

# Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 8707 and PSDTX655M1

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<br>No. (1) | Source Name (2)   | Air Contaminant<br>Name (3) | Emission Rates |         |
|---------------------------|---|-----------------------------|----------------|---------|
|                           |   |                             | lbs/hour       | TPY (4) |
| 10, 10A and 10B           | 601 Turbine, 602 Turbine, and Fired HRU exhausting thru combined stack 10 and each turbines HRU bypass stacks 10A and 10B | NO <sub>x</sub>             | 26.89          | 109.21  |
|                           |   | CO                          | 12.92          | 51.21   |
|                           |   | CO (6)                      | 24.58          |         |
|                           |   | SO <sub>2</sub>             | 3.81           | 8.10    |
|                           |   | PM                          | 1.66           | 6.08    |
|                           |   | PM <sub>10</sub>            | 1.66           | 6.08    |
|                           |   | PM <sub>2.5</sub>           | 1.66           | 6.08    |
|                           |   | VOC                         | 1.02           | 3.64    |
| F678                      | 42FUG, 57FUG and 84FUG Fugitive Areas (Seminole Fractionator Unit and West Texas Farm Fugitives)                          | VOC (5)                     | 2.89           | 12.65   |
|                           |   | VOC (MSS)                   | 3.82           | 0.01    |
| F8A                       | Seminole Cooling Tower  | PM                          | 1.16           | 5.08    |
|                           |   | PM <sub>10</sub>            | 1.16           | 5.08    |
|                           |   | PM <sub>2.5</sub>           | 1.16           | 5.08    |
|                           |   | VOC                         | 13.21          | 5.79    |
| CCT-601                   | 12601 Inlet Chiller Evaporative Cooler  | PM <sub>10</sub>            | 0.002          | 0.007   |
|                           |   | PM <sub>2.5</sub>           | 0.002          | 0.007   |
| CCT-602                   | 12602 Inlet Chiller Evaporative Cooler  | PM <sub>10</sub>            | 0.002          | 0.007   |
|                           |   | PM <sub>2.5</sub>           | 0.002          | 0.007   |

- (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

Emission Sources - Maximum Allowable Emission Rates

- 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.
  - (6) Increased allowable rate during turbine startups, shutdowns and water wash.

Date: September 30, 2019