

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5040

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>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
AAFLARE	Flare	NO _x	0.21	0.93
		CO	1.09	4.76
		SO ₂	0.02	0.07
		VOC	0.01	0.06
AASCV5238	AA Tank 5238 Scrubber	VOC	1.02	0.14
AASCV5250	AA Tank 5250 Scrubber	VOC	0.06	0.11
AASCV5251	AA Tank 5251 Scrubber	VOC	0.06	0.11
AASCV5252	AA Tank 5252 Scrubber	VOC	0.74	0.04
AASCV5118	AA Tank 5118 Scrubber	VOC	0.69	0.19
AASCV5129	AA Tank 5129 Scrubber	VOC	0.69	0.19
AABSTK	Barge Loading	VOC	23.88	5.26
AART	Rail/Truck Loading Scrubber <0.01	VOC		<0.01
PWW5206	250-HP Pump Motor (5)	NO _x	7.72	3.28
		CO	1.66	0.71
		VOC	0.42	0.18
		PM	0.54	0.23
		SO ₂	0.51	0.22
PWW5207	250-HP Emergency Generator (5) 3.28	NO _x		7.72
		CO	1.66	0.71

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		VOC	0.42	0.18
		PM	0.54	0.23
		SO ₂	0.51	0.22
AAV5209	Methanol Storage Tank 5209 0.44		VOC	0.15
AAV5210	Methanol Storage Tank 5210 0.44		VOC	0.15
AATFFUG	Tank Farm Fugitives (4)	VOC (6)	0.69	3.04
		VOC (7)	0.28	1.22
AABFUG	Barge Loading Fugitives (4) 0.64	VOC (6)		0.15
		VOC (7)	0.05	0.23
AARTFUG	Truck/Rail Loading Fugitives (4) 1.81	VOC (6)		0.41
		VOC (7)	0.14	0.61
AAFUG	Process Fugitives (4)	VOC (6)	11.14	51.64
		VOC (7)	5.59	24.50
		CO	9.88	43.26
		IOC-U (6)	0.02	0.10
		IOC-U (7)	0.01	0.05
		I ₂ (6)	0.05	0.22
		I ₂ (7)	0.02	0.10
		Cl ₂	0.01	0.05
		Freon 22	0.43	1.90
AALHW	Waste Acid Loading Fugitives (4)(8)	VOC	0.35	<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

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- or fugitive source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1
IOC-U - inorganic compounds (unspeciated)
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter
CO - carbon monoxide
I₂ - iodide
Cl₂ - chlorine
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emission rates for PWW5206 and PWW5207 are based on and the facilities are limited by a maximum operating schedule of 850 hrs/year.
- (6) Emission rate prior to November 15, 1996.
- (7) Emission rate effective on November 15, 1996.
- (8) Emission rates for AALHW is based on and the facilities are limited by a maximum operating schedule of 20 hrs/year.

* 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 _____