

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9203

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
ST-11	F-301 (Ammonia Scrubber)			NOx	14.2	31.0
				NH3	1.1	4.87
				H3PO4	0.01	0.04
				PM	0.7	2.9
				CO	20.6	69.0
				SO2	0.02	0.1
				VOC	0.1	0.5
ST-13	Phase I Stack			NOx	3.7	16.3
				SO2	0.7	3.0
				PM	0.8	3.5
				CO	1.5	6.6
				VOC	0.1	0.5
ST-14	Phase II Stack (Baghouse)			PM	0.1	0.5
				NOx	1.8	7.9
				CO	0.4	1.7
				SO2	0.01	0.04
				VOC	0.1	0.5
ST-15A	S-1501 (Silo)			PM	0.2	0.4
ST-15B	S-1502 (Silo)			PM	0.2	0.4
ST-15C	S-1503 (Silo)			PM	0.2	0.04
C-T-1	Fugitives (4)			EDA	0.47	2.06
				NH3	0.004	0.02
C-T-2	Fugitives (4)			NH3	0.003	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
T-1112FUG	Fugitives (4)		NH3	0.02	0.09
TK-VKFUG	Production Building Fugitives (4)		PM	1.52	6.66
T-1103	Storage Tank Vent		SOC	2.49	0.03
T-1107	Storage Tank Vent		NH3	0.01	0.02
T-1112	Storage Tank Vent		NH3	0.01	0.04
T-1113	Storage Tank Vent		NH3	0.002	0.01
T-1114	Storage Tank Vent		NH3	0.002	0.01

- (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
VOC - volatile organic compounds, as defined in General Rule 101.1.
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
SOC - synthetic organic chemicals, as defined in General Rule 101.1.
CO - carbon monoxide
NH3 - ammonia vapor
H3PO4 - phosphoric acid
EDA - ethylene diamine
- (4) Fugitive emissions are an estimate only.
- * Emission rates are based on and facilities are limited by the following maximum operating schedule.

Hrs/day _____ Days/wk _____ Weeks/year _____ Hours/year 8,760

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

Dated_____