



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

Sarnia Refinery, Imperial

O.Reg. 530/18 s.6(4) Public Report for 2022

Introduction

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

See below table of the hourly discharge of sulphur dioxide as well as the rolling preceding 24- hour sum of sulphur dioxide discharged for all required periods in the reporting year.

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Period	Date	Hourly SO ₂ Discharged (kg)	Rolling preceding 24-hr sum of SO ₂ discharged (kg)
1	1/28/22 18:00	34.3	34.3
	1/28/22 19:00	77.9	112.2
	1/28/22 20:00	0	112.2
	1/28/22 21:00	0	112.2
	1/28/22 22:00	0	112.2
	1/28/22 23:00	0	112.2
	1/29/22 0:00	0	112.2
	1/29/22 1:00	0	112.2
	1/29/22 2:00	0	112.2
	1/29/22 3:00	0	112.2
	1/29/22 4:00	0	112.2
	1/29/22 5:00	0	112.2
	1/29/22 6:00	0	112.2
	1/29/22 7:00	0	112.2
	1/29/22 8:00	0	112.2
	1/29/22 9:00	0	112.2
	1/29/22 10:00	0	112.2
	1/29/22 11:00	0	112.2
	1/29/22 12:00	0	112.2
	1/29/22 13:00	0	112.2
	1/29/22 14:00	0	112.2
	1/29/22 15:00	0	112.2
	1/29/22 16:00	0	112.2
1/29/22 17:00	0	112.2	
1/29/22 18:00	0	77.9	
2	2/1/22 12:00	34.0	34.0
	2/1/22 13:00	0.0	34.0
	2/1/22 14:00	0.0	34.0
	2/1/22 15:00	0.0	34.0
	2/1/22 16:00	0.0	34.0
	2/1/22 17:00	0.0	34.0
	2/1/22 18:00	0.0	34.0
	2/1/22 19:00	0.0	34.0
	2/1/22 20:00	0.0	34.0
	2/1/22 21:00	0.0	34.0
	2/1/22 22:00	0.0	34.0
	2/1/22 23:00	0.0	34.0
	2/2/22 0:00	0.0	34.0
	2/2/22 1:00	0.0	34.0
	2/2/22 2:00	0.0	34.0
	2/2/22 3:00	0.0	34.0
	2/2/22 4:00	0.0	34.0
	2/2/22 5:00	0.0	34.0
	2/2/22 6:00	0.0	34.0
	2/2/22 7:00	0.0	34.0
	2/2/22 8:00	0.0	34.0
2/2/22 9:00	0.0	34.0	
2/2/22 10:00	0.0	34.0	
2/2/22 11:00	0.0	34.0	
3	4/11/22 15:00	475	475
	4/11/22 16:00	703	1178
	4/11/22 17:00	121	1299
	4/11/22 18:00	0	1299
	4/11/22 19:00	0	1299
	4/11/22 20:00	0	1299
	4/11/22 21:00	0	1299

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Period	Date	Hourly SO ₂ Discharged (kg)	Rolling preceding 24-hr sum of SO ₂ discharged (kg)
	4/11/22 22:00	0	1299
	4/11/22 23:00	0	1299
	4/12/22 0:00	0	1299
	4/12/22 1:00	0	1299
	4/12/22 2:00	0	1299
	4/12/22 3:00	0	1299
	4/12/22 4:00	0	1299
	4/12/22 5:00	0	1299
	4/12/22 6:00	0	1299
	4/12/22 7:00	0	1299
	4/12/22 8:00	0	1299
	4/12/22 9:00	0	1299
	4/12/22 10:00	0	1299
	4/12/22 11:00	0	1299
	4/12/22 12:00	0	1299
	4/12/22 13:00	0	1299
	4/12/22 14:00	0	1299
	4/12/22 15:00	0	823
	4/12/22 16:00	0	121
4	10/25/22 12:00	71	71
	10/25/22 13:00	0	71
	10/25/22 14:00	0	71
	10/25/22 15:00	0	71
	10/25/22 16:00	0	71
	10/25/22 17:00	0	71
	10/25/22 18:00	0	71
	10/25/22 19:00	0	71
	10/25/22 20:00	0	71
	10/25/22 21:00	0	71
	10/25/22 22:00	0	71
	10/25/22 23:00	0	71
	10/26/22 0:00	0	71
	10/26/22 1:00	0	71
	10/26/22 2:00	0	71
	10/26/22 3:00	0	71
	10/26/22 4:00	0	71
	10/26/22 5:00	0	71
	10/26/22 6:00	0	71
	10/26/22 7:00	0	71
	10/26/22 8:00	0	71
	10/26/22 9:00	0	71
	10/26/22 10:00	0	71
	10/26/22 11:00	0	71