

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20204

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 Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|---------------------------------|-----------------------------|------------------|-------|
| | | | lb/hr | TPY |
| PL-6L | Tank Truck Loading | VOC | 2.13 | 0.01 |
| PL-6F | Liquid CO Tank | CO | 80.00 | 5.70 |
| PL-6G | D Unit Shaker Screen Vent | VOC | 1.23 | 5.45 |
| | | CO | 0.05 | 0.03 |
| PL-6H | D Unit Waste Pellet Dumpster | VOC | 9.84 | 35.58 |
| | | CO | <0.01 | <0.01 |
| PL-6I | D Unit Wax Vent Stack | VOC | 8.56 | 2.70 |
| | | CO | 0.02 | 0.10 |
| PL-6R | D Unit Analyzer Vents | VOC | 0.13 | 0.47 |
| PL-7B | 550-HP Compressor | VOC | 1.00 | --- |
| | | CO | 3.21 | --- |
| | | NO _x | 26.40 | --- |
| | | SO ₂ | 0.005 | --- |
| | | PM | 0.40 | --- |
| PL-7C | 880-HP Compressor | VOC | 1.37 | --- |
| | | CO | 4.42 | --- |
| | | NO _x | 36.30 | --- |
| | | SO ₂ | 0.007 | --- |
| | | PM | 0.55 | --- |

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| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|--|----------------------|-----------------------------|------------------|--------|
| | | | lb/hr | TPY |
| PL-7D | 550-HP Compressor | VOC | 0.94 | --- |
| | | CO | 3.01 | --- |
| | | NO _x | 24.75 | --- |
| | | SO ₂ | 0.005 | --- |
| | | PM | 0.38 | --- |
| PL-7E | 550-HP Compressor | VOC | 0.94 | --- |
| | | CO | 3.01 | --- |
| | | NO _x | 24.75 | --- |
| | | SO ₂ | 0.005 | --- |
| | | PM | 0.38 | --- |
| PL-7F | 880-HP Compressor | VOC | 1.37 | --- |
| | | CO | 4.42 | --- |
| | | NO _x | 36.30 | --- |
| | | SO ₂ | 0.007 | --- |
| | | PM | 0.55 | --- |
| PL-7G | 880-HP Compressor | VOC | 1.37 | --- |
| | | CO | 4.42 | --- |
| | | NO _x | 36.30 | --- |
| | | SO ₂ | 0.007 | --- |
| | | PM | 0.55 | --- |
| PL-7H | 880-HP Compressor | VOC | 1.37 | --- |
| | | CO | 4.42 | --- |
| | | NO _x | 36.30 | --- |
| | | SO ₂ | 0.007 | --- |
| | | PM | 0.55 | --- |
| PL-7B, PL-7C, PL-7D, PL-7E, PL-7F, PL-7G, and PL-7H | Combined Compressors | VOC | --- | 27.63 |
| | | CO | --- | 88.88 |
| | | NO _x | --- | 729.92 |
| | | SO ₂ | --- | 0.14 |
| | | PM | --- | 11.12 |
| PL-8D | Storage Tank | VOC | 0.02 | 0.20 |
| PL-8E | Storage Tank | VOC | 1.47 | 0.05 |

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|---------------------------|------------------------------|-----------------------------|------------------|--------|
| | | | lb/hr | TPY |
| PL-8F | Storage Tank | VOC | 17.33 | 0.10 |
| PL-8G | Storage Tank | VOC | 0.08 | 0.60 |
| PL-8H | Storage Tank | VOC | 0.06 | 0.26 |
| PL-8I | Storage Tank | VOC | 0.05 | 0.22 |
| PL-8J | Storage Tank | VOC | 0.04 | 0.15 |
| PL-8K | Storage Tank | VOC | 1.35 | 6.89 |
| PL-8Q | Storage Tank | VOC | 0.02 | 0.10 |
| PL-8R | Storage Tank | VOC | 0.39 | 1.72 |
| PL-8S | Storage Tank | VOC | <0.01 | <0.01 |
| PL-8U | Storage Tank | VOC | <0.01 | 0.01 |
| PL-9B | G Unit Wax Vent Stack | VOC | 15.03 | 3.73 |
| PL-9J | G Unit Waste Pellet Dumpster | VOC | 2.20 | 8.10 |
| PLA-9A | Storage Tank | VOC | 0.59 | 1.60 |
| PLA-9B | Storage Tank | VOC | 0.59 | 1.60 |
| PLA-9C | Storage Tank | VOC | 1.55 | 5.41 |
| PLA-14 | Storage Tank | VOC | 1.44 | 0.37 |
| PL-F5 | D Unit Fugitives (4) | VOC | 35.40 | 104.70 |
| | | CO | 0.35 | 0.25 |
| PL-F6 | G Unit Fugitives (4) | VOC | 73.20 | 269.30 |
| PL-10 | Fume Abater | VOC | 19.22 | 53.47 |

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|---------------------------|--------------------|-----------------------------|------------------|-------|
| | | | lb/hr | TPY |
| | | CO 31.02 | 84.37 | |
| | | NO _x 5.10 | 20.79 | |
| | | PM 0.24 | 0.98 | |
| PL-12 | Fume Abater | VOC | 19.22 | 53.47 |
| | | CO 31.02 | 84.37 | |
| | | NO _x 5.10 | 20.79 | |
| | | PM 0.24 | 0.98 | |
| PL-22 | CDG Flare | VOC | 235.70 | 67.40 |
| | | CO 150.90 | 44.10 | |
| | | NO _x 20.90 | 6.10 | |

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. 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
CO - carbon monoxide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - 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.
- (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 _____Days/week _____Weeks/year or 8,760 Hrs/year

Dated_____