

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9347

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.

Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA		
			Air Contaminant lb/hr TPY	<u>Emission Rates *</u>	
DR401D	Polyvinyl Chloride Dryer		TSP	1.79	7.83
			NVOC	15.41	39.15
			VCM	4.62	9.45
DR401E	Polyvinyl Chloride Dryer		TSP	1.79	7.83
			NVOC	15.41	39.15
			VCM	4.62	9.45
DR401F	Polyvinyl Chloride Dryer		TSP	1.79	7.83
			NVOC	15.41	39.15
			VCM	4.62	9.45
DR401G	Polyvinyl Chloride Dryer		TSP	1.80	7.91
			NVOC	17.70	44.95
			VCM	5.30	10.85
PL251A	Polyvinyl Reactor Vent		VCM	0.43	1.87
PL251B	Polyvinyl Reactor Vent		VCM	0.43	1.87
PL251C	Polyvinyl Reactor Vent		VCM	0.43	1.87
PL251D	Polyvinyl Reactor Vent		VCM	0.43	1.87
PL251E	Polyvinyl Reactor Vent		VCM	0.43	1.87
PL251F	Polyvinyl Reactor Vent		VCM	0.43	1.87
TK502A	Polyvinyl Silo		TSP	0.43	1.85
			VCM	0.32	1.40
TK502B	Polyvinyl Silo		TSP	0.43	1.85

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			Air Contaminant lb/hr TPY	Emission Rates*	
			VCM	0.32	1.40
TK502C	Polyvinyl Silo		TSP	0.43	1.85
			VCM	0.32	1.40
TK502D	Polyvinyl Silo		TSP	0.43	1.85
			VCM	0.32	1.40
TK503A	Polyvinyl Loading Silo		TSP	0.34	1.48
			VCM	0.26	1.12
TK503B	Polyvinyl Loading Silo		TSP	0.34	1.48
			VCM	0.26	1.12
TK503C	Polyvinyl Loading Silo		TSP	0.34	1.48
			VCM	0.26	1.12
TK503D	Polyvinyl Loading Silo		TSP	0.34	1.48
			VCM	0.26	1.12
TK503E	Polyvinyl Loading Silo		TSP	0.34	1.48
			VCM	0.26	1.12
TK551A	Polyvinyl Storage Silo		TSP	0.13	0.50
			VCM	0.25	0.37
TK551B	Polyvinyl Storage Silo		TSP	0.13	0.50
			VCM	0.25	0.37
TK551C	Polyvinyl Storage Silo		TSP	0.13	0.50
			VCM	0.25	0.37
TK551D	Polyvinyl Storage Silo		TSP	0.13	0.50
			VCM	0.25	0.37
TK551E	Polyvinyl Storage Silo		TSP	0.13	0.50

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Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA		
			Air Contaminant lb/hr TPY	Emission Rates*	
			VCM	0.25	0.37
TK553A	Polyvinyl Storage Silo		TSP	0.13	0.50
			VCM	0.25	0.37
TK553B	Polyvinyl Storage Silo		TSP	0.13	0.50
			VCM	0.25	0.37
TK510	Polyvinyl Silo		TSP	<0.1	0.2
			VCM	<0.1	0.1
UN752A	Boiler		PM10/TSP	0.4	1.6
			VOC	0.3	1.4
			NOx	4.4	19.2
			SO2	1.0	4.6
			CO	9.6	42.2
UN752B	Boiler		PM10/TSP	0.4	1.6
			VOC	0.3	1.4
			NOx	4.4	19.2
			SO2	1.0	4.6
			CO	9.6	42.2
UN752C	Boiler		PM10/TSP	0.3	1.5
			VOC	0.2	0.9
			NOx	8.1	35.4
			SO2	<0.1	0.2
			CO	1.1	5.0
UN752D	Boiler		PM10/TSP	1.7	7.6
			VOC	0.1	0.5
			NOx	7.5	32.9
			SO2	<0.1	0.1
			CO	0.6	0.3
			VCM	0.6	0.3
LV-1	Incinerator		NOx	2.1	9.4

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			Air Contaminant		Emission Rates*	
			lb/hr	TPY		
				CO	<0.1	0.2
				VCM	0.1	0.6
				HCl	0.2	0.4
LV-5	Incinerator			NOx	2.1	9.4
				CO	0.1	0.5
				VCM	0.6	2.6
				HCl	0.2	0.9
TK116	Methanol Tank			VOC	0.023	0.10
TK117	Methanol Tank			VOC	0.023	0.10
TK127	OMS Tank			VOC	0.023	<0.1
TK115	Toluene Tank			VOC	0.023	<0.1
TK123	Toluene Tank			VOC	0.023	<0.1
FUG200	Fugitive (4)			TSP	1.82	8.0
				VCM	0.75	3.3
				NVOC	0.63	2.8
FUG300	Fugitive (4)			VCM	1.44	6.30
PL1WWSTRIP	Fugitive (4)			VCM	0.14	0.59
PL1BIO	Fugitives (Lagoon) (4)			VCM	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) TSP - total suspended particulate

NVOC - non-vinyl chloride volatile organic compounds as defined in

General Rule 101.1

VOC - volatile organic compounds as defined in General Rule 101.1

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

VCM - vinyl chloride

PM10 - particulate matter less than 10 microns

NOx - total oxides of nitrogen

SO2 - sulfur dioxide

CO - carbon monoxide

HCl - hydrogen chloride

- (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

Revised _____