

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1618

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		
EPN1	Maskant Spray Booth		TSP		0.53	0.33
			PM10		0.53	0.33
			Cl ₂ C:CCl ₂		19.40	27.15
			Naphtha		1.45	0.64
			C ₆ H ₄ (CH ₃) ₂		0.46	0.20
EPN2	Sludge Dryer Vent		TSP		0.01	0.02
			PM10		0.01	0.01
EPN5	Caustic Chemical Mill		TSP		0.01	0.02
			PM10		0.01	0.02
			Al		<.01	<.01
			Arsenic		<.01	<.01
			C+6		<.01	<.01
			Cu		<.01	.01
			Mn		<.01	<.01
			Ni		<.01	<.01
			NaOH		0.01	0.02
EPN6	Scrubber No. 1		HCl		<.01	<.01
			HF		<.01	<.01
			HNO ₃		<.01	0.01
			NO _x		0.39	1.33
EPN7	Scrubber No. 2		HCl		0.01	0.05
			HF		0.01	0.03
			HNO ₃		0.08	0.26
			NO _x		5.44	18.67

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EPN8	Scrubber No. 3	HF	0.23	0.78
		HNO3	0.06	0.24
		NOx	0.88	3.02
EPN9	HCl Storage Tank	HCl	0.02	0.10
EPN10	HNO3 Storage Tank	HNO3	0.01	0.03

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant TPY	<u>Emission Rates *</u>	
FUG1	Maskant Fugitives (4)	CH3COOH			0.25	0.58
		CH3COCH3			0.02	0.02
		MEK			4.05	6.32
		Naphtha			0.01	0.02
		Cl2C:CCl2			<.01	<.01
		C6H5CH3			1.39	2.17
		C6H4(CH3)2			<.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) TSP - total suspended particulate including PM10
 PM10 - particulate matter less than 10 microns
 Cl2C:CCl2 - perchloroethylene
 C6H4(CH3)2- xylene
 Al - aluminum
 C+6 - chromium VI
 Cu - copper
 Mn - manganese
 Ni - nickel
 NaOH - sodium hydroxide
 HCl - hydrochloric acid
 HF - hydrofluoric acid
 HNO3 - nitric acid
 NOx - total oxides of nitrogen
 CH3COOH - acetic acid
 CH3COCH3 - acetone

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MEK - methyl ethyl ketone
C₆H₅CH₃ - toluene

- (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 24 Days/week 6 Weeks/year 52 or Hrs/year 7,488

Chemical usage stated in Special Provision No. 1.