

Division Information

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|-------------------|---------------------------------------|
| Engineer: | Stephanie Chaousy, PE |
| Control Engineer: | Chris Laplante |
| Review Date: | 11/17/2014 |
| Application Date: | 06/06/2014 |

SCC Code

Facility Identifiers

| | | |
|------|------------|--------------------------|
| AIRs | Permit No. | 14WE1094 |
| | County # | 123 Weld |
| | Facility # | 9CE6 |
| | Point # | 004 |

Section 01: Administrative Information

| | | |
|--------------------------|------------------|--|
| Company Name: | | PDC Energy, Inc. |
| Source Name: | | LaSalle 25E-202, 25F-332, 412, 25G-212, |
| Source Location: | | NWNW Section 25, T5N, R65W |
| SIC: | | 1311 |
| Elevation (feet) | | 4640 |
| Portable Source? | | |
| Portable Source Homebase | | |
| Mailing Address | Address 1: | PDC Energy, Inc. |
| | Address 2: | 1775 Sherman Street, Suite 3000 |
| | City, State Zip: | Denver, CO 80203 |
| Person To Contact | Name: | Elizabeth Duncan |
| | Phone: | 303-860-5800 |
| | Fax: | 303-860-5838 |
| | Email: | Elizabeth.Duncan@pdce.com |

AP-42: Chapter 5.2

Equation 1

$$L = 12.46 \cdot S \cdot P \cdot M / T$$

L = loading losses in lb per 1000 gallons loaded

S = Saturation Factor

P = true vapor pressure of liquid loaded [psia]

M = molecular weight of vapors [lb/lb-mole]

T = temperature of bulk liquid loaded [deg. R]

1 degree Fahrenheit = 460.67 degree Rankine

| | | |
|--------------------------------|-----------------------------|---|
| S | 0.6 | Submerged loading: dedicated normal service |
| P | 7.14 | psia |
| M | 65 | lb/lb-mole |
| T | 510 | deg. R |
| L | 6.80 lb/10 ³ gal | |
| | 2.86E-01 lb/bbl | |
| Annual requested Throughput | | 10511340 gal/yr |
| Annual requested VOC emissions | | 71510 lb/yr |
| | | 35.76 tpy |

Regulatory Considerations

This facility is not considered a terminal (in Reg. 7) because average daily throughput will be below 20,000 gallons at 3,956 gallons per day.

This facility is not considered a bulk plant (in Reg. 7) because it does not distribute gasoline.

NCRPs

| Component | Mass Frac. | emissions (lb/yr) | emission factor lb/bbl | Emission factor lb/1000 gal |
|--------------------------|------------|-------------------|------------------------|-----------------------------|
| Benzene | 0.024 | 0.001752 | 125.27 | 0.0005 |
| n-hexane | 0.21 | 0.015328 | 1096.14 | 0.0044 |
| | | | | 0.0119 |
| | | | | 0.1043 |