

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 676A

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**
STK-20R-1	800-HP White Superior 8G825	PM ₁₀	0.12	0.54
		VOC	1.76	7.72
		NO _x	3.53	15.45
		SO ₂	<0.01	0.02
		CO	5.29	23.17
STK-21R	675-HP White Superior 8G825	PM ₁₀	0.10	0.46
		VOC	1.49	6.52
		NO _x	2.98	13.04
		SO ₂	<0.01	0.02
		CO	4.46	19.55
STK-22R	675-HP White Superior 8G825	PM ₁₀	0.10	0.46
		VOC	1.49	6.52
		NO _x	2.98	13.04
		SO ₂	<0.01	0.02
		CO	4.46	19.55
HTR2A-A,B,C	5.25 MMBtu/hr Glycol Reboiler	PM ₁₀	0.04	0.17
		VOC	0.03	0.12
		NO _x	0.51	2.25
		SO ₂	<0.01	0.02
		CO	0.43	1.89
COWDEN-VNT	Dehy Water Flashing Unit	VOC	<0.01	<0.01
DEHY-FUG	Dehydration Fugitives (4)	VOC	0.07	0.31
AMINE-TK	500-bbl Amine Make-up Tank	VOC	0.01	<0.01

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AMINE-FUG	Amine Fugitives	VOC	0.37	1.63
		H ₂ S	0.03	0.15
INCIN	SRU Tail Gas Incinerator**	NO _x	3.2	14.0
		SO ₂	481.7	1521.8
		CO	42.0	185.0
		H ₂ S	0.11	0.44

(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) 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.

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

H₂S - hydrogen sulfide

(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 ____ Hrs/year 8,760

** Compliance with annual emission limits is based on a rolling 12-month period. Compliance of EPN INCIN with annual emission limits is based on a rolling 52-week period.

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Dated March 26, 2002