

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 73444

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, sources, and related activities. 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 (5)	
			lbs/hour	TPY (4)
CS169-1A	Exhaust Stack No. 1A Half of emissions from 4,000-hp Worthington Mainliner 14 Vee	NO <sub>x</sub>	44.4	195
		CO	5.5	24
		VOC	1.7	7.4
		PM <sub>10</sub>	0.14	0.6
		PM <sub>2.5</sub>	0.14	0.6
		SO <sub>2</sub>	0.01	0.04
		CH <sub>2</sub> O	0.75	3.4
		C <sub>6</sub> H <sub>6</sub>	0.025	0.12
CS169-1B	Exhaust Stack No. 1B Half of emissions from 4,000-hp Worthington Mainliner 14 Vee	NO <sub>x</sub>	44.4	195
		CO	5.5	24
		VOC	1.7	7.4
		PM <sub>10</sub>	0.14	0.6
		PM <sub>2.5</sub>	0.14	0.6
		SO <sub>2</sub>	0.01	0.04
		CH <sub>2</sub> O	0.75	3.4
		C <sub>6</sub> H <sub>6</sub>	0.025	0.12
CS169-2A	Exhaust Stack No. 2A Half of emissions from 4,000-hp Worthington Mainliner 14 Vee	NO <sub>x</sub>	44.4	195
		CO	5.5	24
		VOC	1.7	7.4
		PM <sub>10</sub>	0.14	0.6
		PM <sub>2.5</sub>	0.14	0.6
		SO <sub>2</sub>	0.01	0.04
		CH <sub>2</sub> O	0.75	3.4

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		C <sub>6</sub> H <sub>6</sub>	0.025	0.12
CS169-2B	Exhaust Stack No. 2B Half of emissions from 4,000-hp Worthington Mainliner 14 Vee	NO <sub>x</sub>	44.4	195
		CO	5.5	24
		VOC	1.7	7.4
		PM <sub>10</sub>	0.14	0.6
		PM <sub>2.5</sub>	0.14	0.6
		SO <sub>2</sub>	0.01	0.04
		CH <sub>2</sub> O	0.75	3.4
		C <sub>6</sub> H <sub>6</sub>	0.025	0.12

- (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 Title 30 Texas Administrative Code § 101.1  
 CH<sub>2</sub>O - Formaldehyde (speciated)  
 C<sub>6</sub>H<sub>6</sub> - Benzene (speciated)  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 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  
 CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rates are based on a maximum operating schedule of 8,760 hours per year. Data used to demonstrate compliance with the emission rates shall be reported in agreement with the number of significant digits listed in the maximum allowable emission rates table and standard rounding rules shall be applied.

Date: July 24, 2015