

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9628/PSD-TX-285M5

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)	<u>Emission Rates *</u> lb/hr	
<u>TPY</u>				
DR-2401A	PVC Dryer	TSP	1.76	7.7
		VOC	20.18	88.4
		VCM	6.2	20.3
DR-2401B	PVC Dryer	TSP	1.76	7.7
		VOC	20.18	88.4
		VCM	6.2	20.3
DR-2401C	PVC Dryer	TSP	1.76	7.7
		VOC	23.17	101.5
		VCMVCM	7.1	23.3
PL2251A	PVC Reactor Vent	VCM	0.33	1.45
PL2251B	PVC Reactor Vent	VCM	0.33	1.45
PL2251C	PVC Reactor Vent	VCM	0.33	1.45
PL2251D	PVC Reactor Vent	VCM	0.33	1.45
PL2251E	PVC Reactor Vent	VCM	0.33	1.45
PL2251F	PVC Reactor Vent	VCM	0.33	1.45
TK2503A	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53
TK2503B	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53
TK2503C	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
TPY			lb/hr	
TK2503D	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53
TK2503E	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53
TK2503F	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53
TK2503G	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53
TK2503H	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53
TK2503I	PVC Loading Silo	TSP	0.21	0.93
		VCM	0.12	0.53
TK2901A	VCM Storage Sphere	VCM	0.098	0.43
TK2901B	VCM Storage Sphere	VCM	0.098	0.43
TK2901C	VCM Storage Sphere	VCM	0.098	0.43
UNLDGA	Unloading Station	VCM	0.056	0.245
UNLDGB	Unloading Station	VCM	0.056	0.245
UNLDGC	Unloading Station	VCM	0.054	0.235
UNLDGD	Unloading Station	VCM	0.054	0.235
UNLDGE	Unloading Station	VCM	0.065	0.285
UNLDGF	Unloading Station	VCM	0.065	0.285
UN2701A	Boiler	TSP/PM ₁₀	0.38	1.66
		VOC	0.35	1.53

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/yr	lb/hr
TPY				
		NO _x	4.56	19.97
		SO ₂	1.09	4.76
		CO	8.38	36.62
UN2701B	Boiler	TSP/PM ₁₀	0.38	1.66
		VOC	0.35	1.53
		NO _x	4.56	19.97
		SO ₂	1.09	4.76
		CO	8.38	36.62
UN2701C	Boiler	TSP/PM ₁₀	0.38	1.66
		VOC	0.35	1.53
		NO _x	4.56	19.97
		SO ₂	1.09	4.76
		CO	8.38	36.62
UN2703A	Incinerator	TSP/PM ₁₀	0.2	0.9
		NO _x	2.1	9.4
		SO ₂	0.01	0.46
		CO	0.16	0.70
		VCM	0.6	2.6
UN2703B	Incinerator	TSP/PM ₁₀	0.2	0.9
		NO _x	2.1	9.4
		SO ₂	0.01	0.046
		CO	0.16	0.70
		VCM	0.6	2.6
FUG2200	Fugitives (4)	TSP	2.06	9.0
		VCM	0.94	4.14
		VOC	0.52	2.28
FUG2300	Fugitives (4)	VCMVCM	1.69	7.39
PL2WWSTRIP	Fugitives (4)	VCM	0.14	0.60

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u> lb/hr	
<u>TPY</u>				
PLBIO	Fugitives (4)	VCM	0.15	0.65
TK2131	Tank	VOC	0.1	0.3
TK2115A	Tank	VOC	0.1	0.3
TK2115B	Tank	VOC	0.1	0.3
TK2133	Tank	VOC	0.1	0.3
TK2901D	VCM Storage Sphere	VCM	0.098	0.43

DR-2401D (Dryer) has been moved into Permit No. 20014 and is identified as DR-3401A. See Special Provision No. 5 of this permit.

- (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) PM₁₀ - particulate matter less than 10 microns
TSP - total suspended particulate
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
VCM - vinyl chloride monomer
- (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 Hrs/year 8,760

Dated _____