

# EMISSION SOURCES - MAXIMUM EMISSION RATES

Standard Permit Number 85411

This table lists the maximum 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, sources, and related activities. Any proposed increase in emission rates may require an application for a revision of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
CAT 1	1,775-hp Caterpillar 3606	VOC	0.95	4.11
		NO <sub>x</sub>	1.96	8.57
		CO	1.96	8.57
		SO <sub>2</sub>	0.007	0.03
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.001	0.004
		Formaldehyde	0.16	0.69
CAT 2	2,445-hp Caterpillar 3608	VOC	1.94	8.50
		NO <sub>x</sub>	2.70	11.81
		CO	2.70	11.81
		SO <sub>2</sub>	0.01	0.04
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	0.06
		Formaldehyde	0.22	0.94
CAT 3	2,445-hp Caterpillar 3608	VOC	1.94	8.50
		NO <sub>x</sub>	2.70	11.81
		CO	2.70	11.81
		SO <sub>2</sub>	0.01	0.04
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	0.06
		Formaldehyde	0.22	0.94
CAT 4	2,445-hp Caterpillar 3608	VOC	1.94	8.50
		NO <sub>x</sub>	2.70	11.81
		CO	2.70	11.81

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		SO <sub>2</sub>	0.01	0.04
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	0.06
		Formaldehyde	0.22	0.94
DEHY	Dehydrator Still Column	VOC	0.72	3.16
RBLR	Dehydrator Reboiler	VOC	0.001	0.004
		NO <sub>x</sub>	0.02	0.07
		CO	0.01	0.05
		SO <sub>2</sub>	0.001	0.001
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.001	0.005
TANK 1	Tank	VOC	0.34	1.51
TANK 2	Tank	VOC	0.34	1.51
TANK 3	Tank	VOC	0.34	1.51
FUG	Fugitives	VOC	0.68	2.96
FLASH	Flash Emissions	VOC	0.93	4.06
TRUCK	Truck Loading	VOC	0.57	0.11

Air Contaminant	Total Emission Rates	
	lbs/hr	tons per year
VOC	10.69	44.43
NO <sub>x</sub>	10.08	44.07
CO	10.06	44.05
SO <sub>2</sub>	0.04	0.15
PM <sub>10</sub> / PM <sub>2.5</sub>	0.03	0.19
FORMALDEHYDE	0.82	3.51

(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) 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 <sub>x</sub>	- total oxides of nitrogen
CO	- carbon monoxide
SO <sub>2</sub>	- sulfur dioxide

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PM represented	- total particulate matter, suspended in the atmosphere, including PM <sub>10</sub> and PM <sub>2.5</sub> , as represented
PM <sub>10</sub>	- total particulate matter equal to or less than 10 microns in diameter, including PM <sub>2.5</sub> , as represented
PM <sub>2.5</sub>	- particulate matter equal to or less than 2.5 microns in diameter
HAP	- hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations. Emission values should be used for federal applicability.

Effective  
Date:

January 13, 2011

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