



South Coast Air Quality Management District

**Phillips 66 - Wilmington
2023 Rule 1118 Quarterly Flare Emissions**

Emission Target (Includes the combined totals from the Carson and Wilmington facilities)

2023 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
50,800	24,818.7	Phillips 66, Wilmington
	4,447.3	Phillips 66, Carson
	29,266.0	Total Combined Emissions

Quarter I (January 1, 2023 - March 31, 2023):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LPG	5,985,484	42.0	2,939.1	180.3	1,652.1	941.7
North	1,302,974	21.8	189.5	50.6	290.6	6,622.9
South	10,624,118	135.3	602.2	366.7	2,145.8	5,462.8
UK	2,037,001	170.3	656.3	437.2	2,561.1	479.3
Total	19,949,576	369	4,387	1,035	6,650	13,507

Quarter II (April 1, 2023 - June 30, 2023):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LPG	6,371,850	44.7	3,124.4	191.6	1,755.7	1,000.5
North	1,903,340	27.0	199.5	680.4	386.4	360.2
South	4,772,062	80.9	420.1	2,281.2	1,115.7	1,244.7
UK	1,823,075	23.8	201.8	512.7	274.8	2,343.3
Total	14,870,327	176.5	3,945.8	3,665.8	3,532.6	4,948.7

Quarter III (July 1, 2023 - September 30, 2023):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LPG	9,210,624	64.6	4,548.4	279.6	2,559.4	1,460.3
North	1,087,816	9.9	140.4	156.4	105.1	372.9
South	1,659,604	17.4	198.4	322.2	191.7	265.1
UK	1,215,746	13.0	165.6	417.9	225.7	285.9
Total	13,173,790	104.9	5,052.8	1,176.1	3,082.0	2,384.3

Quarter IV (October 1, 2023 - December 31, 2023):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LPG	3,042,845	21.5	1,424.9	85.9	793.6	448.6
North	1,296,202	13.2	153.5	22.6	126.5	37.8
South	3,170,530	50.1	302.3	126.9	737.6	432.2
UK	2,230,870	33.7	183.2	54.8	315.9	3,060.4
Total	9,740,447	118.5	2,063.9	290.2	1,973.6	3,979.1