

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8925 and PSD-TX-432M2

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**
4	800 HP White Superior 8G-825 (10)(11)		VOC	1.76
		7.72		
		NO _x 3.52	15.44	
		CO 5.29	23.15	
10A	1478 HP Waukesha 7042 GL (8)	VOC	0.8	3.6
		NO _x 6.5	28.6	
		CO 9.8	42.8	
12	730 HP Caterpillar 399TA-LCR (10)(11)		VOC	1.61
		7.04		
		NO _x 3.22	14.09	
		CO 4.82	21.13	
13	730 HP Caterpillar 399TA-LCR (10)(11)		VOC	1.61
		7.04		
		NO _x 3.22	14.09	
		CO 4.82	21.13	
14	1050 HP Waukesha L-7042 GSIU (6)(7)	VOC	0.2	1.0
		NO _x	4.6	20.3
		CO	9.3	40.6
15	1050 HP Waukesha L-7042 GSIU (6)(7)	VOC	0.2	1.0
		NO _x	4.6	20.3
		CO	9.3	40.6
17	500 HP Caterpillar 398 NA (7)	VOC	0.2	0.7
		NO _x 2.2	9.6	
		CO 3.3	14.5	

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			lb/hr	TPY**
18	750 HP Caterpillar 399TA-LCR (10)(11)	VOC	7.24	1.65
		NO _x	3.30	14.47
		CO	4.96	21.71
21	2750 HP MEP 10GT Engine (5)(8)	VOC	1.8	8.0
		NO _x	30.3	132.7
		CO	30.3	132.7
23	2750 HP MEP 10GT Engine (5)(8)	VOC	1.8	8.0
		NO _x	30.3	132.7
		CO	30.3	132.7
24	2100 HP MEP 8GT Engine (5)(8)	VOC	1.9	8.1
		NO _x	24.2	106.1
		CO	19.2	83.9
25	2100 HP MEP 8GT Engine (5)(8)	VOC	1.9	8.1
		NO _x	24.2	106.1
		CO	19.2	83.9
48	800 HP Caterpillar G399TAA Engine (5)(8)	VOC	0.3	1.2
		NO _x	5.3	23.2
		CO	5.3	23.2
49	800 HP Caterpillar G399TAA Engine (5)(7)	VOC	0.1	0.6
		NO _x	5.3	23.2
		CO	5.3	23.2
50	800 HP Caterpillar G399TAA Engine (5)(7)	VOC	0.1	0.6
		NO _x	5.3	23.2
		CO	5.3	23.2
51	800 HP Caterpillar G399TAA Engine (5)(7)	VOC	0.1	0.6
		NO _x	5.3	23.2
		CO	5.3	23.2
52	800 HP Caterpillar G399TAA	VOC	0.1	0.6

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			lb/hr	TPY**
	Engine (5)(7)	NO _x	5.3	23.2
		CO	5.3	23.2
C-5A	4333 HP Solar Centaur T-4700 (10)(11) 6.3	VOC		1.4
		NO _x	6.8	29.7
		CO	5.0	21.7
C-5B	4333 HP Solar Centaur T-4700 (10)(11) 6.3	VOC		1.4
		NO _x	6.8	29.7
		CO	5.0	21.7
C-6A	1400 HP Waukesha 7044 GSI (10)(11) 13.52	VOC		3.09
		NO _x	6.17	27.04
		CO	9.26	40.56
C-6B	1400 HP Waukesha 7044 GSI (10)(11) 13.52	VOC		3.09
		NO _x	6.17	27.04
		CO	9.26	40.56
G-101	1160 HP Waukesha 7042 GSI (10)(11) 11.2	VOC		2.56
		NO _x	5.11	22.4
		CO	7.67	33.6
G-102	1160 HP Waukesha 7042 GSI (10)(11) 11.2	VOC		2.56
		NO _x	5.11	22.4
		CO	7.67	33.6
G-103	1160 HP Waukesha 7042 GSI (10)(11) 11.2	VOC		2.56

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		NO _x	5.11	22.4
		CO	7.67	33.6
G-104	1160 HP Waukesha 7042 GSI (10)(11) 11.2		VOC	2.56
		NO _x	5.11	22.4
		CO	7.67	33.6
73VNT	Plant 1 Amine Unit Regen Vent (10)	VOC	2.54	11.12
FUG-01	Plant Fugitives (4)(10)	VOC	1.36	5.94

- (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 Title 30 Texas Administrative Code (TAC) § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) These sources are included in Permit Number PSD-TX-432M2.
- (6) These sources are also authorized by Permit Number PSD-TX-206M1.
- (7) Equipped with catalytic converter.
- (8) Clean Burn Engine
- (9) These engines (EPNs 44 and 45) shall only be run for a maximum of 104 hours per year
- (10) This source was previously authorized under Standard Permit Number 47454 and is incorporated into the permit with this renewal.
- (11) Equipped with Non-Selective Catalytic Converter (NSCR) and Air-Fuel Ratio Controller (AFR).

* 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 except where noted

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

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Dated October 3, 2002