EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 17723

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
302	Green Bean Cleaner Baghouse	PM/PM_{10}	0.86	3.75
100	Building Fugitives, (4) includes: Green Bean Receiving Storage Bin 360 1A and 1B Storage Bin 360 2A and 2B Storage Bin 360 3A and 3B Storage Bin 360 4A and 4B Scales 264 and 265 Storage Bin 266	PM/PM_{10}	0.24	1.03
Continuous Roaster 3 Operations:				
101 and 102	Green Bean Receiving Bins Baghouse	PM/PM_{10}	0.03	0.13
103	ITR 3 and RTO	PM/PM_{10}	2.67	11.69
		CO	7.82	34.26
		NO_x	2.17	9.50
		VOC (5)	0.11	0.50
		SO_2	0.02	0.06
104A	Cooling Car Wet Cyclone	PM/PM_{10}	0.01	0.04
105A	Destoner Receiving Cyclone	PM/PM_{10}	0.24	0.83
Continuous Roasters 1 and 2 Operations:				

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137	Green Bean Transfer Baghouse	PM/PM_{10}	0.03	0.13
138	ITR 1 and 2 and RTO	PM/PM_{10}	1.35	5.93
		SO_2	0.01	0.05
		NO_x	1.78	7.81
		CO	7.12	31.19
		VOC (5)	0.15	0.66
139A	Rotoclone Wet Cyclone	PM/PM_{10}	<0.01	0.01
139B	Rotoclone Wet Cyclone	PM/PM_{10}	<0.01	0.01
139C	Receiving 1 Cyclone	PM/PM_{10}	0.24	0.58
139D	Receiving 2 Cyclone	PM/PM_{10}	0.24	0.58
141	Receiving Mixer Baghouse	PM/PM_{10}	0.03	0.13
142	Coffee Transfer Baghouse	PM/PM_{10}	0.03	0.13
Roasted Coffee Storage Bins and Silos:				
107 and 108	07 SIG and 08 SIG Baghouse Vents	PM/PM_{10}	0.03	0.13
111	6 Cell Silo Caff 30K Baghouse Vent	PM/PM_{10}	0.05	0.23
112	Vert Caff 15K Receiving Bin Baghouse	PM/PM_{10}	0.05	0.23
113	Coffee Bean Transfer - 21K Baghouse	PM/PM_{10}	0.05	0.23
114	Bosch No. 3 30K 1 Baghouse	PM/PM_{10}	0.05	0.23
118	RWB Receiving Bin Baghouse Vent	PM/PM_{10}	0.05	0.23

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119	Rework Bin A Baghouse	PM/PM_{10}	0.05	0.23
120	RWB Bin B Baghouse Vent	PM/PM_{10}	0.05	0.23
121	Rework Bin B Baghouse	PM/PM_{10}	0.05	0.23
123	C-1 Caff 30K 3 Baghouse	PM/PM_{10}	0.05	0.23
124	Rework Caff 30K 4 Baghouse Vent	PM/PM_{10}	0.05	0.23
125	Caff 15K 6 Baghouse	PM/PM_{10}	0.05	0.23
126	Coffee Bean Transfer - 09 SIG Baghouse	PM/PM_{10}	0.05	0.23
127 - 129	10, 11, and 12 SIG Baghouse Vents	PM/PM_{10}	0.05	0.23
130	Receiving Bin 1 Baghouse	PM/PM_{10}	0.05	0.23
131	Receiving Bin 2 Baghouse	PM/PM_{10}	0.05	0.23
132	Silo No. 2 Receiving Cyclone	PM/PM_{10}	0.59	12.08
133	Bad Bar Caff Silo Receiving Cyclone	PM/PM_{10}	0.59	12.08
134	Receiving Bin A Baghouse	PM/PM_{10}	0.05	0.23
135	Receiving Bin B Baghouse	PM/PM_{10}	0.05	0.23
136	Receiving Bin C Cyclone	PM/PM_{10}	0.59	12.08
147	Decaff VERT B1-D 15K Baghouse Vent	PM/PM_{10}	0.05	0.23
148	Decaff Vert 15K Baghouse	PM/PM_{10}	0.05	0.23

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149	Decaff 30K 5 Baghouse	PM/PM_{10}	0.05	0.23
150	Cloud Decaff Baghouse	PM/PM_{10}	0.05	0.23
154	3 lb Receiving Bin Baghouse Vent	PM/PM_{10}	0.05	0.23
155	Ribbon Blender Receiver Cyclone	PM/PM_{10}	0.03	0.13
156	CAFF Surge Bin baghouse Vent	PM/PM_{10}	0.06	0.26
Extraction Flow Process:				
201	Green Bean Destoners Baghouse Vent	PM/PM_{10}	1.11	4.88
202	Green Bean Destoners 1 Baghouse Vent	PM/PM_{10}	1.11	4.88
203	Green Bean Polishers Baghouse	PM/PM_{10}	1.29	5.63
251	Green Bean Destoners 2 Baghouse Vent	PM/PM_{10}	0.05	0.23
252	Green Bean Destoners 3 Baghouse	PM/PM_{10}	0.07	0.30
AMCO 2 Process:				
258	Link Belt Receiver 6 Cyclone	PM/PM_{10}	0.30	6.98
259	Link Belt Dryer Furnace 6 Cyclone	PM/PM_{10}	0.33	1.45
		VOC	<0.01	0.04
		NO_x	0.15	0.67
		CO	0.13	0.56

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		SO_2	<0.01	<0.01
260	Aeroglide 6 Dryer Cyclone	PM/PM_{10}	3.00	13.13
Process Link Belt 2:				
261	Link Belt Receiver 2 Cyclone	PM/PM_{10}	0.32	1.40
262	Link Belt Dryer Furnace 2 Cyclone	PM/PM_{10}	0.33	1.42
		VOC	<0.01	0.02
		NO_x	0.08	0.33
		CO	0.06	0.28
		SO_2	<0.01	0.01
263	Aeroglide 2 Dryer Cyclone	PM/PM_{10}	2.66	11.66
103 and 138	ITR 1, 2, and 3 and RTO's	HAPS	0.036	0.17

(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 an area name or fugitive source name.

(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
PM - particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} -
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
HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations (40 CFR) Part 63, Subpart C
(4) Fugitive emissions are an estimate only.
(5) These VOC emissions include HAP emissions.

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Dated April 11, 2007