



**O. Reg. 88/22: Air Pollution – Discharge of Sulphur Dioxide from
Petroleum Facilities**

Sarnia Complex, Imperial Oil

O.Reg. 88/22 s.35(1) – 2023 Annual Report

March 31, 2024

Introduction

This annual report, which covers the January to December 2023 reporting period for the Imperial Oil, Sarnia Complex, was prepared in accordance with section 35 of O. Reg 88/22. Imperial Oil is making this report available to the public in accordance with subsection 41(1) paragraph 2 of O. Reg 88/22.

As per subsection 35(1) of O. Reg 88/22 the following information is required to be included in this report. Information that is not applicable to the Imperial Oil, Sarnia Complex has been excluded from this report.

s35(1)1: *The average, maximum and minimum hourly mass emission rate of,*

- i. Sulphur dioxide discharged into the air from the sources of contaminant mentioned in paragraphs 1 and 5 of subsection 22 (1) during the calendar year.*

The continuous monitoring required by O. Reg 88/22 to determine the average, maximum and minimum hourly mass emission rate of sulphur dioxide discharged into the air from the sources of contaminant mentioned in paragraphs 1 and 5 of subsection 22(1) during the calendar year was not required to be operational in 2023.

s35(1)2: *The total amount, in kilograms, of*

- i. Sulphur dioxide discharged into the air from the sources of contaminant mentioned in paragraphs 1 and 5 of subsection 22 (1) during the calendar year.*

The continuous monitoring required by O. Reg 88/22 to determine the total amount, in kilograms, of sulphur dioxide discharged into the air from the sources of contaminant mentioned in paragraphs 1 and 5 of subsection 22(1) during the calendar year was not required to be operational in 2023.

s35(1)4: *A summary of the information in any reports submitted under section 32 during the calendar year.*

Section 32 is not yet applicable.

s35(1)5: *An assessment of the effectiveness of any measures identified under subparagraph 6 iii of section 32 that were implemented during the calendar year.*

Section 32 is not yet applicable.

s35(1)6: *Any actions taken during the calendar year to minimize, prevent or reduce the discharge of sulphur dioxide from the facility, including any actions identified in the plan required under section 36.*

To reduce the discharge of sulphur dioxide from the Sarnia Complex, Imperial Oil continued to add a sulphur dioxide reducing additive to the fluidized catalytic cracker in accordance with O. Reg 530/18 *Air Pollution – Discharge of Sulphur Dioxide from Petroleum Facilities Before 2029*.

The section 36 plan was not required in 2023.