

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8879A

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**
GRP-1	Process Vents Emission Cap EPNs P1, P3, P5, P9, and P10	VOC	18.62	43.01
P1	Blower 1	PM PM ₁₀ 0.01	0.03 0.01	0.12
P3	Blower 3	PM PM ₁₀ 0.01	0.06 0.01	0.23
P5	Lean Oil Absorber/Boiler 2 System	CO NO _x PM PM ₁₀ 0.02 SO ₂	1.72 0.75 0.87 0.07 5.37	7.54 3.30 3.16 19.59
P6-6a	Scrubber	SO ₃	0.08	0.01
P9	Dryer Weight Belt Vent	PM PM ₁₀ 0.01	0.10 0.01	0.35
P10	Packaging Vent	PM PM ₁₀ 0.01	0.01 0.01	0.01
F	Process Fugitives (4)	VOC	0.60	2.64
ABS-1	Lean Oil Absorber Fugitives (4)	VOC	0.02	0.07

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
SUL-1	Sulfonation Cleaning	H ₂ SO ₄	0.007	0.0002
		VOC	4.87	0.12
WW	Wastewater	VOC	0.28	0.13
WASH	Parts Washer (5)	VOC	1.00	0.14
95-007	Asphalt Storage Tank (5)	VOC	1.84	0.40
		PM	0.52	0.11
		PM ₁₀	0.52	0.11
		PM _{2.5}	0.52	0.11
		CO	0.23	0.05
95-032	Sulfuric Acid Storage Tank (5)	H ₂ SO ₄	0.01	0.01
TANKLOAD	Sulfuric Acid Tank Truck Loading (5)	H ₂ SO ₄	0.01	0.01
ENG1	Engine-1 (5)	VOC	0.62	0.02
		NO _x	7.60	0.20
		CO	1.64	0.04
		SO ₂	0.50	0.01
		PM	0.54	0.01
ENG2	Engine-2 (5)	VOC	0.67	0.02
		NO _x	8.25	0.21
		CO	1.78	0.05
		SO ₂	0.55	0.01
		PM	0.59	0.02

(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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES TABLE

- (3) CO - carbon monoxide
H₂SO₄ - sulfuric acid
NO_x - total oxides of nitrogen
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
SO₂ - sulfur dioxide
SO₃ - sulfur trioxide
VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) These sources are covered under permits by rule and are not authorized under this permit. They are listed here for reference only.

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

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

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

Dated December 21, 2005