



CANADIAN ASPHALT

Canadian Asphalt Industries Inc.

Toxic Reduction Summary Report : 7446-09-5 Sulfur Dioxide

Report Prepared by: Albert Chang, P.Eng, MBA (TRA License# TSRP0230)

Issued September 30, 2021

Toxic Substance Reduction Plan Summary

Substance Name and CAS # : 7446-09-5 Sulfur Dioxide

Basic Facility Information:

Canadian Asphalt Industries Inc.

400 Eastport Blvd

Hamilton, Ontario, L8H 7S4

Canada

Latitude: 43.27570

Longitude: 79.78340

UTM Zone: 17

UTM Easting: 598719

UTM Northing: 4792150

The National Pollutant Release Inventory (NPRI) ID number: 11343

Ontario Regulation 127/01 ID number: NA

NAICS Code: 339990

Facility Employees: 31

Public Contact:

Guy Belanger, Plant Manager,

905 549 4561 Ext 224

Albert Chang, Plant Engineer,

905 549 4561 Ext 207

Substance for which other Plans have been prepared

11104-93-1 Nitrogen Monoxides (Express as NO₂, Nitrogen Dioxide)

Statement of Intent

Canadian Asphalt Industries is committed to environmental improvement. Whenever feasible, Canadian Asphalt Industries, will reduce, reuse and eliminate the reference substance in this report with full compliance of Federal and Provincial regulations.

Reduction Objective

Sulfur dioxide is the product of burning materials that contain sulfur. SO₂ is created in the tank fumes incineration process. Canadian Asphalt Industries does not intend to reduce the use of this toxic substance at the facility.

Target for Reduction

No reduction targets have been established at this time.

Description for the Substance

Sulfur dioxide SO₂ is typically produced in significant amounts by the burning of common sulfur-rich materials. Sulfur dioxide is the product of burning materials that contain sulfur. Asphalts contain small amount of sulfur. As a storage and retail facility of asphalts, fumes come from Canadian Asphalt Industries's storage asphalt products may contain sulfur compounds, and these fumes are removed continuously through for odor destruction through our fumes recovery blower for incineration at 1600 ° F in furnace.

Toxic Substance Reduction Options to be Implemented

No toxic substance reduction options will be implemented for Sulfur dioxide which will result in a reduction in the quantity used or contained in products.

Plan Summary

This Plan Summary accurately reflects the content of the toxic substance reduction plan for 7446-09-5 Sulfur Dioxide.

Plan Certification

I, Guy Belanger, certify that I have read the record created for the purposes of section 9 of Ontario Regulation 455/09 made under the Toxics Reduction Act, 2009 in respect of the use and creation of the toxic substances referred to below at Canadian Asphalt Industries Inc. and am familiar with their contents and to my knowledge they are factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 made under that Act.

11104-93-1 Nitrogen Monoxides (Express as NO₂, Nitrogen Dioxide)

Canadian Asphalt Industries, Plant Manager Guy B Date Sept 27/2021

As of Sept 27, 2021, I, Albert C. H. Chang certify that I am familiar with the processes at Canadian Asphalt Industries that use or create the toxic substance referred to above, 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.

Albert C.H. Chang Date Sept 27, 2021
Albert C. H. Chang
TSRP0230 Toxic Substance Reduction Planner