



Air Pollution Control District
San Luis Obispo County

EMISSIONS INVENTORY INFORMATION

For Inventory Year - 2021

**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.