



South Coast Air Quality Management District

Chevron

2020 Rule 1118 Quarterly Flare Emissions

Emission Target

2020 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)
95,200	5,358.5

Quarter I (January 1, 2020 - March 31, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	4,088,611	71.8	1,244.3	68.7	335.8	7.9
Coker	4,088,611	30.7	531.5	28.6	143.1	3.4
FCC	12,732,264	95.5	1,655.2	89.5	445.8	10.6
Isomax	24,778,265	374.3	1,983.0	11,254.9	5,629.5	3,872.4
Alky Flare	2,281,386	17.1	296.6	16.0	79.8	1.9
Ground Flare	11,410	0.1	1.5	0.1	0.4	0.0
Total	47,980,548	589	5,712	11,458	6,634	3,896

Quarter II (April 1, 2020 - June 30, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	12,075,589	90.7	1,570.2	87.6	424.1	10.1
Coker	3,316,533	25.9	426.0	66.1	133.8	3.0
FCC	10,997,973	82.5	1,429.7	77.8	385.3	9.1
Isomax	11,469,673	112.1	1,362.2	1,360.3	941.4	489.5
Alky Flare	2,199,173	16.5	285.9	15.4	77.0	1.8
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	40,058,942	327.7	5,073.9	1,607.2	1,961.4	513.6

Quarter III (July 1, 2020 - September 30, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	10,305,675	77.3	1,339.7	75.2	362.0	16.2
Coker	6,319,952	57.7	787.3	646.2	479.7	555.8
FCC	9,898,355	79.4	1,276.7	426.3	501.9	149.2
Isomax	9,039,335	67.8	1,174.6	63.6	316.4	7.5
Alky Flare	2,355,791	17.7	306.3	16.5	82.5	2.0
Ground Flare	788,681	6.0	102.8	7.8	28.7	0.7
Total	38,707,790	305.9	4,987.3	1235.6	1771.1	731.3

Quarter IV (October 1, 2020 - December 31, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	14,811,316	111.1	1,925.5	103.7	518.4	12.3
Coker	5,481,023	43.8	710.2	243.3	281.7	39.0
FCC	12,769,170	154.1	1,300.5	3,618.2	1,967.5	156.8
Isomax	9,222,232	69.2	1,198.9	64.6	322.8	7.7
Alky Flare	2,061,802	15.5	268.0	14.4	72.2	1.7
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	44,345,542	393.6	5,403.0	4,044.2	3,162.5	217.4