

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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. **(4/07)**

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr**	TPY
AACT	South Cooling Tower (4)	VOC	3.36	14.72
AASC5118	AA Tank 5118 Scrubber	VOC		
AASCV5129	AA Tank 5129 Scrubber	VOC		
AASCV5238	AA Tank 5238 Scrubber	VOC		
		VOC (6)	7.43	3.27
AASCV5251	AA Tank 5251 Scrubber	VOC		
AASCV5252	AA Tank 5252 Scrubber	VOC		
AASCV5315	AA Tank 5315 Scrubber	VOC		
		VOC (6)	1.59	1.46
AAV5258	Tank 5258	VOC	0.02	0.01
AAV5267	Tank 5267	VOC	1.91	1.18
AAV5281	Diesel Tank 5281	VOC	0.02	0.01
AAV5282	Diesel Tank 5282	VOC	0.02	0.01
AAV5209	Tank 5209	VOC	0.35	0.44
AAV5210	Tank 5210	VOC	0.35	0.44
AAV5312	Tank 5312	VOC	0.48	1.30
AABSTK	AA Barge Loading Scrubber (7)	VOC	20.57	12.63

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
AABLOSS	AA Barge Loading Losses	VOC	7.63	2.87
AABFUG	Barge Piping Fugitives (4)	VOC	0.01	0.04
AARTSC	AA Truck/Rail Loading	VOC	7.78	0.72
AATRLOSS	AA Truck/Rail Loading Losses	VOC	8.19	0.76
AASLOSS	AA Railcar Sampling Losses	VOC	4.69	0.17
AARTFUG	Truck/Rail Piping Fugitives (4)	VOC	0.03	0.15
AATFFUG	Tank Farm Fugitives (4)	VOC	0.24	1.06
AAFUG	Process Fugitives (4)	VOC	0.30	1.32
		CO	0.87	3.80
AALHW	Waste Acid Loading Fugitives (4)	VOC	0.35	0.02
AAFLARE	Flare	CO	112.43	31.29
		NO _x	2.10	2.40
		SO ₂	0.22	0.98
		VOC	0.51	0.93
PWW5206	250-HP Pump Motor (5)	CO	1.60	0.68
		NO _x	7.44	3.16
		PM	0.53	0.22
		SO ₂	0.49	0.21
		VOC	0.39	0.17
PWW5259	250-HP Emergency 950 (5)	CO	1.60	0.68
		NO _x	7.44	3.16
		PM	0.53	0.22
		SO ₂	0.49	0.21
		VOC	0.39	0.17

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
ALKTOTE	ALKTOTE	VOC	0.03	0.11
RHTOTE	RHTOTE	VOC	0.02	0.08

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources use area name or fugitive source name.

(3) CO - carbon monoxide

NO_x - total oxides of nitrogen

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 PM greater than 10 microns is emitted.

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(5) Emission rates for PWW5206 and PWW5259 are based on and the facilities are limited by a maximum operating schedule of 850 hrs/year.

(6) Emission rates are for the combined total for all tanks in the tank group.

(7) The Emission Point No. AABSTK (AA Barge Loading Scrubber) is authorized by Standard Permit Number 80295 and is included in maximum allowable emission rates table for reference purposes. The standard permit is still in effect.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

** Compliance with annual emission limits is based on a rolling 12-month period.

24 Hrs/day 7 Days/week 52 Weeks/year

Dated May 2, 2007