

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 Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
EPN 1A/1B	Maskant Spray Booths Stacks (5)	PM	0.32	0.64
		PM ₁₀	0.32	0.64
		Perchloroethylene	3.89	7.86
		OXSOL 100	15.61	4.51
		EGBE	1.62	3.28
		Toluene	5.85	5.92
		Naphtha xylene	17.77 0.11	17.96 0.22
EPN 2	Sludge Dryer Scrubber Vent	PM	0.01	<0.01
		PM ₁₀	0.01	<0.01
EPN 4F	Building 1 (4)	Acetic Acid	0.044	0.01
		Acetone	0.62	0.07
		MEK	0.62	0.07
EPN 1F	Building 5 (4)	Acetic Acid	0.02	0.01
		Acetone	0.62	0.07
		MEK	0.62	0.07
EPN 5	Aluminum Chemical Mill Scrubber Stack (Building 1)	PM	0.01	<0.01
		PM ₁₀	0.01	<0.01
		Aluminum	<0.01	<0.01
		Arsenic	<0.01	<0.01
		Chromium VI	<0.01	<0.01
		Copper	<0.01	<0.01
		Manganese	<0.01	<0.01
		Nickel	<0.01	<0.01
		Sodium Hydroxide	0.01	<0.01

EPN 6	Steel Chemical Mill Scrubber Stack (Building 3)	Hydrochloric Acid	<0.01	<0.01
		Hydrofluoric Acid	<0.01	<0.01
		Nitric Acid	<0.01	<0.01
		NO _x	0.39	1.30
EPN 7	Steel Chemical Mill Scrubber Stack (Building 3)	Hydrochloric Acid	0.01	<0.01
		Hydrofluoric Acid	0.01	<0.01
		Nitric Acid	0.08	0.20
		NO _x	5.44	18.60
EPN 8	Titanium Chemical Mill Scrubber Stack (Building 4)	Hydrofluoric Acid	0.23	0.70
		Nitric Acid	0.06	0.20
		NO _x	0.88	0.30
EPN 9	Hydrochloric Acid Tank (4)	Hydrochloric Acid	0.02	0.10
EPN 10	Nitric Acid Tank (4)	Nitric Acid	0.01	<0.01
EPN 11	Aluminum Chemical Mill Filter Stack (Building 7)	PM ₁₀	0.05	0.20
		Sodium Hydroxide	0.02	0.06
		Aluminum	<0.01	0.01
		Triethylaniline	<0.01	0.01
		Arsenic	<0.001	<0.01
EPN 12	Horizontal Dip CAS Stack (Building 7) (5)	PM ₁₀	0.85	0.06
		Perchloroethylene	12.94	25.91
		Toluene	6.31	4.78
		Naphtha	0.55	3.59
		Xylene	0.29	0.72
		OXSOL 100	8.48	7.04
EPN 13F	Building 7 (4)	EGBE 4.33	3.28	
		Acetic Acid	0.044	0.01
		Acetone	0.62	0.07
		MEK	0.62	0.07

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			lb/hr	TPY

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) NO_x - total oxides of nitrogen
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter 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.
OX SOL 100 - parachlorobenzotrifluoride
EGBE - ethylene glycol monobutyl ether, 2-butoxyethanol
MEK - methyl ethyl ketone
- (4) Fugitive emissions are an estimate only.
- (5) The sum of the total annual perchloroethylene emissions from both of these emission points is limited to 26 tons per year.

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

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

Dated_____