

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 55778

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**
COMP ENG 1	Engine	NO <sub>x</sub>	86.8	380.2
		CO	32.0	140.0
		VOC	5.4	23.5
		PM	1.0	4.2
		SO <sub>2</sub>	0.01	0.05
		Formaldehyde	1.1	4.8
COMP ENG 2	Engine	NO <sub>x</sub>	86.8	380.2
		CO	32.0	140.0
		VOC	5.4	23.5
		PM	1.0	4.2
		SO <sub>2</sub>	0.01	0.05
		Formaldehyde	1.1	4.8
COMP ENG 3	Engine	NO <sub>x</sub>	86.8	380.2
		CO	32.0	140.0
		VOC	5.4	23.5
		PM	1.0	4.2
		SO <sub>2</sub>	0.01	0.05
		Formaldehyde	1.1	4.8
COMP ENG 4	Engine	NO <sub>x</sub>	86.8	380.2
		CO	32.0	140.0
		VOC	5.4	23.5
		PM	1.0	4.2
		SO <sub>2</sub>	0.01	0.05
		Formaldehyde	1.1	4.8

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Emission	Source	Air Contaminant		Emission Rates *	
Point No. (1)	Name (2)	Name (3)		lb/hr	TPY**
COMP ENG 5	Engine	NO <sub>x</sub>		86.8	380.2
		CO	32.0	140.0	
		VOC	5.4	23.5	
		PM	1.0	4.2	
		SO <sub>2</sub>	0.01	0.05	
		Formaldehyde		1.1	4.8
COMP ENG 6	Engine	NO <sub>x</sub>		86.8	380.2
		CO	32.0	140.0	
		VOC	5.4	23.5	
		PM	1.0	4.2	
		SO <sub>2</sub>	0.01	0.05	
		Formaldehyde		1.1	4.8
COMP ENG 7	Engine	NO <sub>x</sub>		86.8	380.2
		CO	32.0	140.0	
		VOC	5.4	23.5	
		PM	1.0	4.2	
		SO <sub>2</sub>	0.01	0.05	
		Formaldehyde		1.1	4.8
COMP ENG 9	Engine	NO <sub>x</sub>		204.9	898
		CO	36.0	158	
		VOC	4.4	19.1	
		PM	1.8	7.9	
		SO <sub>2</sub>	0.02	0.1	
		Formaldehyde		2.1	9.0
COMP ENG 10	Engine	NO <sub>x</sub>		204.9	898
		CO	36.0	158	
		VOC	4.4	19.1	
		PM	1.8	7.9	
		SO <sub>2</sub>	0.02	0.1	
		Formaldehyde		2.1	9.0
Combined annual emission limits for all nine engines		NO <sub>x</sub>		1796	
		CO		316	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
		VOC	47	
		PM	15.8	
		SO <sub>2</sub>	0.2	
		Formaldehyde		18

(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 area name or fugitive source name.

(3) NO<sub>x</sub> - total oxides of nitrogen

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

CO - carbon monoxide

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

SO<sub>2</sub> - sulfur dioxide

\* Each engine may operate up to 8,760 hours per year, but only two of the nine engines may operate at any given time.

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

Dated July 29, 2005