



South Coast Air Quality Management District

Torrance Refining Company  
2017 Rule 1118 Quarterly Flare Emissions

**Emission Target**

2017 SO <sub>x</sub> Emissions Target (lbs)	Year-to-Date SO <sub>x</sub> Emissions (lbs) <sup>1</sup>
54,800	80,920.8

**Quarter I (January 1, 2017 - March 31, 2017):**

Data for flare ID 65F updated based on the revised quarterly report dated 10/13/17

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	2,500,124	18.8	325.0	17.5	87.5	3.3
65F	20,559,500	182.3	2,552.9	218.9	1,168.3	1,059.5
<b>Total</b>	23,059,624	201.1	2,877.9	236.4	1,255.8	1,062.8

**Quarter II (April 1, 2017 - June 30, 2017):**

Data for flare ID 65F updated based on the revised quarterly report dated 12/1/17

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	2,308,488	17.3	300.1	16.2	80.8	1.9
65F	278,166,400	5,647.5	10,219.3	7,837.3	45,940.8	69,443.1
<b>Total</b>	280,474,888	5,664.8	10,519.4	7,853.5	46,021.6	69,445.0

**Quarter III (July 1, 2017 - September 30, 2017):**

Data for flare ID 65F updated based on the revised quarterly report dated 6/29/18

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	3,273,741	24.4	576.3	32.7	215.6	6.0
65F	33,092,900	400.6	3,691.6	946.9	5,427.8	8,934.5
<b>Total</b>	36,366,641	425.0	4,267.9	979.6	5,643.4	8,940.5

**Quarter IV (October 1, 2017 - December 31, 2017):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
55F-1	2,604,032	19.5	369.6	20.3	111.9	4.0
65F	26,529,229	251.9	3,185.3	384.1	2,117.5	1,468.5
<b>Total</b>	29,133,261	271.4	3,554.9	404.4	2,229.4	1,472.5