



South Coast Air Quality Management District

**Phillips 66 - Wilmington
2018 Rule 1118 Quarterly Flare Emissions**

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

2018 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
50,800	10,113.5	Phillips 66, Wilmington
	66,146.2	Phillips 66, Carson
	76,259.7	Total Combined Emissions

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,530,863	14.8	175.5	16.3	87.9	66.9
South	957,984	7.8	121.5	9.1	47.7	53.7
UK	1,920,116	21.0	222.4	43.3	245.7	519.0
LPG	3,378,049	23.8	1,612.3	97.9	901.3	511.2
Total	7,787,012	67.4	2,131.7	166.6	1,282.6	1,150.8

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,353,012	12.6	160.8	16.9	92.5	19.5
South	1,530,001	17.4	174.1	37.2	211.5	442.8
UK	2,125,601	24.5	247.2	64.7	370.7	2,721.0
LPG	1,590,766	11.3	693.2	40.6	380.4	212.0
Total	6,599,380	65.8	1,275.3	159.4	1,055.1	3,395.3

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,095,000	8.8	141.1	15.2	70.7	111.7
South	1,151,800	13.1	148.8	81.8	264.9	266.7
UK	1,798,900	22.8	239.7	194.5	551.2	2,504.6
LPG	5,439,400	38.2	2,640.0	161.3	1,480.7	842.3
Total	9,485,100	82.9	3,169.6	452.8	2,367.5	3,725.3

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,325,268	10.2	173.2	9.7	49.0	2.8
South	1,189,152	11.1	144.4	94.1	93.8	69.1
UK	1,898,354	21.0	196.8	21.9	120.0	954.8
LPG	2,028,723	14.4	896.2	52.8	493.4	815.4
Total	6,441,497	56.7	1,410.6	178.5	756.2	1,842.1