

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8585 and PSD-TX-338

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
98-0**	Common Stack for Dryers U1 and U2	VOC	3.0	-
		NO _x	46.0	-
		SO ₂	431.0	-
		PM ₁₀	11.4	-
		CO	44.7	-
98-1F **	Plant Flare	VOC	14.2	-
		NO _x	6.8	-
		SO ₂	515.8	-
		PM ₁₀	6.0	-
		CO	145.8	-
		TRS	5.95	-
		HCN 1.28	-	-
98-2F **	Plant Flare	VOC	14.23	-
		NO _x	6.83	-
		SO ₂	515.76	-
		PM ₁₀	6.02	-
		CO	145.76	-
		TRS	5.95	-
		HCN 1.28	-	-
CAP	U1 and U2 Dryers, Plant Flares	VOC	-	77.86
		NO _x	-	219.68
		SO ₂	-	4274.34
		PM ₁₀	-	77.44
		CO	-	860.12
		TRS	-	44.30
		HCN -	9.76	-
98-11	Fugitive Dust Filter No. 1	PM	0.2	0.9
98-12	Fugitive Dust Filter No. 2	PM	0.2	0.9

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
98-21	Unit 1 Pneumatic Conveying Filter	VOC	0.02	0.09
		NO _x	0.4	1.6
		SO ₂	<0.01	0.01
		PM ₁₀	0.08	0.33
		CO	0.31	1.4
98-22	Unit 2 Pneumatic Conveying Filter	VOC	0.02	0.09
		NO _x	0.4	1.6
		SO ₂	<0.01	0.01
		PM ₁₀	0.08	0.33
		CO	0.31	1.4
98-6	Unit 1 Dryer Exhaust	PM ₁₀	1.03	4.51
98-7	Unit 2 Dryer Exhaust	PM ₁₀	1.03	4.51
98-13	Nuisance Dust Control C-1	PM ₁₀	0.04	0.19
98-14	Nuisance Dust Control Hi Vac	PM ₁₀	0.04	0.18
98-15	Gas Fired Boilers/Heaters	VOC	0.09	0.36
		PM ₁₀	0.12	0.49
		CO	1.37	5.45
		NO _x	1.63	6.49
		SO ₂	0.01	0.04
98-17B	Storage Tank Vent	VOC	0.47	0.02
98-17C	Storage Tank Vent	VOC	0.47	0.02
98-18A	Pelleting Additive Diesel Tank	VOC	0.01	0.0003
98-18B	Pelleting Additive	VOC	1.77	0.05

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
	Diesel Tank			
98-18C	Diesel Fuel Tank	VOC	1.77	0.05
98-23	Fugitive Emissions	PM ₁₀	1.67	7.30

(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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter 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.

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

TRS - total reduced sulfur compounds, including hydrogen sulfide

HCN - hydrogen cyanide

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Annual emissions are calculated over a consecutive 12-month period.

** Emissions calculations for EPNs 98-1F and 98-2F are based upon combusting 100 percent of the off-gas generated on a short-term basis. Emissions calculations for EPN 1001 are based upon combusting 40 percent of the off-gas generated.

Dated October 28, 2002