

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9794

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
C-LINE	C-Line (6)	VOC	17.36	63.71
		PM 0.95	3.43	
A-LINE	A-Line (7)	VOC	34.61	137.3
		PM 1.57	6.14	
DUSTV	Carbon Black Vent	PM	0.15	0.61
SCRUBBERV	Carbon Black Scrubber	PM	0.02	0.1
48098-V	Carbon Black Vacuum Vent	PM	0.07	0.3
Flare 1	Flare (5)	VOC	45.94	70.34
		NO _x	2.71	4.67
		CO	13.82	23.79
EQ-18AV	Cooling Tower Fan A	VOC	0.50	2.18
EQ-18BV	Cooling Tower Fan B	VOC	0.50	2.18
EQ-18CV	Cooling Tower Fan C	VOC	0.50	2.18
BRFUG-3	Process Area Fugitives (4)	VOC	14.48	63.42
		NH ₃	1.16	5.08
BRFUG-6	Storage Tank Area Fugitives (4)	VOC	4.11	18.02
35092	TNPP Storage Tank	VOC	0.49	<0.01
33030	COD Storage Tank	VOC	2.47	0.05

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			<u>lb/hr</u>	<u>TPY</u>
34003	HA Oil Storage Tank	VOC	0.13	0.04
33002-1	West DEAC Storage Tank	VOC	10.93	0.35
33002-2	East DEAC Storage Tank	VOC	10.93	0.35
WW	Wastewater	VOC	38.4	19.38

- (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) 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
NH₃ - ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emission rates do not include emergency venting to the flare.
- (6) Emission points in C-Line include 33015-1V, 33015-2V, C-SCRN, C-DRYER No. 1, and C-DRYER No. 2.
- (7) Emission points in A-Line include 33015-3V, 33015-4V, 48043-1V, 48043-2V, A-DRYER No. 1, and A-DRYER. No. 2.

* 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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

Dated _____