

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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 Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
1	Roaster-Afterburner No. 1	VOC	0.93	0.84
		NO <sub>x</sub>	7.81	7.81
		SO <sub>x</sub>	2.01	1.99
		PM/PM <sub>10</sub>	2.42	2.42
		CO	6.97	6.96
2	Stone-Cooler Scrubber	PM/PM <sub>10</sub>	0.24	1.06
		CO	2.80	12.27
		VOC	1.97	8.62
13	Boiler No. 1	VOC	0.41	1.82
		NO <sub>x</sub>	13.72	43.28
		SO <sub>2</sub>	30.38	6.27
		PM/PM <sub>10</sub>	1.42	4.94
		CO	3.92	6.59
24	Green Bean Filter	PM/PM <sub>10</sub>	0.27	1.20
25	Whole Roast Filter	PM/PM <sub>10</sub>	0.04	0.19
		CO	2.32	10.18
27	Dryer Cyclone	VOC	0.05	0.23
		PM/PM <sub>10</sub>	1.06	4.64
28	Dry Bean Handling	PM/PM <sub>10</sub>	0.10	0.45
30	Chilled Condenser	VOC	0.63	2.76
40	Dryer Cooling Cyclone No. 2	VOC	0.05	0.23
		PM/PM <sub>10</sub>	0.53	2.32

41	B. D. Dust Filter No. 2	PM/PM <sub>10</sub>	0.10	0.45
42	Dryer Cooling Cyclone	VOC PM/PM <sub>10</sub>	0.05 0.53	0.23 2.32
43	Green Bean Dust Filter	PM/PM <sub>10</sub>	0.08	0.36
PS-1	C-63 Pilot Plant	PM/PM <sub>10</sub>	0.01	0.05
FUG-BD	Bean Decaffeination Area (4)	VOC PM/PM <sub>10</sub>	4.29 0.65	18.77 2.84
FUG-WWL	Waste Water Lagoons (4)	VOC	5.85	25.61

- (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) PM - particulate matter suspended in the atmosphere including PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>x</sub> - total oxides of sulfur  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide
- (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

Dated \_\_\_\_\_