EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48798

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**
1	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23
2	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23
3	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23
4	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23
5	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23
6	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23
7	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23
8	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23
9	Cooper Bessemer GMV10 (1,250-Horsepower) (5)	CO	6.04	26.46
		NO_x	49.57	217.12
		VOC	1.88	8.23

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
10	Cooper Bessemer GMV10	CO	6.04	26.46
	(1,250-Horsepower) (5)	NO_x	49.57	217.12
		VOC	1.88	8.23
11	Cooper Bessemer GMV10	CO	6.04	26.46
	(1,250-Horsepower) (5)	NO_x	49.57	217.12
		VOC	1.88	8.23
12	Cooper Bessemer GMV10	CO	6.04	26.46
	(1,250-Horsepower) (5)	NO_x	49.57	217.12
		VOC	1.88	8.23
13	Cooper Bessemer GMVA10	CO	6.51	28.52
	(1,350-Horsepower) (5)	NO_x	53.52	234.44
		VOC	2.03	8.90
14	Cooper Bessemer GMVA10	CO	6.51	28.52
	(1,350-Horsepower) (5)	NO_x	53.52	234.44
		VOC	2.03	8.90
15	Cooper Bessemer GMVH10	CO	7.39	32.34
	(2,000-Horsepower) (6)	NO_x	60.65	265.63
		VOC	2.30	10.06
		CO (7)	4.40	19.30
		NO_x (7)	30.83	135.07
		VOC (7)	4.40	19.30
16	Cooper Bessemer GMVH10	CO	7.39	32.34
	(2,000-Horsepower) (6)	NO_x	60.65	265.63
		VOC	2.30	10.06
		CO (7)	4.40	19.30
		NO_x (7)	30.83	135.07
		VOC (7)	4.40	19.30
17	Cooper Bessemer GMVH10	CO	7.39	32.34

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
	(2,000-Horsepower) (6)	NO_x	60.65	265.63
		VOC 2.30	10.06	
		CO (7)	4.40	19.30
		NO_x (7)	30.83	135.07
		VOC (7)	4.40	19.30
18	Cooper Bessemer GMVH10	CO	7.39	32.34
	(2,000-Horsepower) (6)	NO_x	60.65	265.63
		VOC 2.30	10.06	
		CO (7)	4.40	19.30
		NO_x (7)	30.83	135.07
		VOC (7)	4.40	19.30
19	Cooper Bessemer GMVH10	CO	7.39	32.34
	(2,000-Horsepower) (6)	NO_x	60.65	265.63
		VOC 2.30	10.06	
		CO (7)	4.40	19.30
		NO_x (7)	30.83	135.07
		VOC (7)	4.40	19.30
20	Cooper Bessemer GMVH10	CO	7.39	32.34
	(2,000-Horsepower) (6)	NO_x	60.65	265.63
		VOC 2.30	10.06	
		CO (7)	4.40	19.30
		NO_x (7)	30.83	135.07
		VOC (7)	4.40	19.30
21	Cooper Bessemer GMVH10	CO	7.39	32.34
	(2,000-Horsepower) (6)	NO_x	60.65	265.63
		VOC 2.30	10.06	
		CO (7)	4.40	19.30
		NO_x (7)	30.83	135.07
		VOC (7)	4.40	19.30
22	Cooper Bessemer GMVH10	CO	7.39	32.34
	(2,000-Horsepower) (6)	NO_x	60.65	265.63

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
		VOC 2.30	10.06	
		CO (7)	4.40	19.30
		NO_x (7)	30.83	135.07
		VOC (7)	4.40	19.30
30	Cooper Bessemer JS8 (5)	CO	1.90	8.30
	(715-Horsepower)	NO_x	24.39	106.82
		VOC 0.71	3.09	
31	Cooper Bessemer JS8 (5)	CO	1.90	8.30
	(715-Horsepower)	NO_x	24.39	106.82
		VOC 0.71	3.09	
32	Cooper Bessemer JS8 (5)	CO	1.90	8.30
	(715-Horsepower)	NO_x	24.39	106.82
		VOC 0.71	3.09	
33	Cooper Bessemer JS8 (5)	CO	1.90	8.30
	(715-Horsepower)	NO_x	24.39	106.82
		VOC 0.71	3.09	
34	Dresser Rand PKVG8 (5)	CO	1.90	8.30
	(880-Horsepower)	NO_x	24.39	106.82
		VOC 0.71	3.09	
35	Dresser Rand PKVG8 (5)	CO	1.90	8.30
	(880-Horsepower)	NO_x	24.39	106.82
		VOC 0.71	3.09	
37A	Flare	CO	7.12	31.19
	Start-Up, Shutdown, and	NO_x	1.39	6.12
	Maintenance Emissions Only	SO_2	0.01	0.04
		VOC 0.13	0.58	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
37B	Flare	CO	4.40	19.29
	Start-Up, Shutdown, and	NO_x	2.21	9.66
	Maintenance Emissions Only	SO_2	0.01	0.01
		VOC	0.07	0.29
HTR-37	Borne Heater	CO	3.61	15.80
	(41.1 MMBtu/hr)	NO_x	4.30	18.81
		PM_{10}	0.33	1.43
		SO_2	0.03	0.11
		VOC	0.24	1.04
FUG	Process Fugitive Area (4)	VOC	6.81	29.83

(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) VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1
CO - carbon monoxide
NO_x - nitrogen oxides
PM_{10} - particulate matter less than 10 microns
SO_2 - sulfur dioxide
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) These engines shall be permanently shutdown and rendered inoperable by December 31, 2007.
(6) Emission rate prior to the engine rebuild that is required by Special Condition No. 1. The rebuild of this engine must be complete by December 31, 2007.
(7) Emission rate after engine rebuild completion.

* 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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**

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