

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 22508 and PSDTX874

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
011-128-V	North Slurry Tank Vent	VOC	11.75	47.00
		PM	0.40	1.60
		PM <sub>10</sub>	0.40	1.60
		PM <sub>2.5</sub>	0.10	0.40
012-021-V	South Slurry Tank Vent	VOC	11.75	47.00
		PM	0.40	1.60
		PM <sub>10</sub>	0.40	1.60
		PM <sub>2.5</sub>	0.10	0.40
G-STACK	G Finishing Line Stack	VOC	36.00	144.00
		PM	2.08	8.32
		PM <sub>10</sub>	2.08	8.32
		PM <sub>2.5</sub>	0.52	2.08
NCT-1	Cooling Tower	VOC (5)	0.71	2.82
		PM	1.68	6.73
		PM <sub>10</sub>	1.07	4.68
		PM <sub>2.5</sub>	0.01	0.02
L-WWV	LiBR Wastewater Stripper	VOC	0.66	2.59
700-025-V	Catalyst Tank Knockout Pot	VOC	43.40	0.38
700-252-V	Catalyst Tank Knockout Pot	VOC	43.50	0.67
700-007-V	Styrene Storage Tank	VOC	0.16	0.47

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C-LINE	C-Line (6)	VOC	23.16	70.91
		PM	1.03	4.51
		PM <sub>10</sub>	1.03	4.51
		PM <sub>2.5</sub>	0.26	1.13
A-LINE	A-Line (7)	VOC	34.61	137.30
		PM	1.57	6.88
		PM <sub>10</sub>	1.57	6.88
		PM <sub>2.5</sub>	0.39	1.72
DUSTV	Carbon Black Vent	PM	0.15	0.60
		PM <sub>10</sub>	0.15	0.60
		PM <sub>2.5</sub>	0.04	0.15
SCRUBBERV	Carbon Black Scrubber	PM	0.03	0.10
		PM <sub>10</sub>	0.03	0.10
		PM <sub>2.5</sub>	0.01	0.03
48098-V	Carbon Black Vacuum Vent	PM	0.08	0.30
		PM <sub>10</sub>	0.08	0.30
		PM <sub>2.5</sub>	0.02	0.08
EQ-18V	Cooling Tower	VOC (5)	1.26	5.52
		PM	3.00	13.15
		PM <sub>10</sub>	1.91	8.35
		PM <sub>2.5</sub>	0.01	0.03
BRFUG-3	Process Area Fugitives (5)	VOC	4.91	21.52
		NH <sub>3</sub>	0.50	2.19
BRFUG-6	Storage Tank Area Fugitives (5)	VOC	0.39	1.69
35092	TNPP Storage Tank	VOC	0.49	0.01
33030	COD Storage Tank	VOC	1.40	0.02
34003	HA Oil Storage Tank	VOC	0.19	0.04
33002-1	West DEAC Storage Tank	VOC	21.82	0.51
33002-2	East DEAC Storage Tank	VOC	21.82	0.51

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WW	CoBR Wastewater Stripper	VOC	7.01	12.27
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- (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  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
NH<sub>3</sub> - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (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.

Date: September 9, 2016