

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22065/PSD-TX-819

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
8	Cooper-Bessemer GMVH-10-C2 Engine 2250 HP		NOx	9.91	43.41	
			CO	12.39	54.27	
			VOC	4.96	21.72	
			SO2	0.24	1.05	
50	Cooper-Bessemer GMVH-10-C2 Engine 2250 HP		NOx	9.91	43.41	
			CO	12.39	54.27	
			VOC	4.96	21.72	
			SO2	0.24	1.05	
51	Cooper-Bessemer GMVH-10-C2 ENGINE 2250 HP		NOx	9.91	43.41	
			CO	12.39	54.27	
			VOC	4.96	21.72	
			SO2	0.24	1.05	
52	Cooper-Bessemer GMVH-10-C2 ENGINE 2250 HP		NOx	9.91	43.41	
			CO	12.39	54.27	
			VOC	4.96	21.72	
			SO2	0.24	1.05	
53	Solar Centaur T-4700 Turbine 4650 HP Without SoLoNOx		NOx	26.63	116.64	
			CO	12.29	53.83	
			VOC	5.12	22.43	
			SO2	0.74	3.25	
44	Flare		NOx	0.34	1.49	
			CO	2.88	12.61	
			SO2	55.83	244.52	
			H2S	0.59	2.60	
FUG-1	New Fugitives		VOC	1.24	5.42	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *			
			lb/hr	TPY		
				H2S	<0.01	<0.01
FUG-2	Existing Fugitives After Controls			VOC	35.7	156.38
				H2S	<0.01	<0.01
CWT	Cooling Tower			VOC	0.10	0.44

After SoLoNOx Modification NLT 12/31/97

53	Solar Centaur		NOx	7.77	34.01
	T-4700 Turbine		CO	5.63	24.65
	4650 HP		VOC	1.61	7.06
	With SoLoNOx		SO2	0.74	3.25

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide

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

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Dated _____