



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

Sulphur Dioxide discharged February 13-14th, 2020

Nanticoke Refinery, Imperial

April 13, 2020

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 February 13th and 14th, 2020 as well as the rolling preceding 24- hour sum of sulphur dioxide discharged.

Hour Start	Hour End	SO ₂ discharged in hour, kg	Rolling preceding 24-hr SO ₂ sum (kg)
Feb 13 17:00	Feb 13 18:00	0	0
Feb 13 18:00	Feb 13 19:00	787	787
Feb 13 19:00	Feb 13 20:00	1,324	2,112
Feb 13 20:00	Feb 13 21:00	1,677	3,789
Feb 13 21:00	Feb 13 22:00	1,801	5,590
Feb 13 22:00	Feb 13 23:00	1,880	7,469
Feb 13 23:00	Feb 14 00:00	1,911	9,380
Feb 14 00:00	Feb 14 01:00	66	9,445
Feb 14 01:00	Feb 14 02:00	52	9,497
Feb 14 02:00	Feb 14 03:00	10	9,507
Feb 14 03:00	Feb 14 04:00	0	9,507
Feb 14 04:00	Feb 14 05:00	0	9,507
Feb 14 05:00	Feb 14 06:00	0	9,507
Feb 14 06:00	Feb 14 07:00	0	9,507
Feb 14 07:00	Feb 14 08:00	0	9,507
Feb 14 08:00	Feb 14 09:00	0	9,507
Feb 14 09:00	Feb 14 10:00	0	9,507
Feb 14 10:00	Feb 14 11:00	0	9,507
Feb 14 11:00	Feb 14 12:00	0	9,507
Feb 14 12:00	Feb 14 13:00	0	9,507
Feb 14 13:00	Feb 14 14:00	0	9,507
Feb 14 14:00	Feb 14 15:00	0	9,507
Feb 14 15:00	Feb 14 16:00	0	9,507
Feb 14 16:00	Feb 14 17:00	0	9,507
Feb 14 17:00	Feb 14 18:00	0	9,507
Feb 14 18:00	Feb 14 19:00	0	8,720
Feb 14 19:00	Feb 14 20:00	0	7,396
Feb 14 20:00	Feb 14 21:00	0	5,719
Feb 14 21:00	Feb 14 22:00	0	3,918
Feb 14 22:00	Feb 14 23:00	0	2,038
Feb 14 23:00	Feb 15 00:00	0	128
Feb 15 00:00	Feb 15 01:00	0	62
Feb 15 01:00	Feb 15 02:00	0	10
Feb 15 02:00	Feb 15 03:00	0	0