



**South Coast Air Quality Management District**

**Phillips 66 - Wilmington  
2015 Rule 1118 Quarterly Flare Emissions**

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

2015 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
50,874	76,744.0	Phillips 66, Wilmington
	3,089.7	Phillips 66, Carson
	79,833.7	Total Combined Emissions

**Quarter I (January 1, 2015 - March 31, 2015):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	11,842,983	234.8	1,157.2	956.8	3,239.4	13,936.5
South	1,023,884	9.8	127.7	19.7	110.5	87.3
UK	2,182,921	32.7	213.4	88.1	511.3	3,444.1
LPG	3,229,284	16.4	1,399.7	33.2	345.2	496.0
<b>Total</b>	18,279,072	293.6	2,898.0	1,097.7	4,206.3	17,964.0

**Quarter II (April 1, 2015 - June 30, 2015):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	5,971,233	114.8	312.0	202.0	1,099.3	885.1
South	1,917,616	28.7	164.3	54.3	314.6	1,599.0
UK	1,547,931	19.3	181.2	57.6	332.0	2,925.0
LPG	2,383,126	12.3	1,012.5	24.2	249.9	355.7
<b>Total</b>	11,819,906	175.1	1,670.0	338.1	1,995.8	5,764.9

**Quarter III (July 1, 2015 - September 30, 2015):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
North	2,062,307	28.1	192.5	71.9	404.4	1,433.5
South	3,555,487	63.0	226.9	111.0	646.8	1,356.6
UK	2,616,131	41.7	211.2	84.0	487.8	2,649.3
LPG	4,754,339	23.9	2,091.0	49.1	515.4	745.6
<b>Total</b>	<b>12,988,264</b>	<b>156.7</b>	<b>2,721.6</b>	<b>316.0</b>	<b>2,054.4</b>	<b>6,185.0</b>

**Quarter IV (October 1, 2015 - December 31, 2015):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO <sub>x</sub>	ROG	CO	SO <sub>x</sub>
North	6,270,550	118.9	627.3	474.6	2,402.4	24,432.0
South	11,754,344	234.6	1,128.1	985.0	3,227.8	16,704.8
UK	1,328,317	17.0	165.4	62.3	361.2	4,468.0
LPG	7,670,770	38.2	3,417.9	79.8	842.0	1,225.3
<b>Total</b>	<b>27,023,980</b>	<b>408.7</b>	<b>5,338.7</b>	<b>1,601.7</b>	<b>6,833.4</b>	<b>46,830.1</b>