



South Coast Air Quality Management District

Chevron

2021 Rule 1118 Quarterly Flare Emissions

Emission Target

2021 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)
95,200	30,071.9

Quarter I (January 1, 2021 - March 31, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Alky Flare	1,971,750	14.8	256.3	13.8	69.0	1.6
Coker	5,782,769	43.4	751.8	40.5	202.4	4.8
FCC	10,921,302	81.9	1,419.8	76.4	382.2	9.1
Isomax	8,749,142	65.6	1,137.4	61.2	306.2	7.3
LSFO	17,109,596	128.3	2,224.2	119.8	598.8	14.2
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	44,534,560	334	5,789	312	1,559	37

Quarter II (April 1, 2021 - June 30, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Alky Flare	1,975,003	14.8	256.8	13.8	69.1	1.6
Coker	6,560,956	49.3	852.3	51.8	232.1	5.5
FCC	10,277,724	81.3	1,321.5	296.3	455.3	10.1
Isomax	10,833,314	96.8	1,331.9	831.1	697.4	30.4
LSFO	17,598,343	132.0	2,287.8	123.2	615.9	14.6
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	47,245,340	374.2	6,050.3	1,316.2	2,069.8	62.2

Quarter III (July 1, 2021 - September 30, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Alky Flare	2,420,257	19.2	314.1	100.6	121.5	2.1
Coker	10,476,012	130.8	1,249.3	3606.1	1903.4	29442.2
FCC	8,883,568	68.8	1,149.2	204.8	372.7	10.3
Isomax	9,565,760	74.0	1,234.5	218.4	400.6	174.3
LSFO	11,495,313	86.2	1,494.4	80.5	402.3	9.5
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	42,840,909	379.0	5,441.5	4210.3	3200.6	29638.4

Quarter IV (October 1, 2021 - December 31, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Alky Flare	2,476,481	18.6	321.9	17.3	86.7	2.1
Coker	6,605,500	49.5	858.7	46.2	231.2	5.5
FCC	7,272,153	55.2	945.2	106.4	279.0	17.1
Isomax	9,451,191	72.8	1,223.8	217.0	397.1	292.5
LSFO	12,162,560	91.2	1,581.1	86.9	426.5	17.3
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	37,967,885	287.4	4,930.8	473.8	1,420.5	334.4