

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 326B

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**
1-DC-1	BG1	PM ₁₀	0.57	2.38
		NO _x	0.60	2.52
		CO	0.05	0.21
		VOC	0.01	0.04
1-DC-7	BG2	PM ₁₀	0.73	3.07
		NO _x	0.60	2.52
		CO	0.05	0.21
		VOC	0.01	0.04
1-FN-21	BG5	PM ₁₀	0.03	0.11
11-DC-2	P-74	PM ₁₀	0.30	1.26
		NO _x	0.40	1.68
		CO	0.03	0.14
		VOC	0.01	0.03
1-DC-6	MPCV	PM ₁₀	0.04	0.18
11-DC-8	P85	PM ₁₀	0.53	2.23
		NO _x	0.40	1.68
		CO	0.03	0.14
		VOC	0.01	0.03
11-DC-21	SSP	PM ₁₀	0.04	0.18
11-DC-23	P78	PM ₁₀	0.86	3.60
		NO _x	0.80	3.36
		CO	0.07	0.29
		VOC	0.01	0.05

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
11-FN-37	P78BS	PM ₁₀	0.02	0.09
11-TA-78	SP1SC	C ₃ H ₆ O	<0.01	0.02
21-DC-1	AMICR	PM ₁₀	0.30	1.26
21-DC-2	AMIBL	PM ₁₀	<0.01	0.01
21-DC-3	AMIPK	PM ₁₀	0.02	0.09
21-DC-4	AMIICR	PM ₁₀	0.17	0.74
21-DC-5	AMISS	PM ₁₀	0.02	0.09
21-FN-10	DI	PM ₁₀	0.03	0.11
22-DC-1	DC	PM ₁₀	0.30	1.26
33-BR-1	Steam Boiler B1	VOC	0.03	0.13
		NO _x	1.10	3.90
		SO ₂	<0.01	0.02
		PM ₁₀	0.08	0.30
		CO	0.90	3.30
33-BR-2	Steam Boiler B2	VOC	0.03	0.13
		NO _x	1.10	3.90
		SO ₂	<0.01	0.02
		PM ₁₀	0.08	0.30
		CO	0.90	3.30
35-DC-9	AMIIICR	PM ₁₀	0.30	1.26
35-DC-10	AMIIIBL	PM ₁₀	<0.01	0.01
35-DC-15	AMCV	PM ₁₀	0.05	0.23

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			lb/hr	TPY**
35-FN-1	P80BS	PM ₁₀	0.05	0.22
35-FN-3	P80BS	PM ₁₀	0.05	0.22
35-FN-4	P80DI	PM ₁₀	0.03	0.11
36-DC-3	P80	PM ₁₀	1.20	5.04
		NO _x	0.80	3.36
		CO	0.07	0.29
		VOC	0.01	0.05
36-FN-1	P80SBS	PM ₁₀	0.05	0.22
36-TA-4	P80SC	C ₃ H ₆ O	0.25	1.05
36-DC-7	PP	PM ₁₀	0.12	0.50
		NO _x	0.20	0.84
		CO	0.02	0.07
BLDG36	Building 36	VOC	0.79	3.10
		PM ₁₀	0.02	0.01
11VP1	Commercial Vacuum Pump Vent	VOC	0.51	0.38
PILOT-VP	Pilot Vacuum Pump Vent	VOC	0.08	0.06
H-TT	Tank Truck Loading	VOC	0.23	0.17
PAPEFUGTF	Tank Farm and Tank Truck Loading Fugitives	VOC	0.13	0.58
T110	Product Tank 110	VOC	0.05	0.05
T112	Product Tank 112	VOC	0.05	0.05

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T114	Product Tank 114	VOC	0.05	0.05
T-107	Solvent Storage Tank	VOC	0.49	0.02
T-108	Solvent Storage Tank	VOC	0.02	<0.01
T-104	Dibromomethane Tank	VOC	<0.01	<0.01
T-116	Washwater Tank	VOC	0.06	0.05
T-117	Bromide Tank	VOC	<0.01	<0.01
MIXTK	Dissolution Process Vent	VOC	0.02	0.01

(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

SO₂ - sulfur dioxide

PM₁₀ - particulate matter (PM) 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.

CO - carbon monoxide

C₃H₆O - propylene oxide

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

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			<u>lb/hr</u>	<u>TPY**</u>

Dated _____