



O. Reg. 530/18: Air Pollution – Discharge of Sulphur Dioxide from Petroleum Facilities Before 2029

Sulphur Dioxide Discharged on October 1, 2022

Nanticoke Refinery, Imperial Oil

December 1, 2022

Introduction

This report is being made pursuant to subsection 6(4) of O. Reg 530/18, and provides a public posting of the amount of sulphur dioxide (SO₂) discharged from acid gas combustion equipment when the sulphur recovery unit failed to operate in a normal manner.

The table below provides the hourly SO₂ discharged on October 1, 2022 and the rolling preceding 24 hour sum of SO₂ discharged.

Hour Start	Hour End	SO ₂ discharged (kg/ hr)	Rolling preceding 24 hr sum of SO ₂ discharged (kg)
Oct 01 13:00	Oct 01 14:00	886	886
Oct 01 14:00	Oct 01 15:00	2,732	3,618
Oct 01 15:00	Oct 01 16:00	1,913	5,531
Oct 01 16:00	Oct 01 17:00	761	6,292
Oct 01 17:00	Oct 01 18:00	143	6,435
Oct 01 18:00	Oct 01 19:00	0	6,435
Oct 01 19:00	Oct 01 20:00	0	6,435
Oct 01 20:00	Oct 01 21:00	0	6,435
Oct 01 21:00	Oct 01 22:00	0	6,435
Oct 01 22:00	Oct 01 23:00	0	6,435
Oct 01 23:00	Oct 02 00:00	0	6,435
Oct 02 00:00	Oct 02 01:00	0	6,435
Oct 02 01:00	Oct 02 02:00	0	6,435
Oct 02 02:00	Oct 02 03:00	0	6,435
Oct 02 03:00	Oct 02 04:00	0	6,435
Oct 02 04:00	Oct 02 05:00	0	6,435
Oct 02 05:00	Oct 02 06:00	0	6,435
Oct 02 06:00	Oct 02 07:00	0	6,435
Oct 02 07:00	Oct 02 08:00	0	6,435
Oct 02 08:00	Oct 02 09:00	0	6,435
Oct 02 09:00	Oct 02 10:00	0	6,435
Oct 02 10:00	Oct 02 11:00	0	6,435
Oct 02 11:00	Oct 02 12:00	0	6,435
Oct 02 12:00	Oct 02 13:00	0	6,435
Oct 02 13:00	Oct 02 14:00	0	5,548
Oct 02 14:00	Oct 02 15:00	0	2,816
Oct 02 15:00	Oct 02 16:00	0	904
Oct 02 16:00	Oct 02 17:00	0	143
Oct 02 17:00	Oct 02 18:00	0	0