



South Coast Air Quality Management District

**Chevron
2018 Rule 1118 Quarterly Flare Emissions**

Emission Target

2018 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)
95,200	22,551.1

Quarter I (January 1, 2018 - March 31, 2018):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	1,678,347	12.7	218.0	12.6	63.6	1.4
Coker	7,924,299	59.4	1,030.2	55.5	277.4	6.6
FCC	5,157,107	38.7	670.4	36.1	180.5	4.3
Isomax	6,195,111	46.8	806.5	47.3	239.9	5.5
Alky Flare	11,862,375	89.0	1,542.0	83.1	415.7	9.8
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	32,817,239	246.6	4,267.1	234.6	1,177.1	27.6

Quarter II (April 1, 2018 - June 30, 2018):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	7,980,974	59.9	1,037.5	55.9	279.3	6.6
Coker	4,924,211	517.7	639.8	34.8	174.3	4.1
FCC	18,906,075	700.4	2,457.8	132.3	661.7	15.7
Isomax	11,832,692	1,641.7	1,530.3	90.1	457.8	33.0
Alky Flare	2,235,176	982.7	290.6	15.6	78.2	1.9
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	45,879,128	3,902.3	5,956.0	328.7	1,651.3	61.3

Quarter III (July 1, 2018 - September 30, 2018):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	8,007,640	60.1	1,041.0	56.1	280.3	6.6
Coker	5,096,372	38.3	662.2	36.0	180.2	4.2
FCC	34,903,524	439.6	5,373.0	2512.4	14622.5	928.6
Isomax	11,531,760	92.2	1,469.0	100.5	522.5	841.5
Alky Flare	2,753,273	31.9	406.2	158.6	919.6	3.0
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	62,292,569	662.1	8,951.4	2863.6	16525.1	1783.9

Quarter IV (October 1, 2018 - December 31, 2018):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	8,503,415	64.2	1,103.5	61.4	309.0	7.5
Coker	6,750,940	66.7	832.9	141.1	794.9	10,670.9
FCC	22,243,712	166.8	2,891.7	155.7	778.5	18.5
Isomax	22,810,862	330.0	2,696.8	1,251.7	7,283.9	9,979.7
Alky Flare	2,135,887	16.0	277.7	15.0	74.8	1.8
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	62,444,816	643.8	7,802.6	1,624.9	9,241.0	20,678.3