

Summary

Summary

Chemical Name and CAS#:

PM - Total Particulate Matter	(NA - M08)
PM10 - Particulate Matter <= 10 Microns	(NA - M09)
PM2.5 - Particulate Matter <= 2.5 Microns	(NA - M10)

NPRI ID Number: 637

O.Reg. 127/05 ID Number: 10099

Company Name: Hanson Brick Ltd.

Company Address: 1570 Yorkton Court
Burlington ON

Number of employees: 100

Two Digit NAICS Code: 32

Four Digit NAICS Code: 3279

Six Digit NAICS Code: 327990

Public Contact:

Name: Shane Egan

Address: 5155 Dundas St.
Burlington ON
L7R2Y2

Phone Number: 905.335.7204

Fax Number: 905.335.3401

E-mail: shane.egan@hanson.com

UTM Spatial Coordinates (NAD83):

Latitude: E593084

Longitude: N4797567°

Datum:

UTM: 17

Statement of Intent: Particulate matter is created in 6 processes on the Hanson Aldershot site. PM 10 and PM 2.5 will be addressed as a subset of the PM. PM 10 is set by emission factor as 85% of PM. PM 2.5 is

set by emission factor as 11% of PM 10. This plan will address these compounds.

Reason for Use:

Particulate matter is created in the preparation of the raw material for brickmaking. It is also created during the forming and coating of the green brick and during the drying and firing processes. A portion of the particulate created in the firing process is related to the combustion of natural gas.

Target: Hanson Brick will improve the capture of all particulate matter by increased inspection and implementation of continuous on-line monitoring of a dust collector prior to the yearend of 2015

Objective: Hanson Brick Ltd will continue to operate the plant in full compliance with Environmental Standards and Certificate of Approval (C of A) 8-3729-98-996. We will reduce the emissions of particulate matter by more frequent and thorough inspection of our dust collectors and by installation of an electronic particulate monitor in one of the dust collectors.

Certification: Highest Ranking Employee

As of December 20, 2013, I, Shane Egan, 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.

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Shane Egan



Date 9 July 2014

V.P. Operations
Hanson Brick Limited
e

Certification: Planner

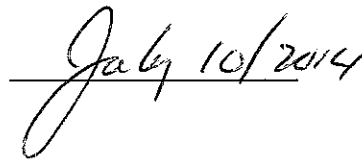
As of December 20, 2013, I, John Hewitt certify that I am familiar with the processes at Hanson Brick Limited Aldershot that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated [insert version date] and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

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PM2.5 - Particulate Matter \leq 2.5 Microns	(NA - M10)



John Hewitt
Projects & Environmental Manager
Hanson Brick Limited
Planner License No.: TSRP1037
jack.hewitt@hanson.com

Date



July 10/2014

This summary accurately reflects the Toxics Reduction Plan for

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PM2.5 - Particulate Matter \leq 2.5 Microns	(NA - M10)

dated December 31, 2013.

Options to Be Implemented

OPTION	CATEGORY	REDUCTION	IMPLEMENTATION
Some failures of filter media could be anticipated and avoided with the installation of particulate detection in the exhaust flow from dust collectors	Spill and Leak Prevention	45.9kilogram s per failed filter cartridge	Dec-15
Increase the frequency of plant inspections of dust collectors	Spill and Leak Prevention	45.9kilogram s per failed filter cartridge	Dec-14