

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 39673 and PSD-TX-920

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

### AIR CONTAMINANTS DATA

| Emission<br>Point No. (1) | Source<br>Name (2)                          | Air Contaminant<br>Name (3) |       | Emission Rates * |        |
|---------------------------|---|-----------------------------|-------|------------------|--------|
|                           |   |                             |       | lb/hr            | TPY    |
| SLXOL-T01                 | Selexol Thermal<br>Oxidizer No. 1           | PM <sub>10</sub>            |       | 0.15             | 0.01   |
|                           |   | VOC                         |       | 23.00            | 100.74 |
|                           |   | NO <sub>x</sub>             | 1.98  | 8.67             |        |
|                           |   | SO <sub>2</sub>             | 20.70 | 90.65            |        |
|                           |   | CO                          | 1.63  | 7.15             |        |
|                           |   | H <sub>2</sub> S            | 0.22  | 0.98             |        |
| SLXOL-T02                 | Selexol Thermal<br>Oxidizer No. 1           | PM <sub>10</sub>            | .15   | 0.01             |        |
|                           |   | VOC                         | 23.00 | 100.74           |        |
|                           |   | NO <sub>x</sub>             | 1.98  | 8.67             |        |
|                           |   | SO <sub>2</sub>             | 20.70 | 90.66            |        |
|                           |   | CO                          | 1.63  | 7.15             |        |
|                           |   | H <sub>2</sub> S            | 0.22  | 0.98             |        |
| STK-RBLR1                 | Selexol Unit<br>Dehydrator Reboiler         | PM <sub>10</sub>            | 0.01  | 0.06             |        |
|                           |   | VOC                         | 0.01  | 0.04             |        |
|                           |   | NO <sub>x</sub>             |       | 0.18             | 0.8    |
|                           |   | SO <sub>2</sub>             | 0.01  | 0.01             |        |
|                           |   | CO                          | 0.15  | 0.67             |        |
| ENG2                      | Ingersoll-Rand<br>KVSR-10 Compressor Engine | PM <sub>10</sub>            | 0.13  | 0.43             |        |
|                           |   | VOC                         | 1.50  | 5.04             |        |
|                           |   | NO <sub>x</sub>             | 6.74  | 29.5             |        |
|                           |   | SO <sub>2</sub>             | 0.01  | 0.03             |        |
|                           |   | CO                          | 10.12 | 44.31            |        |
|                           |   | HCHO                        | 0.12  | 0.07             |        |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

| AIR CONTAMINANTS DATA     |                                     |                                |      |                  |      |
|---------------------------|-------------------------------------|--------------------------------|------|------------------|------|
| Emission<br>Point No. (1) | Source<br>Name (2)                  | Air Contaminant<br>Name (3)    |      | Emission Rates * |      |
|                           |                                     |                                |      | lb/hr            | TPY  |
| ENG3                      | Waukesha<br>3521G Compressor Engine | PM <sub>10</sub>               | 0.03 | 0.14             |      |
|                           |                                     | VOC                            | 0.10 | 0.32             |      |
|                           |                                     | NO <sub>x</sub>                | 1.96 | 8.59             |      |
|                           |                                     | SO <sub>2</sub>                | 0.01 | 0.01             |      |
|                           |                                     | CO                             | 2.94 | 12.88            |      |
|                           |                                     | HCHO                           | 0.02 | 0.07             |      |
| F1                        | Facility Fugitive<br>Emissions      | H <sub>2</sub> S               |      | 0.01             | 0.03 |
|                           |                                     | VOC                            |      | 0.19             | 0.85 |
| LOAD2                     | Truck Loading                       | VOC                            |      | 4.50             | 0.1  |
| TANK 1                    | Selexol Storage Tank                | VOC                            |      | 0.01             | 0.1  |
| TANK 2                    | Sulfuric Acid Tank                  | H <sub>2</sub> SO <sub>4</sub> |      | 0.01             | 0.1  |
| TANK 5                    | Engine Coolant Tank 1               | VOC                            |      | 0.01             | 0.1  |
| TANK 6                    | Engine Coolant Tank 2               | VOC                            |      | 0.01             | 0.1  |
| TANK 10                   | Engine Lube Oil Tank 1              | VOC                            |      | 0.01             | 0.1  |
| TANK 11                   | Wastewater Tank 1                   | VOC                            |      | 0.01             | 0.1  |
| TANK 12                   | Wastewater Tank 2                   | VOC                            |      | 0.01             | 0.1  |
| TANK 13                   | Slop Oil/Water Tank                 | VOC                            |      | 0.01             | 0.1  |
| TANK 14                   | Engine Coolant Tank 3               | VOC                            |      | 0.01             | 0.1  |
| TANK 15                   | Engine Lube Oil Tank 2              | VOC                            |      | 0.01             | 0.1  |

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

| Emission<br>Point No. (1) | Source<br>Name (2) | Air Contaminant<br>Name (3) | Emission Rates * |      |
|---------------------------|--------------------|-----------------------------|------------------|------|
|                           |                    |                             | lb/hr            | TPY  |
| TANK 18                   | Condensate Tank 1  | VOC                         | 0.35             | 1.54 |

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
 PM<sub>10</sub> - particulate matter, equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide  
 H<sub>2</sub>S - hydrogen sulfide  
 H<sub>2</sub>SO<sub>4</sub> - sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year \_\_\_\_\_

Date \_\_\_\_\_