

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21965

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		
B-2	Boiler (a) (Natural Gas)			PM10	0.13	0.57
				SO2	0.02	0.07
				NOx	3.64	15.90
				CO	0.91	3.99
				VOC	0.07	0.32
A-5	Alkar-Oven 5 (a) (Natural Gas)			PM10	0.02	0.09
				SO2	<0.01	0.01
				NOx	0.40	1.73
				CO	0.08	0.35
				VOC	0.02	0.09
A-6	Alkar-Oven 6 (a) (Natural Gas)			PM10	0.03	0.11
				SO2	<0.01	0.01
				NOx	0.52	2.27
				CO	0.10	0.46
				VOC	0.03	0.12
I-1	Thermal Oxidizer (b) (Natural Gas and Meat Smoking)			PM10	1.86	7.87
				SO2	0.01	0.03
				NOx	1.45	6.35
				CO	9.43	39.77
				VOC	0.51	2.13
				HCHO	0.08	0.34
				CH3CHO	0.45	1.91
				CH3COOH	1.37	5.78
I-2	Test Oven (c) (Meat Smoking)			PM10	0.01	<0.01
				CO	0.02	<0.01
				VOC	<0.01	<0.01
				HCHO	<0.01	<0.01

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		CH ₃ CHO	<0.01	<0.01
		CH ₃ COOH	0.01	<0.01
VP	Vacuum Pumps (a)	VOC	0.26	1.14

- (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 in diameter
 SO₂ - sulfur dioxide
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in General Rule 101.1
 HCHO - formaldehyde
 CH₃CHO - acetaldehyde
 CH₃COOH - acetic acid
- (a) Emission limits are based on and the facilities are limited to the following operating schedule:
 Hrs/day___Days/week___Weeks/year___or Hrs/year 8,760
 - (b) Emission rates are based on and the facilities are limited to a total hourly throughput of 15.11 tons and a total annual throughput of 127,271 tons of raw meat.
 - (c) Emission rates are based on and the facilities are limited to an hourly throughput of 0.038 tons and an annual throughput of 12 tons of raw meat.