



South Coast Air Quality Management District

Torrance Refining Company
2020 Rule 1118 Quarterly Flare Emissions

Emission Target

2020 SO _x Emissions Target (lbs)	Year-to-Date SO _x Emissions (lbs) ¹
54,800	3,785.9

Quarter I (January 1, 2020 - March 31, 2020):

	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,849,153	21.4	370.5	20.0	99.8	5.5
65F	28,500,518	379.8	2,587.7	559.9	3,189.1	1,796.1
Total	31,349,671	401.2	2,958.2	579.8	3,288.9	1,801.6

Quarter II (April 1, 2020 - June 30, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,308,488	17.3	300.1	16.2	80.8	1.9
65F	17,282,093	147.4	2,138.6	170.2	902.0	1,029.0
Total	19,590,581	164.7	2,438.7	186.4	982.8	1,030.9

Quarter III (July 1, 2020 - September 30, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	19,314,399	145.6	2,506.9	137.9	692.5	19.7
65F	2,574,917	19.3	336.3	18.1	91.1	3.7
Total	21,889,317	164.9	2,843.1	156.1	783.6	23.4

Quarter IV (October 1, 2020 - December 31, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,373,448	17.8	308.5	16.6	83.1	2.2
65F	58,096,937	1,010.6	3,248.8	1,249.8	7,245.0	927.8
Total	60,470,386	1,028.4	3,557.4	1,266.4	7,328.1	930.0