

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56321

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**
32ENG-5A	Worthington LTC-8H (1,100-HP) (4)	CO	4.75	20.81
		NO <sub>x</sub>	50.05	219.22
		PM <sub>10</sub>	0.51	2.23
		SO <sub>2</sub>	0.01	0.03
		VOC	1.26	5.52
	(5)	CO	4.75	20.81
		NO <sub>x</sub>	24.25	106.22
		PM <sub>10</sub>	0.51	2.23
		SO <sub>2</sub>	0.01	0.03
		VOC	1.26	5.52
32ENG-6A	Worthington LTC-8H (1,100-HP) (4)	CO	4.75	20.81
		NO <sub>x</sub>	50.05	219.22
		PM <sub>10</sub>	0.51	2.23
		SO <sub>2</sub>	0.01	0.03
		VOC	1.26	5.52
	(5)	CO	4.75	20.81
		NO <sub>x</sub>	24.25	106.22
		PM <sub>10</sub>	0.51	2.23
		SO <sub>2</sub>	0.01	0.03
		VOC	1.26	5.52
32ENG-7A	Worthington LTC-8H (1,100-HP) (4)	CO	4.75	20.81
		NO <sub>x</sub>	50.05	219.22
		PM <sub>10</sub>	0.51	2.23
		SO <sub>2</sub>	0.01	0.03
		VOC	1.26	5.52

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			lb/hr	TPY**
	(5)	CO	4.75	20.81
		NO <sub>x</sub> 24.25	106.22	
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	
32ENG-8A	Worthington LTC-8H (1,100-HP) (4)	CO	4.75	20.81
		NO <sub>x</sub>	50.05	219.22
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	
	(5)	CO	4.75	20.81
		NO <sub>x</sub> 24.25	106.22	
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	
32ENG-9A	Worthington LTC-8H (1,100-HP) (4)	CO	4.75	20.81
		NO <sub>x</sub>	50.05	219.22
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	
	(5)	CO	4.75	20.81
		NO <sub>x</sub> 24.25	106.22	
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	
32ENG-10A	Worthington LTC-8H (1,100-HP) (4)	CO	4.75	20.81
		NO <sub>x</sub>	50.05	219.22
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	

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			lb/hr	TPY**
	(5)	CO	4.75	20.81
		NO <sub>x</sub> 24.25	106.22	
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	
32ENG-11A	Worthington LTC-8H (1,100-HP) (4)	CO	4.75	20.81
		NO <sub>x</sub>	50.05	219.22
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	
	(5)	CO	4.75	20.81
		NO <sub>x</sub> 24.25	106.22	
		PM <sub>10</sub> 0.51	2.23	
		SO <sub>2</sub> 0.01	0.03	
		VOC 1.26	5.52	
32ENG-1B	Worthington UTC-168 (1,600-HP) (4)	CO	7.65	33.51
		NO <sub>x</sub>	90.01	394.24
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
	(5)	CO	7.65	33.51
		NO <sub>x</sub> 44.09	193.12	
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
32ENG-2B	Worthington UTC-168 (1,600-HP) (4)	CO	7.65	33.51
		NO <sub>x</sub>	90.01	394.24
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	(5)	CO	7.65	33.51
		NO <sub>x</sub> 44.09	193.12	
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
32ENG-3B	Worthington UTC-168 (1,600-HP) (4)	CO	7.65	33.51
		NO <sub>x</sub>	90.01	394.24
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
	(5)	CO	7.65	33.51
		NO <sub>x</sub> 44.09	193.12	
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
32ENG-4B	Worthington UTC-168 (1,600-HP) (4)	CO	7.65	33.51
		NO <sub>x</sub>	90.01	394.24
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
	(5)	CO	7.65	33.51
		NO <sub>x</sub> 44.09	193.12	
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
32ENG-5B	Worthington UTC-168 (1,600-HP) (4)	CO	7.65	33.51
		NO <sub>x</sub>	90.01	394.24
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	(5)	CO	7.65	33.51
		NO <sub>x</sub> 44.09	193.12	
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
32ENG-6B	Worthington UTC-168 (1,600-HP) (4)	CO	7.65	33.51
		NO <sub>x</sub>	90.01	394.24
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
	(5)	CO	7.65	33.51
		NO <sub>x</sub> 44.09	193.12	
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
32ENG-7B	Worthington UTC-168 (1,600-HP) (4)	CO	7.65	33.51
		NO <sub>x</sub>	90.01	394.24
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
	(5)	CO	7.65	33.51
		NO <sub>x</sub> 44.09	193.12	
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	
32ENG-8B	Worthington UTC-168 (1,600-HP) (4)	CO	7.65	33.51
		NO <sub>x</sub>	90.01	394.24
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	

EMISSIONS FROM SOURCE(S) MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	(5)	CO	7.65	33.51
		NO <sub>x</sub> 44.09	193.12	
		PM <sub>10</sub> 0.71	3.14	
		SO <sub>2</sub> 0.01	0.04	
		VOC 1.78	7.80	

- (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) CO - carbon monoxide  
 NO<sub>x</sub> - total oxides of nitrogen  
 PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
 SO<sub>2</sub> - sulfur dioxide  
 VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1
- (4) Pre emission control
- (5) Post emission control

\* 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

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

Dated February 28, 2006