EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 9347 and 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)	Emission Rates * lb/hr	TPY**
DR401D	Polyvinyl Chloride Dryer	PM	1.79	7.83
		NVVOC	15.41	39.15
		VCM (5)	4.62	9.45
DR401E	Polyvinyl Chloride Dryer	PM	1.79	7.83
		NVVOC	15.41	39.15
		VCM (5)	4.62	9.45
DR401F	Polyvinyl Chloride Dryer	PM (5)	1.79	7.83
		NVVOC	15.41	39.15
		VCM (5)	4.62	9.45
DR401G	Polyvinyl Chloride Dryer	PM	1.80	7.91
		NVVOC	17.70	44.95
		VCM	5.30	10.85
LV-1	Incinerator	CO	<0.1	0.2
		HCl	0.2	0.4
		NO_x	2.1	9.4
		VCM (5)	0.1	0.6
LV-5	Incinerator	CO	0.1	0.5
		HCl	0.2	0.9
		NO_x	2.1	9.4
		VCM (5)	0.6	2.6
PL251A	Polyvinyl Reactor Vent	VCM (5)	0.43	1.87
PL251B	Polyvinyl Reactor Vent	VCM (5)	0.43	1.87

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
PL251C	Polyvinyl Reactor Vent	VCM (5)	0.43	1.87
PL251D	Polyvinyl Reactor Vent	VCM (5)	0.43	1.87
PL251E	Polyvinyl Reactor Vent	VCM (5)	0.43	1.87
PL251F	Polyvinyl Reactor Vent	VCM (5)`	0.43	1.87
TK116	Methanol Tank	VOC	0.023	0.10
TK117	Methanol Tank	VOC	0.023	0.10
TK124	OMS Tank	VOC	0.023	<0.1
TK115	Ethanol Tank	VOC	0.023	<0.1
TK123	OMS Tank	VOC	0.023	<0.1
TK502A	Polyvinyl Silo	PM	0.43	1.85
		VCM	0.32	1.40
TK502B	Polyvinyl Silo	PM	0.43	1.85
		VCM	0.32	1.40
TK502C	Polyvinyl Silo	PM	0.43	1.85
		VCM	0.32	1.40
TK502D	Polyvinyl Silo	PM	0.43	1.85
		VCM	0.32	1.40
TK503A	Polyvinyl Loading Silo	PM	0.34	1.48
		VCM	0.26	1.12
TK503B	Polyvinyl Loading Silo	PM	0.34	1.48

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
		VCM	0.26	1.12
TK503C	Polyvinyl Loading Silo	PM	0.34	1.48
		VCM	0.26	1.12
TK503D	Polyvinyl Loading Silo	PM	0.34	1.48
		VCM	0.26	1.12
TK503E	Polyvinyl Loading Silo	PM	0.34	1.48
		VCM	0.26	1.12
TK510	Polyvinyl Silo	PM	<0.1	0.2
		VCM (5)	<0.1	0.1
TK551A	Polyvinyl Storage Silo	PM (5)	0.13	0.50
		VCM (5)	0.25	0.37
TK551B	Polyvinyl Storage Silo	PM (5)	0.13	0.50
		VCM (5)	0.25	0.37
TK551C	Polyvinyl Storage Silo	PM (5)	0.13	0.50
		VCM (5)	0.25	0.37
TK551D	Polyvinyl Storage Silo	PM (5)	0.13	0.50
		VCM (5)	0.25	0.37
TK551E	Polyvinyl Storage Silo	PM	0.13	0.50
		VCM	0.25	0.37
TK553A	Polyvinyl Storage Silo	PM (5)	0.13	0.50
		VCM (5)	0.25	0.37
TK553B	Polyvinyl Storage Silo	PM	0.13	0.50
		VCM	0.25	0.37
TK561A	PVC Storage Silo Cyclone	PM	0.17	0.75
		VCM	0.12	0.53

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
TK561B	PVC Storage Silo Cyclone	PM	0.17	0.75
		VCM	0.12	0.53
TK561C	PVC Storage Silo	PM	0.17	0.75
		VCM	0.12	0.53
UN752A	Boiler	CO	9.6	42.2
		NO_x	4.4	19.2
		PM_{10}/PM	0.4	1.6
		SO_2	1.0	4.6
		VOC	0.3	1.4
UN752B	Boiler	CO	9.6	42.2
		NO_x	4.4	19.2
		PM_{10}/PM	0.4	1.6
		SO_2	1.0	4.6
		VOC	0.3	1.4
UN752C	Boiler	CO	1.1	5.0
		NO_x	8.1	35.4
		PM_{10}/PM	0.3	1.5
		SO_2	<0.1	0.2
		VOC	0.2	0.9
UN752D	Boiler	CO	0.6	0.3
		NO_x	7.5	32.9
		PM_{10}/PM	1.7	7.6
		SO_2	<0.1	0.1
		VCM	0.6	0.3
		VOC	0.1	0.5
FUG200	Fugitive (4)	PM	1.82	8.0
		VCM (5)	0.75	3.3
		NVVOC	0.63	2.8

FUG300	Fugitive (4)	VCM (5)	1.44	6.30
PL1WWSTRIP	Fugitive (4)	VCM	0.14	0.59
PL1BIO	Fugitives (Lagoon) (4)	VCM (5)	0.083	0.365

(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) CO - carbon monoxide
HCl - hydrogen chloride
NO_x - total oxides of nitrogen
NVVOC - non-vinyl chloride volatile organic compounds as defined in 30 Texas Administrative Code (TAC) Section 101.1
PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - 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.
SO_2 - sulfur dioxide
VCM - vinyl chloride
VOC - volatile organic compounds as defined in 30 TAC §101.1
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) These emissions are under PSD-TX-285M5.

* 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

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

Dated July 3, 2001