

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 37978/N009

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
BOIL-Y1803	Boiler Y-1803	NO _x	4.21	18.44
		SO ₂	1.34	5.87
		CO	7.53	32.98
		PM/PM ₁₀	1.37	6.00
		VOC	0.27	1.18
CTWR-1701A	Cooling Tower	PM/PM ₁₀	0.14	0.60
		VOC	1.43	6.23
LOAD-FUG	Rail Car/Tank Truck Loading Fugitives	VOC	0.07	0.15
		Organic HAPs	0.06	0.09
OS-FUGSTOR	Storage Fugitives (4)	VOC	0.34	1.47
		Organic HAPs	0.21	0.78
OS-FUGLOAD	Loading Area Fugitives (4)	VOC	0.12	0.53
		Organic HAPs	0.06	0.24
SCRB-T1521	Scrubber T-1521	VOC	0.16	0.69
		Organic HAPs	0.09	0.23
		Inorganic HAPs	<0.01	<0.01
OS-CHILL	Chiller Systems	Refrigerant	<0.01	<0.01
OS-TK1519	H ₂ SO ₄ Tank	H ₂ SO ₄	<0.01	<0.01
OS-TK1910	Wastewater Tank TK-1910	VOC	<0.01	<0.01
FIRE-PUMPS	Fire Water Pumps	NO _x	21.76	4.22
		CO	4.69	0.91

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		SO ₂	1.44	0.28
		PM	1.54	0.30
		VOC	1.76	0.34
DIESEL-TNK	Diesel Tank	VOC	<0.01	<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) 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.
- PM₁₀ - 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.
- CO - carbon monoxide
- H₂SO₄ - sulfuric acid
- (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 8,760 Hrs/year

Dated _____