Bond, 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 complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under the Act.

Toxic Substance	CAS Number
PM10	(CAS *)
PM2.5	(CAS *)

Name: Graham J.H Bond

Position: General Manager

Signature: _____