

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21069

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		
Vent 1 Dmet	Baghouse			PM/PM10	0.06	0.28
Vent 2 Dmet	Vacuum Pump			HCl	<0.01	<0.01
Vent 3 Dmet	Flash Dryer Offgas			PM/PM10	0.41	1.82
				VOC	0.02	0.11
				NOx	0.53	2.34
				SO2	1.90	8.32
				CO	0.13	0.59
				HCl	0.34	1.49
Vent 4 Dmet	Baghouse			PM/PM10	<0.01	0.01
Vent 5 Dmet	Spray Dryer Offgas			PM/PM10	0.14	0.60
				VOC	<0.01	0.01
				NOx	0.07	0.32
				SO2	0.26	1.14
				CO	0.02	0.08
Vent 6 Dmet	Caustic Scrubber Offgas			VOC	2.40	10.53
				NOx	0.05	0.21
				SO2	0.25	1.10
				CO	0.01	0.05
				HCl	0.10	0.46
				H2S	0.05	0.21
				Cl2	0.14	0.62
				VCl4	<0.01	<0.01
Storage Tank	Diesel Oil Tank			VOC	0.03	<0.01

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FUG	Fugitive (4) Emissions	VOC	0.60	2.64
		SO2	<0.01	<0.01
		HCl	<0.01	<0.01
		H2S	<0.01	<0.01
		Cl2	<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) PM - particulate matter
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
HCl - hydrogen chloride
H2S - hydrogen sulfide
Cl2 - chlorine
VCl4 - vanadium tetrachloride
- (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

Dated _____