



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

Sulphur Dioxide discharged April 15th-17th, 2021

Nanticoke Refinery, Imperial

June 14th, 2021

Introduction

As required by section 6. (4) of O.Reg 530/18, public posting of the amount of sulphur dioxide discharged from acid gas equipment when the SRU fails to operate in a normal manner must be made within 60 days of the amount being calculated.

See below table of the hourly discharge of sulphur dioxide on April 15th-16th, 2021 as well as the rolling pre ceding 24- hour sum of sulphur dioxide discharged.

Hour Start	Hour End	SO2 discharged (kg/hr)	Rolling preceding 24 hr sum of SO2 discharged (kg)
Apr 15 09:00	Apr 15 10:00	0	0
Apr 15 10:00	Apr 15 11:00	2,238	2,238
Apr 15 11:00	Apr 15 12:00	2,678	4,915
Apr 15 12:00	Apr 15 13:00	3,071	7,986
Apr 15 13:00	Apr 15 14:00	783	8,769
Apr 15 14:00	Apr 15 15:00	26	8,795
Apr 15 15:00	Apr 15 16:00	23	8,818
Apr 15 16:00	Apr 15 17:00	2	8,820
Apr 15 17:00	Apr 15 18:00	0	8,820
Apr 15 18:00	Apr 15 19:00	0	8,820
Apr 15 19:00	Apr 15 20:00	0	8,820
Apr 15 20:00	Apr 15 21:00	0	8,820
Apr 15 21:00	Apr 15 22:00	0	8,820
Apr 15 22:00	Apr 15 23:00	0	8,820
Apr 15 23:00	Apr 16 00:00	0	8,820
Apr 16 00:00	Apr 16 01:00	0	8,820
Apr 16 01:00	Apr 16 02:00	0	8,820
Apr 16 02:00	Apr 16 03:00	0	8,820
Apr 16 03:00	Apr 16 04:00	0	8,820
Apr 16 04:00	Apr 16 05:00	0	8,820
Apr 16 05:00	Apr 16 06:00	0	8,820
Apr 16 06:00	Apr 16 07:00	0	8,820
Apr 16 07:00	Apr 16 08:00	0	8,820
Apr 16 08:00	Apr 16 09:00	0	8,820
Apr 16 09:00	Apr 16 10:00	0	8,820
Apr 16 10:00	Apr 16 11:00	0	6,582
Apr 16 11:00	Apr 16 12:00	0	3,904
Apr 16 12:00	Apr 16 13:00	0	834
Apr 16 13:00	Apr 16 14:00	0	51
Apr 16 14:00	Apr 16 15:00	0	25
Apr 16 15:00	Apr 16 16:00	0	2
Apr 16 16:00	Apr 16 17:00	0	0