EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 56398

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
2	Probat Roaster 1 Receiving Cyclone	PM_{10}	0.09	0.10
3	Probat Roaster 2 Receiving Cyclone	PM_{10}	0.09	0.10
4	Probat Roaster 3 Receiving Cyclone	PM_{10}	0.09	0.10
5	Probat Roaster 4 Receiving Cyclone	PM_{10}	0.09	0.10
6	Probat Roaster 1 Afterburner	PM_{10}	0.10	0.42
		SO_2	<0.01	0.01
		NO_x	0.38	1.66
		CO	1.82	7.98
		VOC	0.09	0.40
		CH_2CHCHO	0.03	0.14
		CH_3CHO	0.02	0.07
		CH_3COOH	0.05	0.20
7	Probat Roaster 2 Afterburner	PM_{10}	0.10	0.42
		SO_2	<0.01	0.01
		NO_x	0.38	1.66
		CO	1.82	7.98
		VOC	0.09	0.40
		CH_2CHCHO	0.03	0.14
		CH_3CHO	0.02	0.07
		CH_3COOH	0.05	0.20

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
8	Probat Roaster 3 Afterburner	PM_{10}	0.10	0.42
		SO_2	<0.01	0.01
		NO_x	0.38	1.66
		CO	1.82	7.98
		VOC	0.09	0.40
		CH_2CHCHO 0.03	0.14	
		CH_3CHO 0.02	0.07	
		CH_3COOH 0.05	0.20	
9	Probat Roaster 4 Afterburner	PM_{10}	0.10	0.42
		SO_2	<0.01	0.01
		NO_x	0.38	1.66
		CO	1.82	7.98
		VOC	0.09	0.40
		CH_2CHCHO 0.03	0.14	
		CH_3CHO 0.02	0.07	
		CH_3COOH 0.05	0.20	
14	Silo 2 MB Caff Cyclone 1	PM_{10}	0.09	0.39
15	Bad Bar Caff Silo Cyclone 1	PM_{10}	0.09	0.39
16	FSPD Caff Blending Silo Cyclone 1	PM_{10}	0.09	0.39
17	RWB Silo 3 Decaff Baghouse	PM_{10}	0.09	0.39
18	Probat Roaster 5 Receiving Cyclone	PM_{10}	0.09	0.10
19	Probat Roaster 6 Receiving Cyclone	PM_{10}	0.09	0.10

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
20	Probat Roaster 7 Receiving Cyclone	PM_{10}	0.09	0.10
21	Probat Roaster 8 Receiving Cyclone	PM_{10}	0.09	0.10
22	Probat Roaster 5 Afterburner	PM_{10}	0.10	0.42
		SO_2	<0.01	0.01
		NO_x	0.38	1.66
		CO	1.82	7.98
		VOC	0.09	0.40
		CH_2CHCHO 0.03	0.14	
		CH_3CHO 0.02	0.07	
		CH_3COOH 0.05	0.20	
23	Probat Roaster 6 Afterburner	PM_{10}	0.10	0.42
		SO_2	<0.01	0.01
		NO_x	0.38	1.66
		CO	1.82	7.98
		VOC	0.09	0.40
		CH_2CHCHO 0.03	0.14	
		CH_3CHO 0.02	0.07	
		CH_3COOH 0.05	0.20	
24	Probat Roaster 7 Afterburner	PM_{10}	0.10	0.42
		SO_2	<0.01	0.01
		NO_x	0.38	1.66
		CO	1.82	7.98
		VOC	0.09	0.40
		CH_2CHCHO 0.03	0.14	
		CH_3CHO 0.02	0.07	
		CH_3COOH 0.05	0.20	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
25	Probat Roaster 8 Afterburner	PM_{10}	0.10	0.42
		SO_2	<0.01	0.01
		NO_x	0.38	1.66
		CO	1.82	7.98
		VOC	0.09	0.40
		CH_2CHCHO 0.03	0.14	
		CH_3CHO 0.02	0.07	
		CH_3COOH 0.05	0.20	
30	Silo 2 MB Caff Cyclone 2	PM_{10}	0.09	0.39
31	Bad Bar Caff Silo Cyclone 2	PM_{10}	0.09	0.39
32	FSPD Caff Blending Silo Cyclone 2	PM_{10}	0.09	0.39
33	RWB Silo 3 Decaff Baghouse 2	PM_{10}	0.05	0.23
34	SIG 1 Cyclone	PM_{10}	0.05	0.39
40	Decaff Green Bean Probat Baghouse	PM_{10}	0.05	0.23
311	Area Vacuum System Baghouse	PM_{10}	0.34	1.50
320	Bin Silo 63 Baghouse 1	PM_{10}	0.34	1.50
321	Bin Silo 63 Baghouse 2	PM_{10}	0.34	1.50
322	Bin Silo 64 Baghouse 1	PM_{10}	0.34	1.50
359	Spray Dryer 12 Baghouse	PM_{10}	8.77	8.41
		SO_2	<0.01	0.02
		NO_x	0.64	2.79
		CO	0.54	2.34
		VOC	0.04	0.15

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	Emission Rates TPY
362	Spray Dryer 11 Baghouse	PM_{10}	8.71	38.15
		SO_2	<0.01	0.02
		NO_x	0.64	2.79
		CO	0.54	2.34
		VOC 0.04	0.15	
402	Boiler 5	PM_{10}	0.93	0.94
		SO_2 0.07	0.07	
		NO_x	41.42	41.75
		CO	6.20	6.25
		VOC 0.68	0.68	
404	Boiler 6	PM_{10}	1.55	6.79
		SO_2	0.12	0.54
		NO_x*	12.36	54.14
		NO_x**	45.44	199.03
		CO *** 15.45	67.67	
		VOC	1.12	4.91
405	Building Fugitives (Includes Storage Bin Vents)	PM_{10}	<0.01	<0.01

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2) Specific point source names. For fugitive sources use area name or fugitive source name.
(3) PM_{10} - particulate matter (PM) 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.
SO_2 - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
CH_2CHCHO - acrolein
CH_3CHO - acetaldehyde
CH_3COOH - acetic acid

* The emission limits for NO_x are based on the firing of natural gas only and shall not be effective until March 1, 2007.
** The emission limits for NOx are based on the firing of natural gas and coffee grounds/chaff.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY

*** The emission limits shall not be effective until March 1, 2007.

EPN 404 is allowed a maximum hourly CO emission rate of 0.063 lb/hr and a maximum annual CO emission rate of 0.27 TPY until March 1, 2007.

Dated