

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

1790

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
5TFX-27	50A Tank			VOC	<0.01	<0.1
5TFX-28	50B Tank			VOC	<0.01	<0.1
5TFX-29	50C Tank			VOC	<0.01	<0.1
5TFX-30	50D Tank			VOC	<0.01	<0.1
5TFX-26	K-51 Tank			VOC	3.52	1.94
5TFX-22	K-6 Tank			VOC	11.4	<0.1
5TFX-23	K-8 Tank			VOC	11.4	<0.1
5TFX-25	K-10 Tank			VOC	11.4	<0.1
5TFL-7B	No. 3 Tank			VOC	0.49	1.15
5TFL-7C	No. 4 Tank			VOC	0.49	1.15
5TFL-7E	No. 61 Tank			VOC	0.49	1.15
5TFX-18A	No. 5 Tank			VOC	14.2	0.67
5TFX-18B	No. 11 Tank			VOC	14.2	0.67
5TFX-18C	No. 52 Tank			VOC	14.2	0.67
5TFX-18D	No. 53 Tank			VOC	14.2	0.67
5TFL-7D	No. 6 Tank			VOC	0.37	0.89

5TFX-15	Seal Flush	Emergency Service Only		
5TFX-21	K-1 Tank	VOC	0.06	<0.1
5TFX-20	K-2 Tank	VOC	0.06	<0.1

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Emission Point No. (1)	Source Name (2)	Name (3)	Air Contaminant lb/hr TPY	<u>Emission Rates *</u>	
5TFX-24	K-7 Tank		VOC	0.06	<0.1
5TFX-8	Lean Oil		VOC	4.41	<0.1
5TFX-9	DEHPA Tank		VOC	0.45	<0.01
5TFX-10	DEHPA Metering Tank		VOC	<0.01	<0.01
5TFX-11	EDTA Tank		VOC	<0.01	<0.01
5TFX-12	EDTA Metering Tank		VOC	<0.01	<0.01
5TFX-16	Catalyst Tank		VOC	0.10	<0.01
5TFX-17	Catalyst Tank		VOC	0.53	<0.1
5TFX-19	Catalyst Metering Tank		VOC	<0.01	<0.01
5TFX-33	Crude Tank		VOC	3.86	6.42
5TFX-32	Unichem Tank		VOC	0.11	<0.01
5TFX-35	Aqueous Divert Tank		VOC	0.50	<0.1
5VNT-34	KA Tank/Trailer		VOC	1.60	0.20
5TFX-38	SCC Tank		VOC	35.5	0.26
5FUG-050	KA Fugitives (4)		VOC	14.64	64.13
5VNT-037	SSD Vent		Maintenance Service Only		
5VNT-031	Aqueous Waste Decanter		Maintenance Service Only		

5VNT-014	Steam Still Vent	Maintenance Service Only		
5ABS-005	High Pressure Scrubber	Maintenance Service Only		
5ABS-013	Low Pressure Scrubber	Maintenance Service Only		
PD-4,5	Cone Burners	VOC	0.10	0.44
		NOx	40	38
		CO	5.1	22.3

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Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
PD-16A	#1 Dryer Dust Scrubber			PM	3.0	11.8
PD-16B	#2 Dryer Dust Scrubber			PM	3.0	11.8
PD-17	Loading Dust Collector			PM	0.3	1.2
PD-20	Dibasic Ester Unit			VOC	1.5	6.5
PD-25	Absorber Vent			NOx	170	700
PD-32	AA Solution Tank			NOx	0.02	<0.1
PD-33	#1 Vacuum Jet Seal Tank			NOx	0.02	<0.1
PD-34	#2 Vacuum Jet Seal Tank			NOx	0.02	<0.1
PD-35	#1 RML Receiver			NOx	0.02	<0.1
PD-36	#2 RML Receiver			NOx	0.02	<0.1
PD-37	#1 RML Tank			NOx	0.02	<0.1
PD-38	#2 RML Tank			NOx	0.02	<0.1
PD-39	Solution Water Receiver			NOx	0.02	<0.1
PD-40	Solution Water Tank			NOx	0.02	<0.1
PD-41	#1 Refined Solution Receiver			NOx	0.02	<0.1
PD-42	#2 Refined Solution Receiver			NOx	0.02	<0.1
PD-43	PML Tank Vent			NOx	0.02	<0.1
PD-44	DBA Vacuum System Vent			NOx	0.02	<0.1

PD-45	DBE Tank Vent	VOC	0.17	0.81
PD-47	DBE Truck Loading	VOC	0.05	0.20
PJ-14I	#1 Methanol Tank	Methanol	0.65	0.26

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	TPY	<u>Emission Rates *</u>	
PJ-14J	#2 Methanol Tank	Methanol	0.65		0.65	0.26
FD-27	AA Fugitives (4)	VOC	0.80		0.80	3.88
		NOx	0.24		0.24	1.0
		PM	0.13		0.13	0.55

- (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 General Rule 101.1
NOx - total oxides of nitrogen
CO - carbon monoxide
PM - particulate matter
- (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