

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20204

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	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
PL-6L	Tank Truck Loading	VOC	2.13	0.01
PL-6F	Liquid CO Tank	CO	80.00	5.70
PL-6G	D Unit Shaker Screen Vent	VOC		1.23
		5.45		
		CO 0.05	0.03	
PL-6H	D Unit Waste Pellet Dumpster	VOC		9.84
		35.58		
		CO <0.01	<0.01	
PL-6I	D Unit Wax Vent Stack	VOC	8.56	2.70
		CO 0.02	0.10	
PL-6R	D Unit Analyzer Vents	VOC	0.13	0.47
PL-7B	550 HP Compressor	VOC	0.64	2.78
		CO 2.20	9.61	
		NO _x 15.60	68.3	
		SO ₂ <0.01	0.01	
		PM 0.08	0.36	
PL-7C	880 HP Compressor	VOC	1.00	4.30
		CO 3.40	14.85	
		NO _x 24.10	105.50	
		SO ₂ <0.01	0.02	
		PM 0.13	0.56	
PL-7D	550 HP Compressor	VOC	0.64	2.78
		CO 2.20	9.61	
		NO _x 15.60	68.3	

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)		Emission Rates	
				lb/hr	TPY
		SO ₂	<0.01	0.01	
		PM	0.08	0.36	
PL-7E	550 HP Compressor		VOC	0.64	2.78
		CO	2.20	9.61	
		NO _x	15.60	68.3	
		SO ₂	<0.01	0.01	
		PM	0.08	0.36	
PL-7F	880 HP Compressor		VOC	1.00	4.30
		CO	3.40	14.85	
		NO _x	24.10	105.50	
		SO ₂	<0.01	0.02	
		PM	0.13	0.56	
PL-7G	880 HP Compressor		VOC	1.00	4.30
		CO	3.40	14.85	
		NO _x	24.10	105.50	
		SO ₂	<0.01	0.02	
		PM	0.13	0.56	
PL-7H	880 HP Compressor		VOC	1.00	4.30
		CO	3.40	14.85	
		NO _x	24.10	105.50	
		SO ₂	<0.01	0.02	
		PM	0.13	0.56	
PL-8D	Storage Tank		VOC	0.02	0.20
PL-8E	Storage Tank		VOC	1.47	0.05
PL-8F	Storage Tank		VOC	17.33	0.10
PL-8G	Storage Tank		VOC	0.08	0.60

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			lb/hr	TPY
PL-8H	Storage Tank	VOC	0.06	0.26
PL-8I	Storage Tank	VOC	0.05	0.22
PL-8J	Storage Tank	VOC	0.04	0.15
PL-8K	Storage Tank	VOC	1.35	6.89
PL-8Q	Storage Tank	VOC	0.02	0.10
PL-8R	Storage Tank	VOC	0.39	1.72
PL-8S	Storage Tank	VOC	<0.01	<0.01
PL-8U	Storage Tank	VOC	<0.01	0.01
PL-9B	G Unit Wax Vent Stack	VOC	15.03	3.73
PL-9J	G Unit Waste Pellet Dumpster	VOC		2.20
	8.10			
PLA-9A	Storage Tank	VOC	0.59	1.60
PLA-9B	Storage Tank	VOC	0.59	1.60
PLA-9C	Storage Tank	VOC	1.55	5.41
PLA-14	Storage Tank	VOC	1.44	0.37
PL-F5	D Unit Fugitives (4)	VOC	35.40	104.70
	CO	0.35	0.25	
PL-F6	G Unit Fugitives (4)	VOC	73.20	269.30

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
PL-10	Fume Abater	VOC	19.22	53.47
		CO	31.02	84.37
		NO _x	5.10	20.79
		PM	0.24	0.98
PL-12	Fume Abater	VOC	19.22	53.47
		CO	31.02	84.37
		NO _x	5.10	20.79
		PM	0.24	0.98
PL-22	CDG Flare	VOC	235.70	67.40
		CO	150.90	44.10
		NO _x	20.90	6.10

- (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 Section 101.1 of the TNRCC General Rules.
 - CO - carbon monoxide
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable 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

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

Dated_____