

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 31451

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1F	Schaefer Furnace 6.0 MMBtu/hr	NO _x	0.60	2.60
		CO	0.13	0.57
		SO ₂	0.004	0.016
		VOC	0.03	0.13
		PM	0.08	0.35
		Iron as Fe	0.038	0.126
		Aluminum as Al	0.014	0.047
2F	M.P.H. Lindberg Furnace 5.0 MMBtu/hr	NO _x	0.50	2.20
		CO	0.11	0.48
		SO ₂	0.003	0.013
		VOC	0.03	0.13
		PM	0.06	0.26
		Iron as Fe	0.038	0.126
		Aluminum as Al	0.014	0.047
3F	J & E Shop-Made Furnace 2.5 MMBtu/hr	NO _x	0.25	1.01
		CO	0.05	0.22
		SO ₂	0.002	0.009
		VOC	0.01	0.04
		PM	0.03	0.13
		Iron as Fe	0.038	0.126
		Aluminum as Al	0.014	0.047
4E	Evaporator 1.75 MMBtu/hr	NO _x	0.18	0.77
		CO	0.04	0.16
		SO ₂	0.001	0.005
		VOC	0.01	0.04

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PM	0.02	0.09
Iron as Fe	0.038	0.1126
Aluminum as Al	0.014	0.047

- (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
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter
 - CO - carbon monoxide
- (4) The allowable emission rates of iron and aluminum as listed for each EPN are also the limits for the four EPNs combined.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule, except for the annual limits on iron and aluminum which are based on 6,656 hours of wastewater incineration per year:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated_____