EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 85862 and PSD-TX-1153

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**
STCK_1A	CTG-HRSG1A Stack (GE 7FA)	NO_x NO_x [Startup & Shutdown] VOC VOC [Startup & Shutdown] CO CO [Startup & Shutdown] PM_{10} SO_2 H_2SO_4 Ammonia	17.29 226.00 12.02 113.00 59.78 1750.00 22.53 14.72 0.95 22.40	70.16 -- 21.86 -- 177.78 -- 83.14 12.04 0.78 90.75
STCK_1B	CTG-HRSG1B Stack (GE 7FA)	NO_x NO_x [Startup & Shutdown] VOC VOC [Startup & Shutdown] CO CO [Startup & Shutdown] PM_{10} SO_2 H_2SO_4 Ammonia	17.29 226.00 12.02 113.00 59.78 1750.00 22.53 14.72 0.95 22.40	70.16 -- 21.86 -- 177.78 -- 83.14 12.04 0.78 90.75
CT1	Unit 1 Cooling Tower	PM_{10}	0.79	3.44
STCK_2A	CTG-HRSG2A Stack (GE 7FA)	NO_x NO_x [Startup & Shutdown] VOC VOC [Startup & Shutdown] CO CO [Startup & Shutdown] PM_{10}	17.29 226.00 12.02 113.00 59.78 1750.00 22.53	70.16 -- 21.86 -- 177.78 -- 83.14

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		SO_2	14.72	12.04
		H_2SO_4	0.95	0.78
		Ammonia	22.40	90.75
STCK_2B	CTG-HRSG2B Stack (GE 7FA)	NO_x	17.29	70.16
		NO_x [Startup & Shutdown]	226.00	--
		VOC	12.02	21.86
		VOC [Startup & Shutdown]	113.00	--
		CO	59.78	177.78
		CO [Startup & Shutdown]	1750.00	--
		PM_{10}	22.53	83.14
		SO_2	14.72	12.04
		H_2SO_4	0.95	0.78
		Ammonia	22.40	90.75
CT2	Unit 2 Cooling Tower	PM_{10}	0.79	3.44
AB	Auxiliary Boiler 300 MMBtu/hr	NO_x	3.23	3.23
		VOC	0.38	0.38
		CO	5.48	5.48
		PM_{10}	1.50	1.50
		SO_2	0.18	0.18
EG	Emergency Generator	NO_x	41.87	2.09
		VOC	0.91	0.05
		CO	3.43	0.17
		PM_{10}	0.23	0.01
		SO_2	1.00	0.05
FWP	Fire Water Pump	NO_x	3.55	0.107
		VOC	0.28	0.008
		CO	0.20	0.006
		PM_{10}	0.16	0.005
		SO_2	0.12	0.004
FUG-NH1	SCR Piping Fugitives	Ammonia	0.10	0.45
FUG-NGP	Natural Gas Piping Fugitives	VOC	0.02	0.06

(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 an area name or fugitive source name.
(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO_2 - sulfur dioxide

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H_2SO_4 -   sulfuric acid
PM_{10} -   particulate matter equal to or less than 10 microns in diameter
CO   -   carbon monoxide

(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_8760_Hrs/year

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

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