



**Gamma Foundries Inc.  
Richmond Hill Facility**

**Toxic Substance Reduction Plan Summary  
Particulate Matter  $\leq 2.5 \mu\text{m}$  (PM<sub>2.5</sub>)**



## Basic Facility Information

Facility Identification and Site Address		
<b>Company Name</b>	Gamma Foundries Inc.	
<b>Facility Name</b>	Richmond Hill Facility	
<b>Facility Address</b>	Physical Address:	Mailing Address: (if different)
	115 Newkirk Road, Richmond Hill, ON L4C 3G4	Same as physical address
<b>Spatial Coordinates of Facility</b>	Zone: 17 Easting: 626301 Northing: 4859872	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum.</i>
<b>Number of Employees</b>	87	
<b>NPRI ID</b>	5874	
Parent Company (PC) Information		
<b>PC Name &amp; Address</b>	Gamma Foundries Inc.	Same as physical address
<b>Percent Ownership for each PC</b>	100%	
<b>Business Number for PC</b>	829237502	
Primary North American Industrial Classification System Code (NAICS)		
<b>2 Digit NAICS Code</b>	33 (Manufacturing)	
<b>4 Digit NAICS Code</b>	3315 (Foundries)	
<b>6 Digit NAICS Code</b>	331529 (Non-ferrous foundries [except die-casting])	
Company Contact Information		
<b>Facility Public Contact</b>	Adolfo Quiroga <i>President and General Manager</i>	<i>Contact Address if different from facility address</i>
	<a href="mailto:aquiroga@gammafoundries.com">aquiroga@gammafoundries.com</a>	Same as facility address
	Phone: (905) 884-9091	
	Fax: (905) 780-4853	
<b>Planner Responsible for Making Recommendations and Certification</b>	Christina Wright, <i>Environmental Compliance Specialist</i>	License Number: TSRP0041

## **1.0 PLAN SUMMARY STATEMENT**

This toxic substance reduction plan summary for Particulate Matter  $\leq 2.5\ \mu\text{m}$  (PM<sub>2.5</sub>) (CAS# N/A) accurately reflects the content of the toxic substance reduction plan prepared by Gamma Foundries Inc.'s (Gamma's) Facility in Richmond Hill, Ontario (Facility), dated December 31, 2015

## **2.0 LIST OF OTHER SUBSTANCES FOR WHICH PLANS HAVE BEEN PREPARED**

The Facility also prepared a toxic substance reduction plan for Particulate Matter  $\leq 10\ \mu\text{m}$  (PM<sub>10</sub>).

## **3.0 CERTIFICATIONS**

Certifications by the Highest Ranking Employee with Management Responsibilities (HRE) at the Facility and the licensed Toxic Substance Reduction Planner are attached.

## **4.0 STATEMENT OF INTENT AND OBJECTIVES**

### **4.1 Statement of Intent**

Gamma is committed to operating in an environmentally responsible manner that meets all federal and provincial regulations. PM<sub>2.5</sub> is not used at the Facility. It is created when it becomes airborne during the production process. It is also created as a by-product of fuel combustion. No technically and economically feasible reduction options to reduce the use and/or creation of PM<sub>2.5</sub> were identified.

Therefore, the Facility does not intend to reduce the use or creation of PM<sub>2.5</sub> at this time.

### **4.2 Objectives**

The objective was to identify feasible reduction options. The Facility was unable to identify any reduction options which were both technically and economically feasible.

## **5.0 DESCRIPTION OF SUBSTANCE**

PM<sub>2.5</sub> is not used at the Facility. It is created when it becomes airborne during the production process. It is also created as a by-product of fuel combustion.

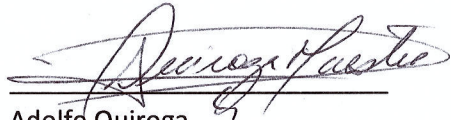
## **6.0 RATIONALE FOR NOT IMPLEMENTING REDUCTION OPTIONS**

The Facility was unable to identify any reduction options which were both technically and economically feasible, therefore no reduction options will be implemented.

As of 12/18/15, I, Adolfo Quiroga, 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.

Particulate Matter  $\leq 10 \mu\text{m}$  (PM<sub>10</sub>)

Particulate Matter  $\leq 2.5 \mu\text{m}$  (PM<sub>2.5</sub>)



Adolfo Quiroga  
President and General Manager

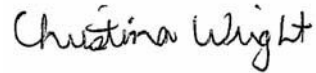
12/18/15

Date

As of December 18, 2015, I, Christina Wright certify that I am familiar with the processes at Gamma Foundries Inc.'s Richmond Hill Facility that use or create the toxic substance 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 December 31, 2015 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Particulate Matter  $\leq 10 \mu\text{m}$  (PM<sub>10</sub>)

Particulate Matter  $\leq 2.5 \mu\text{m}$  (PM<sub>2.5</sub>)



Christina Wright  
Toxic Substance Reduction Planner  
License No. TSRP0041

December 18, 2015

Date