

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6178

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		
1	Roaster-Afterburner No. 1			VOC	<0.01	0.01
				NOx	1.40	6.13
				SO2	<0.01	0.02
				PM10	1.05	4.60
				CO	0.16	0.70
				CH2CHCHO	0.02	0.09
				CH3CHO	0.01	0.04
				CH3COOH	0.14	0.61
2	Stone-Cooler Scrubber			PM10	0.22	0.96
9	Drying Tower Scrubber			VOC	0.05	0.22
				NOx	1.10	4.82
				SO2	3.55	15.55
				PM10	0.64	2.79
				CO	0.25	1.10
11	Granule Scrubber			PM10	0.30	1.31
12	Vapor Rec., Carbon Ag.			VOC	3.00	13.14
13	Boiler			VOC	0.24	1.05
				NOx	21.70	95.05
				SO2	25.00	109.50
				PM10	1.91	8.37
				CO	1.20	5.26
16	Fly Ash-Filter			PM10	<0.01	0.01
19	Packing Cyclone			PM10	0.20	0.88

23	Microfines and Dryer Scrubber	PM10	0.59	2.56
24	Green Bean Filter	PM10	0.23	1.01
25	Whole Roast Filter	PM10	0.10	0.42

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant TPY	Emission Rates*	
26	Granulized Filter			PM10	0.12	0.50
27	Dryer Cyclone			VOC	0.05	0.22
				PM10	0.53	2.32
28	Dry Bean Handling			PM10	0.08	0.35
29	Dust Conveying Filter			PM10	0.11	0.48
30	Chilled Condenser			VOC	6.59	28.86
34	Packing Dust Filter			PM10	0.04	0.18
35	A. F. Dust Filter			PM10	0.16	0.70
36	Packing Dust Filter 1-45			PM10	0.17	0.75
37	Packing Dust Filter 2-45			PM10	0.17	0.75
39	Dryer Cyclone No. 2			VOC	0.05	0.23
				PM10	0.53	2.32
40	Dryer Cooling Cyclone No. 2			VOC	0.03	0.11
				PM10	0.13	0.58
41	B. D. Dust Filter No. 2			VOC		0.11
				PM10	0.05	0.22
42	Dryer Cooling Cyclone			VOC	0.03	
				PM10	0.13	0.58
43	Green Bean Dust Filter			PM10	0.07	0.31

44	Roaster-Afterburner No. 2	VOC	<0.01	0.01
		NOx	1.18	5.14
		SO2	0.01	0.02
		PM10	0.49	2.14
		CO	0.18	0.79
		CH2CHCHO	0.09	0.39
		CH3CHO	0.05	0.20
		CH3COOH	0.12	0.53
45	Roaster Cooler Cyclone	PM10	0.16	0.70
46	Packing Dust Filter	PM10	0.03	0.13

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant TPY	<u>Emission Rates*</u>	
47	Roaster Dust Filter			PM10	0.02	0.09
FUG	Bean Decaffination Area (4)			VOC	2.00	8.76
				PM10	0.62	2.72
FUG	Instant Direct Extraction Area (4)			VOC	1.05	4.60
FUG	Wastewater Lagoon (4)			VOC	5.44	23.83
	TOTAL			VOC	18.55	81.15
				NOx	25.38	111.14
				SO2	28.57	125.09
				PM10	8.86	38.73
				CO	1.79	7.85
				CH2CHCHO	0.11	0.48
				CH3CHO	0.06	0.24
				CH3COOH	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
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
CH2CHCHO - acrolein
CH3CHO - acetaldehyde
CH3COOH - acetic acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum 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

Revised_____