

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
ST-3	Dust Collector System	PM	0.01	0.01
ST-11	Phase II (TK) Stack	VOC	0.1	0.5
		NO _x	14.2	31.0
		SO ₂	0.02	0.1
		PM	2.3	10.0
		CO	20.6	69.0
		NH ₃	8.5	25.5
ST-13	Phase I (VK) Stack	VOC	0.2	1.0
		NO _x	7.4	32.6
		SO ₂	1.4	6.0
		PM	1.6	7.0
		CO	15.5	67.9
ST-14	Phase II (TK) Stack (Baghouse)	VOC	0.1	0.5
		NO _x	1.8	7.9
		SO ₂	0.01	0.04
		PM	0.1	0.5
		CO	0.4	1.7
ST-15A	Silo S-1501	PM	0.2	0.4
ST-15B	Silo S-1502	PM	0.2	0.4
ST-15C	Silo S-1503	PM	0.2	0.4
C-T-1	Fugitives (4)	NH ₃	0.01	0.02

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		SOC	0.48	2.11
C-T-2	Fugitives (4)	NH ₃	0.01	0.02
TK-VKFUG	VK and TK Production Building Fugitives (4)	PM	1.52	6.66
T-1103	Storage Tank Vent	SOC	2.49	0.03
T-1107	Storage Tank Vent	NH ₃	0.08	0.12
T-1113	Storage Tank Vent	NH ₃	0.02	0.03
T-1114	Storage Tank Vent	NH ₃	0.02	0.03

(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) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including

PM₁₀.

CO - carbon monoxide

NH₃ - ammonia

SOC - synthetic organic compounds as defined in General Rule 101.1

(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:

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
_____	_____	_____	_____	_____
_____	Hrs/day _____	Days/week _____	Weeks/year _____	or _____ Hrs/year

Dated_____