

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, and 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, and 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, and 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, and 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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission

Source

Air Contaminant

Emission Rates **

Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY*</u>
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FPP-1, FPP-2,	Boiler Nos. 1, 2, and 3,	PM	1,060.33	4,363.15
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and 3-1B

all material handling, and

PM₁₀

1,008.13

4,275.61

PBR authorizations included	SO ₂	7,001.00	6,548.12
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in the annual caps.

NO_x

4,459.00

9,521.77

CO	3,738.00	11,878.35
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Boiler Nos. 1, 2, and 3 and	VOC	89.80	300.51
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all material handling included	H_2SO_4	170.00	491.00
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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

particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

H_2SO_4 - sulfuric acid

Pb - 1lead

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_____