

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. S-18144

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
E	Unconventional Line Dryer	VOC		0.0012
	0.002			
	Scrubber Stack and POC**	NO _x		0.056
	0.245			
		SO ₂	0.0012	0.002
		PM	0.0055	0.024
		CO	0.0244	0.11
		HF	0.001	0.004
		Formic Acid	0.44	1.93
		NH ₃	0.90	3.94
F	Unconventional Line Dryer	PM		0.7
	3.07			
	Cooling Stack			
C	Rotary Kiln Scrubber Stack	NH ₃		0.02
	0.088			
		HF	0.024	0.105
		NH ₄ F	0.138	0.43
B	Rotary Kiln POC Stack	VOC	0.01	0.044
		NO _x	0.20	0.876
		SO ₂	0.01	0.044
		PM	0.02	0.088
		CO	0.08	0.351
A4	Steam Generating Boiler Stack	VOC		0.01
	0.044			
		NO _x	0.20	0.876
		SO ₂	0.01	0.044
		PM	0.02	0.088

CO

0.08

0.351

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.

Permit No. S-18144

Page 2

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- (2) Specific point source name. Some sources may have more than one stack; however, the sum of all stack emissions from a source with multiple stacks will be less than or equal to the listed emission rates associated with the one stack that is identified in this table. 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 including total suspended particulate

CO - carbon monoxide

HF - hydrogen fluoride

NH₄F - ammonium fluoride

NH₃ - ammonia

POC - products of combustion

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

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

Dated _____