

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 (5)	VOC	23.16	70.92
		PM 1.03	3.45	
A-LINE	A-Line (6)	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	0.10
48098-V	Carbon Black Vacuum Vent	PM	0.07	0.30
Flare 1	Flare	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	63.57
		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	2.12	0.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
34003	HA Oil Storage Tank	VOC	0.19	0.04
33002-1	West DEAC Storage Tank	VOC	14.21	0.31
33002-2	East DEAC Storage Tank	VOC	14.21	0.31
WW	Wastewater	VOC	38.4	19.38

- (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 Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
PM - particulate matter equal to or less than 10 microns in diameter.
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 points in C-Line include 33015-1V, 33015-2V, C-SCRN, C-DRYER No. 1, and C-DRYER No. 2.
- (6) 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

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

Dated _____