

AIR CONTAMINANTS DATA

Emission Rates*	Source Point No. (1)	Name (2)	Air Contaminant Name (3)	<u>Emission</u> lbs/hr	TPY
EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES					

Permit No. 1472

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.

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Emission Rates*	Source Point No. (1)	Name (2)	Air Contaminant Name (3)	<u>Emission</u> lbs/hr	TPY
A26F1		Flare	CO	75.44	16.52
			NO _x	8.77	1.92
			VOC	2.38	0.52
			SO ₂	0.02	<0.01
A26LR01		Loading Area LR2620	NH ₃	0.01	0.06
A26LR02		Loading Area 941-2	NH ₃	<0.01	<0.01
A26LR03		Loading Area LR4000	NH ₃	<0.01	0.03
A26LR04		Drum Loading Area DR2612	NH ₃	0.02	0.07
A26LR05		Loading Area LR14B	NH ₃	<0.01	<0.01
A26LR06		Loading Area 942-2	NH ₃	<0.01	0.03
A26RX3A		Batch Reactor R-3A	NH ₃	0.62	<0.01
A26RX104		Batch Reactor R-104	NH ₃	1.53	0.03
A26RX320		Batch Reactor R-320	NH ₃	0.63	0.05
A26S500		Waste Gas Boiler	CO	2.22	9.24

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			lbs/hr	TPY
		(40 MMBtu/hr Heat Input)	NO _x	14.40
			PM ₁₀	59.92
			SO ₂	0.57
			VOC	0.01
			HCN	0.49
				2.09
				0.07
				0.28
A26SC23	Solvent Degreasing		VOC	0.06
			MECI	0.26
				<0.01
				<0.01
A26SP3	Loading Area BF-3		PM ₁₀	0.13
				0.55
A26SP4	Loading Area BF-4		PM ₁₀	0.13
				0.56
A26SP103	Loading Area BF-103		PM ₁₀	0.25
				1.11
A26SP201	Loading Area BF-201		PM ₁₀	0.13
				0.56
A26SP229	Loading Area BF-229		PM ₁₀	0.01
				0.06
A26SP303	Loading Area BF-303		PM ₁₀	0.01
				0.06
A26ST14B	Storage Tank D-14B		NH ₃	0.42
				0.04
A26ST15C	Storage Tank D-15C		DETA	0.05
				<0.01
A26ST18A	Storage Tank D-18A		NH ₃	0.06
				0.08
A26ST19A	Storage Tank D-19A		NH ₃	0.50
				0.08
A26ST20D	Storage Tank D-20D		NH ₃	0.24
				0.02
A26ST20E	Storage Tank D-20E		NH ₃	0.41
				0.04
A26ST20H	Storage Tank D-20H		NH ₃	1.02
				0.05
A26ST20M	Storage Tank D-20M		NH ₃	0.84
				0.07
A26ST25A	Storage Tank D-25A		NH ₃	0.51
				0.22

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			lbs/hr	TPY
A26ST107	Storage Tank D-107	NH ₃	<0.01	<0.01
A26ST275	Storage Tank D-275	EDA	1.96	0.38
A26ST330	Storage Tank D-330	NH ₃	0.04	0.15
A26ST340	Storage Tank D-340	NH ₃	0.51	0.04
A26ST516	Storage Tank D-516	NH ₃	0.06	0.08
A26ST517	Storage Tank D-517	NH ₃	0.02	0.02
A26ST518	Storage Tank D-518	NH ₃	0.01	0.02
A26ST550	Storage Tank D-550	VOC	1.29	<0.01
A26STR1B	Storage Tank R-1B	NO _x	13.3	0.54
A26STR1C	Storage Tank R-1C	NO _x	13.3	0.54
A26SV207	Scrubber D-207	PM ₁₀	0.31	1.30
A26SV215	Scrubber D-215	PM ₁₀	<0.01	<0.01
A26SV230	Scrubber D-230	PM ₁₀	0.21	0.18
A26SV510	Scrubber SV-510	NH ₃	<0.01	0.01
A26SV511	Scrubber SV-511	NH ₃	1.61	0.15
A26SV521	Scrubber SV-521	VOC	0.03	<0.01
A40ST48	Storage Tank D-48	NH ₃	0.65	0.12
A40ST49	Storage Tank D-49	NH ₃	0.65	0.12
A26CT2	Cooling Tower CT-2	NH ₃	0.34	1.47

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		VOC	0.15	0.65
A26FU01	Process Fugitives (4)	Cl ₂	0.01	0.04
		HCN	<0.01	0.01
		NH ₃	0.04	0.20
		NO _x	0.02	0.06
		VOC	0.24	1.04
		CFC-22	0.03	0.15
A30FU02	Process Fugitives (4)	VOC	0.01	0.04
A40FU04	Process Fugitives (4)	NH ₃	<0.01	<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)
 - NH₃ - ammonia
 - CO - carbon monoxide
 - Cl₂ - chlorine
 - DETA - diethylenetriamine
 - EDA - ethylenediamine
 - CFC-22 - chlorodifluoromethane
 - HCN - hydrogen cyanide
 - MECl - methyl chloroform or 1,1,1,-trichloroethane
 - NO_x - nitrogen oxides
 - PM₁₀ - particulate matter less than 10 microns
 - SO₂ - sulfur dioxide
 - VOC - volatile organic compounds as defined by General Rule 101.1.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

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			lbs/hr	TPY

Dated _____