

Emission Sources - Maximum Allowable Emission Rates  
Permit Number 114809 & N190

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, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

| Emission Point No. (1) | Source Name (2)            | Air Contaminant Name (3) | Emission Rates |         |
|------------------------|----------------------------|--------------------------|----------------|---------|
|                        |                            |                          | lbs/hour       | TPY (4) |
| LBCT                   | LB-1 Cooling Tower         | PM                       | 0.40           | 1.55    |
|                        |                            | PM <sub>10</sub>         | 0.25           | 0.98    |
|                        |                            | PM <sub>2.5</sub>        | <0.01          | <0.01   |
| LBFUG                  | LB-1 Process Fugitives (5) | VOC                      | 0.91           | 3.98    |
| LBRVE                  | Residual VOC Emissions     | VOC                      | 10.5 -         | 17.03   |
| LBFLARE                | LB-1 Flare                 | CO                       | 341.02         | 38.99   |
|                        |                            | NO <sub>x</sub>          | 73.45          | 8.03    |
|                        |                            | SO <sub>2</sub>          | 0.43           | 0.12    |
|                        |                            | VOC                      | 472.01         | 34.32   |
|                        | MSS Flaring                | CO                       | 412.45         | ---     |
|                        |                            | NO <sub>x</sub>          | 83.03          | ---     |
| LBWW                   | LB-1 WasteWater Flow       | VOC                      | 0.52           | 0.38    |
| LBANALYZ               | LB-1 Analyzers             | VOC                      | 0.01           | 0.01    |
| MSS-LB1RM              | LB-1 Routine Maintenance   | VOC                      | 2.63           | <0.01   |
| MSS-LB1RMA             | LB1 MSS - Attachment A     | VOC                      | 1.25           | 0.01    |
|                        |                            | Tetrachloroethylene      | 1.26           | 0.04    |
| MSS-LB1-VC             | LB-1 Vessel Clearing       | VOC                      | 48.68          | 0.12    |
| LBD103                 | Seal Oil Pot Vent          | VOC                      | <0.01          | <0.01   |
| LBD108                 | Oil Drum Vent              | VOC                      | 0.01           | 0.01    |

Emission Sources - Maximum Allowable Emission Rates

|         |                               |                   |       |       |
|---------|-------------------------------|-------------------|-------|-------|
| LBF809  | Extrusion System Filter       | PM                | 0.13  | 0.56  |
|         |                               | PM <sub>10</sub>  | 0.13  | 0.56  |
|         |                               | PM <sub>2.5</sub> | 0.03  | 0.14  |
| LBF807  | Clean-up Vacuum System        | PM                | 0.13  | 0.56  |
|         |                               | PM <sub>10</sub>  | 0.13  | 0.56  |
|         |                               | PM <sub>2.5</sub> | 0.03  | 0.14  |
| LBF816  | Bulk Additive Silo Filter     | PM                | <0.01 | <0.01 |
|         |                               | PM <sub>10</sub>  | <0.01 | <0.01 |
|         |                               | PM <sub>2.5</sub> | <0.01 | <0.01 |
| LBOHG   | LB-1 Oil Hydraulic Guard D114 | VOC               | <0.01 | <0.01 |
| LBD817  | Additive Drum Vent            | VOC               | <0.01 | <0.01 |
| PK814-1 | Pneumatic Transfer Filter     | PM                | 0.81  | 3.54  |
|         |                               | PM <sub>10</sub>  | 0.81  | 3.54  |
|         |                               | PM <sub>2.5</sub> | 0.20  | 0.88  |
| PK814-2 | Pneumatic Transfer Filter     | PM                | 1.02  | 3.88  |
|         |                               | PM <sub>10</sub>  | 1.02  | 3.88  |
|         |                               | PM <sub>2.5</sub> | 0.26  | 0.97  |
| BL980   | Hopper Blower                 | PM                | 0.17  | 0.01  |
|         |                               | PM <sub>10</sub>  | 0.17  | 0.01  |
|         |                               | PM <sub>2.5</sub> | 0.04  | <0.01 |

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: May 5, 2017