



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 2021

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 SO2 Discharged (kg)	Rolling preceding 24-hr sum of SO2 discharged (kg)
1	3/12/21 15:00	64.1	64.1
	3/12/21 16:00	0	64.1
	3/12/21 17:00	0	64.1
	3/12/21 18:00	0	64.1
	3/12/21 19:00	0	64.1
	3/12/21 20:00	0	64.1
	3/12/21 21:00	0	64.1
	3/12/21 22:00	0	64.1
	3/12/21 23:00	0	64.1
	3/13/21 0:00	0	64.1
	3/13/21 1:00	0	64.1
	3/13/21 2:00	0	64.1
	3/13/21 3:00	0	64.1
	3/13/21 4:00	0	64.1
	3/13/21 5:00	0	64.1
	3/13/21 6:00	0	64.1
	3/13/21 7:00	0	64.1
	3/13/21 8:00	0	64.1
	3/13/21 9:00	0	64.1
	3/13/21 10:00	0	64.1
	3/13/21 11:00	0	64.1
3/13/21 12:00	0	64.1	
3/13/21 13:00	0	64.1	
3/13/21 14:00	0	64.1	
2	4/7/21 13:00	1,197.9	1,197.9
	4/7/21 14:00	2.2	1,200.1
	4/7/21 15:00	0	1,200.1
	4/7/21 16:00	0	1,200.1
	4/7/21 17:00	0	1,200.1
	4/7/21 18:00	0	1,200.1
	4/7/21 19:00	0	1,200.1
	4/7/21 20:00	0	1,200.1
	4/7/21 21:00	0	1,200.1
	4/7/21 22:00	0	1,200.1
	4/7/21 23:00	0	1,200.1
	4/8/21 0:00	0	1,200.1
	4/8/21 1:00	0	1,200.1
	4/8/21 2:00	0	1,200.1
	4/8/21 3:00	0	1,200.1
	4/8/21 4:00	0	1,200.1
	4/8/21 5:00	0	1,200.1
	4/8/21 6:00	0	1,200.1
	4/8/21 7:00	0	1,200.1
	4/8/21 8:00	0	1,200.1
	4/8/21 9:00	0	1,200.1
4/8/21 10:00	0	1,200.1	
4/8/21 11:00	0	1,200.1	
4/8/21 12:00	0	1,200.1	

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Period	Date	Hourly SO2 Discharged (kg)	Rolling preceding 24-hr sum of SO2 discharged (kg)
3	6/20/21 7:00	76.5	76.5
	6/20/21 8:00	0	76.5
	6/20/21 9:00	0	76.5
	6/20/21 10:00	0	76.5
	6/20/21 11:00	0	76.5
	6/20/21 12:00	0	76.5
	6/20/21 13:00	0	76.5
	6/20/21 14:00	0	76.5
	6/20/21 15:00	0	76.5
	6/20/21 16:00	0	76.5
	6/20/21 17:00	0	76.5
	6/20/21 18:00	0	76.5
	6/20/21 19:00	0	76.5
	6/20/21 20:00	0	76.5
	6/20/21 21:00	0	76.5
	6/20/21 22:00	0	76.5
	6/20/21 23:00	0	76.5
	6/21/21 0:00	0	76.5
	6/21/21 1:00	0	76.5
	6/21/21 2:00	0	76.5
	6/21/21 3:00	0	76.5
	6/21/21 4:00	0	76.5
	6/21/21 5:00	0	76.5
	6/21/21 6:00	0	76.5