

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 55692

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	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
The following emission rates and equipment are authorized from the effective date of this permit until March 1, 2007:				
C-301A	Compressor A Exhaust Stack	NO _x	93.12	407.88
		VOC	13.23	57.94
		CO	9.26	40.56
		PM ₁₀	0.17	0.76
		SO ₂	0.01	0.06
C-301B	Compressor B Exhaust Stack	NO _x	83.60	366.17
		VOC	13.23	57.94
		CO	9.26	40.56
		PM ₁₀	0.17	0.76
		SO ₂	0.01	0.06
EXH-WCOMP-1	White Compressor No. 1 Exhaust Stack	NO _x	0.88	3.86
		VOC	0.35	1.55
		CO	0.35	1.55
		PM ₁₀	0.11	0.49
		SO ₂	<0.01	0.02
EXH-WCOMP-2	White Compressor No. 2 Exhaust Stack	NO _x	0.88	3.86
		VOC	0.35	1.55
		CO	0.35	1.55
		PM ₁₀	0.11	0.49
		SO ₂	<0.01	0.02
EXH-C-COMP-1	Cooper Compressor No. 1 Exhaust Stack	NO _x	13.67	59.87
		VOC	0.55	2.41
		CO	7.32	32.06
		PM ₁₀	0.23	1.03
		SO ₂	<0.01	0.01
EXH-C-COMP-2	Cooper Compressor No. 2	NO _x	9.81	42.97

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		Exhaust Stack	VOC	0.55
			2.41	
		CO	2.52	11.06
			PM ₁₀ 0.23	1.03
			SO ₂ <0.01	0.01
EXH-ML-1	Main Line Compressor 1 Exhaust Stack	NO _x	13.82	60.54
		VOC	0.44	1.91
		CO	8.29	36.33
		PM ₁₀	0.11	0.48
		SO ₂	<0.01	0.02
EXH-ML-2	Main Line Compressor 2 Exhaust Stack	NO _x	7.86	34.42
		VOC	0.44	1.91
		CO	25.01	109.55
		PM ₁₀	0.11	0.48
		SO ₂	<0.01	0.02
BD-2	Blowdown Inlet Gases	VOC	99.7	4.6
BD-4	Blowdown Inlet Gases	VOC	99.7	4.6
BD-6	Blowdown Inlet Gases	VOC	153.3	0.9
WCOMP1-BDSV	White Engine No. 1 Blowdown/ 1.8 Starter Vent		VOC	145.4
WCOMP2-BDSV	White Engine No. 2 Blowdown/ 1.8 Starter Vent		VOC	145.4
C-COMP1-BD	Cooper Engine No. 1 Blowdown 0.2		VOC	9.0
C-COMP2-BD	Cooper Engine No. 2 Blowdown 0.2		VOC	9.0
F-KVSR	C-301A and C-301B	VOC	1.10	4.70

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	<u>TPY</u>
	Compressor Fugitives (4)			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
F-WCOMP1-2	White Engine Compressors 1 and 2 Fugitives (4)	VOC	0.70	2.90
F-C-COMP1-2	Cooper Engine Compressors 1 and 2 Fugitives (4)	VOC	0.70	2.90
F-BCS-1	Boonsville Comp. Station 1 Compressor Engine Fugitives (4)	VOC	0.60	2.60
F-BCS-2	Boonsville Comp. Station 2 Compressor Engine Fugitives (4)	VOC	0.20	0.70

The following emission rates and equipment are authorized after March 1, 2007:

EXH-W-COMP-1	White Compressor No. 1 Exhaust Stack	NO _x	0.88	3.86
		VOC	0.35	1.55
		CO	0.35	1.55
		PM ₁₀	0.11	0.49
		SO ₂	<0.01	0.02
EXH-W-COMP-2	White Compressor No. 2 Exhaust Stack	NO _x	0.88	3.86
		VOC	0.35	1.55
		CO	0.35	1.55
		PM ₁₀	0.11	0.49
		SO ₂	<0.01	0.02
EXH-C-COMP-1	Cooper Compressor No. 1 Exhaust Stack	NO _x	13.67	5.67
		VOC	0.55	0.23
		CO	7.32	3.03
		PM ₁₀	0.23	0.10
		SO ₂	<0.01	<0.01
EXH-C-COMP-2	Cooper Compressor No. 2 Exhaust Stack	NO _x	9.81	4.07
		VOC	0.55	0.23
		CO	2.52	1.05
		PM ₁₀	0.23	0.10

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	<u>TPY</u>
			SO ₂ <0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
WCOMP1-BDSV	White Engine No. 1 Blowdown/ 1.8 Starter Vent		VOC	145.4
WCOMP2-BDSV	White Engine No. 2 Blowdown/ 1.8 Starter Vent		VOC	145.4
C-COMP1-BD	Cooper Engine No. 1 Blowdown 0.2		VOC	9.0
C-COMP2-BD	Cooper Engine No. 2 Blowdown 0.2		VOC	9.0
F-WCOMP1-2	White Engine Compressors 1 and 2 Fugitives (4)	VOC	0.70	2.90
F-C-COMP1-2	Cooper Engine Compressors 1 2.90 and 2 Fugitives (4)	VOC	0.70	
F-BCS-1	Boonsville Comp. Station 1 Compressor Engine Fugitives (4)	VOC	0.60	2.60
F-BCS-2	Boonsville Comp. Station 2 Compressor Engine Fugitives (4)	VOC	0.20	0.70

(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_x - total oxides of nitrogen

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

CO - carbon monoxide

PM₁₀ - particulate matter (PM) 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 in diameter is emitted.

SO₂ - sulfur dioxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable

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Point No. (1)	Name (2)	Name (3)	lb/hr	<u>TPY</u>

emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____ Hrs/day _____ Days/week _____ Weeks/year or 8,760 Hrs/year

Dated February 10, 2006