



Air Pollution Control District  
San Luis Obispo County

**EMISSIONS INVENTORY INFORMATION**

For Inventory Year - 2018

**FORM 19: OIL AND GAS PRODUCTION AND OIL TRANSFER/  
PUMPING - FUGITIVE EMISSIONS**

Facility ID \_\_\_\_\_ Facility Name \_\_\_\_\_ Contact \_\_\_\_\_

Please fill in all spaces and provide supporting data as noted. Retain a copy for your records.

Device Description		Gas/Light Liquid <sup>(1)</sup>				Light Oil <sup>(2)</sup>				Heavy Oil <sup>(3)</sup>			
		leak rate	No. of devices <sup>(4)</sup>	Hours <sup>(5)</sup>	Emfac <sup>(6)</sup>	TOC lb/yr <sup>(7)</sup>	No. of devices <sup>(4)</sup>	Hours <sup>(5)</sup>	Emfac <sup>(6)</sup>	TOC lb/yr <sup>(7)</sup>	No. of devices <sup>(4)</sup>	Hours <sup>(5)</sup>	Emfac <sup>(6)</sup>
Valves	< 10,000			7.72 E-5				4.19 E-5				3.09 E-5	
	> 10,000			3.06 E-1				1.56 E-1				N/A	
Pump seals	< 10,000			2.20 E-3				5.84 E-4				N/A	
	> 10,000			1.96 E-1				1.96 E-1				N/A	
Other <sup>(8)</sup>	< 10,000			3.24 E-4				2.89 E-4				1.26 E-4	
	> 10,000			3.03 E-1				1.57 E-2				N/A	
Connectors <sup>(9)</sup>	< 10,000			2.65 E-5				2.21 E-5				1.76 E-5	
	> 10,000			5.71 E-2				5.16 E-2				N/A	
Flanges	< 10,000			6.17 E-5				5.29 E-5				5.07 E-5	
	> 10,000			1.35 E-1				5.73 E-1				N/A	
Open Ended Lines <sup>(10)</sup>	< 10,000			5.29 E-5				3.97 E-5				3.31 E-5	
	> 10,000			1.21 E-1				4.90 E-2				1.57 E-1	
<b>TOTALS:</b>		<b>Gas/Light Liquid:</b>				<b>Light Oil:</b>				<b>Heavy Oil:</b>			
		<b>Wt% meth/eth:</b>				<b>API Gravity:</b>				<b>API Gravity:</b>			

- (1) Gas/light liquid stream excludes gas purchased from Public Utility. **Provide data verifying wt% methane/ethane. Form is not complete without this data.**
- (2) Light oil stream with an API gravity equal to or greater than 20 at 60°F. **Provide recent data verifying API gravity. Form is not complete without this data.**
- (3) Heavy oil stream with an API gravity less than 20 at 60°F. **Provide recent data verifying API density. Form is not complete without this data.**
- (4) Ensure that the count is consistent with I&M plans or Air Toxics Hot Spots plan/report.
- (5) Total hours for each applicable device and stream must equal 8760/yr. No component is considered leak-free. Non-leaking hours of operation are to be included in < 10,000.
- (6) Emfacs in units of lb/hr/device. Emfacs: Cal. Implementation Guidelines for Est. Mass Emissions of Fug. Hydrocarbon Leaks at Petrol. Facilities, Feb 1999, Table IV-2c.
- (7) TOC in lb/yr = No. of Devices x Hrs of Use x emfac. TOC includes methane and ethane.
- (8) Includes compressors, diaphragms, drains, dump arms, hatches, instruments, meters, pressure relief valves, polished rods stuffing boxes, relief valves and vents.
- (9) Include all threaded connectors and tubing fittings regardless of size.
- (10) An open-ended line is the end of any valve that can be opened to the atmosphere.