

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Flexible Permit Numbers 51770 and PSD-TX-486M3

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* |

INITIAL EMISSION CAP (4)

| | | | | |
|---------------------------|--|--------------------------------|-----------|-----------|
| FPP-1, FPP-2, and 3-1B | Boiler Nos. 1, 2, 3, all material handling, and PBR authorizations included in the annual caps. | PM | 1,441.39 | 5,155.16 |
| | | PM ₁₀ | 1,393.49 | 5,090.52 |
| | | SO ₂ | 19,135.00 | 34,122.11 |
| | | NO _x | 11,241.00 | 20,062.63 |
| | | CO | 3,738.00 | 11,878.35 |
| | Boiler Nos. 1, 2, 3, and all material handling included in hourly caps. | VOC | 88.60 | 300.51 |
| | | H ₂ SO ₄ | 386.00 | 493.90 |
| | | Pb | 0.29 | 1.28 |
| | | | | |
| | | | | |

INTERIM EMISSION CAP (4)

| | | | | |
|---------------------------|--|--------------------------------|-----------|-----------|
| FPP-1, FPP-2, and 3-1B | Boiler Nos. 1, 2, 3, all material handling, and PBR authorizations included in the annual caps. | PM | 1,441.39 | 5,155.16 |
| | | PM ₁₀ | 1,393.49 | 5,090.52 |
| | | SO ₂ | 19,135.00 | 34,122.11 |
| | | NO _x | 11,241.00 | 10,493.13 |
| | | CO | 3,738.00 | 11,878.35 |
| | Boiler Nos. 1, 2, 3 and all material handling included in hourly caps. | VOC | 88.60 | 300.51 |
| | | H ₂ SO ₄ | 386.00 | 493.90 |
| | | Pb | 0.29 | 1.28 |
| | | | | |
| | | | | |

FINAL EMISSION CAP (4)

| | | | | |
|---------------------------|--|------------------|----------|-----------|
| FPP-1, FPP-2, and 3-1B | Boiler Nos. 1, 2, 3, all material handling, and PBR authorizations included in the annual caps. | PM | 1,060.33 | 4,363.15 |
| | | PM ₁₀ | 1,008.13 | 4,275.61 |
| | | SO ₂ | 7,001.00 | 6,548.12 |
| | | NO _x | 4,459.00 | 9,521.77 |
| | | CO | 3,738.00 | 11,878.35 |
| | | | | |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates **</u> | |
|---------------------------|--------------------|-----------------------------|--------------------------|-------------|
| | | | <u>lb/hr</u> | <u>TPY*</u> |

Boiler Nos. 1, 2, 3, and

VOC

89.80

300.51

| | | | |
|--------------------------------|-------------------------|--------|--------|
| all material handling included | H_2SO_4 | 170.00 | 491.00 |
|--------------------------------|-------------------------|--------|--------|

in hourly caps.

Pb

0.29

1.28

HF 72.37 102.24

HCl 681.12 315.23

(1) Emission point identification - either specific equipment designation or emission point number

from plot plan. Most of the emissions under the caps are emitted from three boiler stacks,

EPNs FPP-1, FPP-2, and 3-1B. Attachment B to the MAERT identifies all sources authorized

under the emissions CAPs.

(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_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 PM greater than 10 microns is emitted.

CO - carbon monoxide

H_2SO_4 - sulfuric acid

Pb - lead

HF - hydrogen fluoride

HC1 - hydrogen chloride

(4) Initial emission cap becomes effect upon issuance of this permit. Interim emissions cap

becomes effective on May 1, 2005. The final emissions cap becomes effective no later than ten

years from the date of issuance of this permit.

* Compliance with annual emission limits is based on a rolling 12-month period.

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

schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated December 16, 2003