



South Coast Air Quality Management District

Torrance Refining Company  
2022 Rule 1118 Quarterly Flare Emissions

Emission Target

2022 SO <sub>x</sub> Emissions Target (lbs)	Year-to-Date SO <sub>x</sub> Emissions (lbs) <sup>1</sup>
54,800	32,122.2

Quarter I (January 1, 2022 - March 31, 2022):

	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	2,283,120	17.1	296.8	16.0	79.9	1.9
65F	64,022,136	3,793.8	9,194.7	6,474.2	37,913.2	6,890.6
<b>Total</b>	66,305,256	3,811.0	9,491.5	6,490.2	37,993.1	6,892.5

Quarter II (April 1, 2022 - June 30, 2022):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	2,309,822	17.3	300.8	16.2	81.2	1.9
65F	167,453,702	3,251.5	10,537.5	7,535.5	44,136.3	19,751.7
<b>Total</b>	169,763,524	3,268.8	10,838.3	7,551.7	44,217.4	19,753.6

Quarter III (July 1, 2022 - September 30, 2022):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	2,333,856	17.5	303.4	16.3	81.7	1.9
65F	45,748,891	689.9	4,225.7	1,639.0	9,503.0	3,212.3
<b>Total</b>	48,082,747	707.4	4,529.1	1,655.3	9,584.7	3,214.2

Quarter IV (October 1, 2022 - December 31, 2022):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	2,333,856	17.5	303.4	16.3	81.7	1.9
65F	92,085,433	1,638.6	5,893.2	2,979.4	17,364.5	2,259.9
<b>Total</b>	94,419,289	1,656.1	6,196.6	2,995.8	17,446.2	2,261.9