



TOXIC SUBSTANCE REDUCTION PLAN SUMMARY

Sudbury Plant

**2477 Maley Drive
Sudbury, ON
P3A 4R7**

www.rcil.ca

April 2015

Basic Facility Information

Facility Identification and Site Address	
Company Name	Rainbow Concrete Industries Ltd.
Company Address	2477 Maley Drive Sudbury, ON P3A 4R7
Geographic Coordinates	Zone: 17 Easting: 506678.2 Northing: 5153737.1
Number of Employees	65
NPRI ID	27754
Substance Name and CAS Number	Particulate Matter PM10 CAS #:NA-M09 Particulate Matter PM2.5 CAS #: NA-MA10
Primary North American Industrial Classification System (NAICS)	
2 Digit NAICS Code	32 (Manufacturing)
4 Digit NAICS Code	3273 (Cement and Concrete Product Manufacturing)
6 Digit NAICS Code	327320 (Concrete Product Manufacturing)
Company Contact Information	
Facility Public Contact	Leslie Taillefer Environmental, Health and Safety Coordinator ltaillefer@rcil.ca Phone: 705-566-1740 ext. 273 Fax: 705-566-1816

1.0 PLAN SUMMARY STATEMENT

This toxic substance reduction plan summary for Particulate Matter 10 $\mu\text{g}/\text{m}^3$ or less (PM10) and Particulate Matter 2.5 $\mu\text{g}/\text{m}^3$ or less (PM2.5) accurately reflects the content of the toxic substance reduction plan prepared by Rainbow Concrete Industries Ltd. in Sudbury, Ontario dated June 30, 2015.

2.0 CERTIFICATIONS

Certifications by the highest ranking employee with management responsibilities at Rainbow Concrete Industries Ltd. Sudbury Plant and the licensed Toxic Substance Reduction Planner are attached.

3.0 STATEMENT OF INTENT AND OBJECTIVES

3.1 Statement of Intent

Rainbow Concrete Industries Ltd. is committed to operating in an environmentally responsible manner that meets all federal and provincial regulations. PM10 and PM2.5 is present as fugitive dust from the aggregate handling system and after the already implemented environmental controls. RCIL has already implemented and Environmental Best Management Practices to control fugitive dust. No reduction options that would have any significant reductions in the use of PM10 and PM2.5 were identified.

3.2 Objectives

Rainbow Concrete Industries Ltd. has implemented an Environmental Best Management Practices Program. This program includes procedures to control fugitive dust. RCIL is committed to train its employees on these

procedures. RCIL will continue to review, revise and update its procedures as required.

Rainbow Concrete Industries Ltd. will continue to examine the conditions under which particulate matter is used in its processes and will explore reduction opportunities.

4.0 DESCRIPTION OF SUBSTANCE

PM10 and PM2.5 is emitted concrete manufacturing process through raw materials (aggregates and cementations materials). These raw materials are essential to the production of concrete.

5.0 OPTIONS TO BE IMPLEMENTED

Rainbow Concrete Industries Ltd. has chosen not to implement any reduction options identified as they are not technically feasible; however as identified in the statement of intent, the plant is fully committed to maintaining a low levels of particulate matter emissions through the use of secondary controls that are already implemented.

Certification Statement

Highest Ranking Employee

As of July 30, 2015, I, Levi Alkhoury, 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.

- PM 10 - Particulate Matter ≤ 10 Microns
- PM 2.5 - Particulate Matter ≤ 2.5 Microns



Signature

Toxic Substance Reduction Planner

As of June 30, 2015, I, Ajay Madan certify that I am familiar with the processes at Rainbow Concrete Industries Ltd. 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 June 30, 2015 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under the Act.

- PM 10 - Particulate Matter ≤ 10 Microns
- PM 2.5 - Particulate Matter ≤ 2.5 Microns

Signature

Certification Statement

Highest Ranking Employee

As of July 30, 2015, I, Levi Alkhoury, 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.

- PM 10 - Particulate Matter ≤ 10 Microns
- PM 2.5 - Particulate Matter ≤ 2.5 Microns

Signature

Toxic Substance Reduction Planner

As of June 30, 2015, I, Ajay Madan certify that I am familiar with the processes at Rainbow Concrete Industries Ltd. 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 June 30, 2015 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under the Act.

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Ajay Madan, P.Eng., TSRP#0010
Pinchin Ltd.