



South Coast Air Quality Management District

Torrance Refining Company
2018 Rule 1118 Quarterly Flare Emissions

Emission Target

2018 SO _x Emissions Target (lbs)	Year-to-Date SO _x Emissions (lbs) ¹
54,800	26,739.0

Quarter I (January 1, 2018 - March 31, 2018):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,437,489	18.3	316.9	17.1	85.3	2.9
65F	24,556,924	227.5	2,954.7	315.4	1,721.8	511.1
Total	26,994,413	245.8	3,271.6	332.5	1,807.1	514.0

Quarter II (April 1, 2018 - June 30, 2018):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,308,583	17.3	300.2	16.2	80.8	2.0
65F	4,918,158	37.8	635.6	38.2	194.8	203.6
Total	7,226,741	55.1	935.8	54.4	275.6	205.6

Quarter III (July 1, 2018 - September 30, 2018):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,436,200	18.2	354.2	19.5	110.3	2.6
65F	65,750,837	916.8	5,686.9	1,369.8	7,834.7	24,481.7
Total	68,187,037	935.0	6,041.1	1,389.3	7,945.0	24,484.3

Quarter IV (October 1, 2018 - December 31, 2018):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,336,856	17.5	303.8	16.4	81.8	1.9
65F	62,232,498	843.4	5,784.6	1,464.4	8,390.8	1,533.2
Total	64,569,354	860.9	6,088.4	1,480.8	8,472.6	1,535.2