



South Coast Air Quality Management District

Torrance Refining Company  
2023 Rule 1118 Quarterly Flare Emissions

Emission Target

2023 SO <sub>x</sub> Emissions Target (lbs)	Year-to-Date SO <sub>x</sub> Emissions (lbs)
54,800	107,001.6

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

	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
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
<b>Total</b>	<b>27,272,239</b>	<b>306.8</b>	<b>2,834.0</b>	<b>390.9</b>	<b>2,175.6</b>	<b>394.0</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	10,644,275	74.9	1,345.4	72.9	380.5	12.9
65F	241,843,222	3,965.7	17,410.9	6,778.2	39,304.9	54,184.6
<b>Total</b>	<b>252,487,498</b>	<b>4,040.6</b>	<b>18,756.3</b>	<b>6,851.2</b>	<b>39,685.3</b>	<b>54,197.5</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
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
<b>Total</b>	<b>125,473,202</b>	<b>2,276.3</b>	<b>7,815.8</b>	<b>4,346.0</b>	<b>25,368.3</b>	<b>25,625.2</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
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
<b>Total</b>	<b>71,703,602</b>	<b>1,160.7</b>	<b>4,961.1</b>	<b>1,684.5</b>	<b>9,739.4</b>	<b>26,784.9</b>