



South Coast Air Quality Management District

Torrance Refining Company
2023 Rule 1118 Quarterly Flare Emissions

Emission Target

2023 SO _x Emissions Target (lbs)	Year-to-Date SO _x Emissions (lbs)
54,800	54,197.5

Quarter I (January 1, 2023 - March 31, 2023):

	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,442,635	18.3	317.5	17.1	85.5	3.0
65F	24,829,604	288.5	2,516.5	373.8	2,090.1	391.1
Total	27,272,239	306.8	2,834.0	390.9	2,175.6	394.0

Quarter II (April 1, 2023 - June 30, 2023):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,640,914	19.8	379.5	20.8	116.6	4.1
65F	25,397,541	277.0	2,766.0	408.9	2,285.4	1,389.2
Total	28,038,455	296.8	3,145.5	429.7	2,402.0	1,393.4

Quarter III (July 1, 2023 - September 30, 2023):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	3,123,039	18.4	318.8	17.2	85.8	2.9
65F	122,350,163	2,257.9	7,496.9	4,328.9	25,282.5	25,622.3
Total	125,473,202	2,276.3	7,815.8	4,346.0	25,368.3	25,625.2

Quarter IV (October 1, 2023 - December 31, 2023):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
55F-1	2,437,688	18.4	329.5	17.9	92.6	2.9
65F	69,265,914	1,142.3	4,631.5	1,666.6	9,646.8	26,781.9
Total	71,703,602	1,160.7	4,961.1	1,684.5	9,739.4	26,784.9