

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

HW-50178-001

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	
EPN 1	Deactivation Furnace		NOx	364.54	39.90
			SO2	12.00	39.90
			CO	0.34	1.49
			PM10	0.13	0.59
			TSP	0.13	0.59
			VOC	0.03	0.13
			Al2O3	0.099	0.431
			B2O3	0.013	0.056
			BaO	0.135	0.59
			CaO	0.039	0.172
			CrO2	0.027	0.118
			HCl	4.00	17.52
			KOH	0.116	0.509
			MgO	0.077	0.338
			Na2O	0.062	0.269
			NiO	0.007	0.031
			P2O3	0.097	0.425
			PbO	0.132	0.579
			Sb2O3	0.041	0.178
			SiO2	0.016	0.070
			SnO2	0.077	0.336
			Sr(OH)2	0.104	0.457
			ZnO	0.0001	0.0003
			ZrO2	0.0001	0.0005

- (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) 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  
TSP - total suspended particulate
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum

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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