



South Coast Air Quality Management District

Torrance Refining Company
2021 Rule 1118 Quarterly Flare Emissions

Emission Target

2021 SO _x Emissions Target (lbs)	Year-to-Date SO _x Emissions (lbs) ¹
54,800	13,716.1

Quarter I (January 1, 2021 - March 31, 2021):

	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,283,120	17.1	296.8	16.0	79.9	1.9
65F	26,278,760	359.7	2,310.1	525.9	3,001.8	1,853.8
Total	28,561,880	376.9	2,606.9	541.9	3,081.7	1,855.6

Quarter II (April 1, 2021 - June 30, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,583,868	20.2	335.6	20.0	91.3	1.8
65F	24,776,127	304.9	2,403.8	416.1	2,345.1	1,509.6
Total	27,359,995	325.1	2,739.4	436.1	2,436.3	1,511.4

Quarter III (July 1, 2021 - September 30, 2021):

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	119,977,819	2,175.8	7,621.8	4,173.3	24,354.1	10,331.7
Total	122,286,307	2,193.2	7,921.9	4,189.4	24,434.9	10,333.6

Quarter IV (October 1, 2021 - December 31, 2021):

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	16,328,427	122.5	2,122.7	114.3	571.5	13.6
Total	18,636,915	139.8	2,422.8	130.5	652.3	15.5