

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	VOC	0.01	0.04
		NO _x	0.60	2.52
		PM ₁₀	0.57	2.38
		CO	0.05	0.21
1-DC-7	BG2	VOC	0.01	0.04
		NO _x	0.60	2.52
		PM ₁₀	0.73	3.07
		CO	0.05	0.21
1-FN-21	BG5	PM ₁₀	0.03	0.11
11-DC-2	P-74	VOC	0.01	0.03
		NO _x	0.40	1.68
		PM ₁₀	0.30	1.26
		CO	0.03	0.14
1-DC-6	Main Plant Central Vacuum System	PM ₁₀	0.04	0.18
11-DC-8	P85	VOC	0.01	0.03
		NO _x	0.40	1.68
		PM ₁₀	0.53	2.23
		CO	0.03	0.14
11-DC-21	SSP	PM ₁₀	0.04	0.18

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			lb/hr	TPY**
11-DC-23	P78	VOC	0.01	0.05
		NO _x	0.80	3.36
		PM ₁₀	0.86	3.60
		CO	0.07	0.29
11-FN-37	P78BS	PM ₁₀	0.02	0.09
11-TA-78	P85 Scrubber	VOC	0.01	0.06
21-DC-1	AMICR	PM ₁₀	0.30	1.26
21-DC-2	AMIBL	PM ₁₀	<0.01	0.01
21-DC-3	Air Mix I Packer Dust Collector	PM ₁₀	0.16	0.69
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

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			lb/hr	TPY**
35-DC-10	AMIIIIBL	PM ₁₀	<0.01	0.01
35-DC-15	AMCV	PM ₁₀	0.05	0.23
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	VOC	0.01	0.05
		NO _x	0.80	3.36
		PM ₁₀	1.20	5.04
		CO	0.07	0.29
36-FN-1	P80SBS	PM ₁₀	0.05	0.22
36-TA-4	P80SC	C ₃ H ₆ O	0.25	1.05
		Methyl Chloride	6.79	7.43
36-DC-7	Pilot Plant Dust Collector	NO _x	0.20	0.84
		PM ₁₀	0.12	0.50
		CO	0.02	0.07
BLDG36	Building 36	VOC	0.79	3.10
		PM ₁₀	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			

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			lb/hr	TPY**
	Loading Fugitives	VOC	0.13	0.58
T110	Product Tank T110	VOC	0.05	0.05
T112	Product Tank T112	VOC	0.05	0.05
T114	Product Tank T114	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-116	Washwater Tank	VOC	0.06	0.05
T-117	Bromide Weigh Tank	VOC	<0.01	<0.01
MIXTK	Dissolution Process Vent	VOC	0.02	0.01
11-FN-110	P78 Scrubber	VOC	<0.01	<0.01
T102	Bromide Weigh Tank	VOC	<0.01	<0.01
T-103	Dibromomethane Weigh Tank	VOC	<0.01	<0.01
TMAFUG	TMA Fugitives	VOC	<0.01	<0.01
MeClFUG	Methyl Chloride Fugitives	VOC	0.04	0.18
11-DC-100	Specialties I Central Vacuum Sys	PM ₁₀	0.09	0.38

(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.

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- (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.

Dated _____