



Air Pollution Control District
San Luis Obispo County

EMISSIONS INVENTORY INFORMATION

For Inventory Year - 2020

**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 ⁽¹⁾				Light Oil ⁽²⁾				Heavy Oil ⁽³⁾			
		leak rate	No. of devices ⁽⁴⁾	Hours ⁽⁵⁾	Emfac ⁽⁶⁾	TOC lb/yr ⁽⁷⁾	No. of devices ⁽⁴⁾	Hours ⁽⁵⁾	Emfac ⁽⁶⁾	TOC lb/yr ⁽⁷⁾	No. of devices ⁽⁴⁾	Hours ⁽⁵⁾	Emfac ⁽⁶⁾
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 ⁽⁸⁾	< 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 ⁽⁹⁾	< 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 ⁽¹⁰⁾	< 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	
TOTALS:		Gas/Light Liquid:				Light Oil:				Heavy Oil:			
		Wt% meth/eth:				API Gravity:				API Gravity:			

- (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.