EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 8904, PSD-TX-447M1, and N-012

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	Emission Rates TPY(2)
	BREWING OPERATIONS			
	GRAINS HANDLING			
	Building 2 (Old Side)			
GU-O1	Grain Unloading I (GH-GU1)	PM	0.40	0.95
		PM_{10}	0.06	0.14
BHA-6	Malt Conveying I (GH-MALT1)	PM	0.18	0.62
		PM_{10}	0.03	0.09
BHA-7	Rice Conveying I (GH-RICE1)	PM	0.14	0.33
		PM_{10}	0.02	0.05
BHA-8	Mill Dust Collection I (GH-MDC1)	PM	0.57	2.33
		PM_{10}	0.40	1.63
GH-O1	Vacuum Cleaner I (GH-VC1)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
BHA-9	Vacuum Cleaner II (GH-VC2)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
	Building 62 (New Side)			
GU-N1	Grain Unloading II (GH-GU2)	PM	0.45	1.97
		PM_{10}	0.07	0.30
GU-N2	Grain Bin Dust Collection II (GH-GBD2)	PM	0.45	1.97
		PM_{10}	0.07	0.30
GH-N1	Malt Conveying IIA (GH-MALT2A)	PM	0.20	0.89

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
		PM_{10}	0.03	0.13
GH-N2	Rice Conveying IIA (GH-RICE2A)	PM	0.09	0.39
		PM_{10}	0.01	0.06
GH-N3	Malt Surge Bin/Cleaner (GH-MSBC)	PM	0.20	0.89
		PM_{10}	0.03	0.13
GH-N4	Rice Surge Bin/Cleaner (GH-RSBC)	PM	0.09	0.39
		PM_{10}	0.01	0.06
BHB-20	Malt Conveying IIB (GH-MALT2B)	PM	0.20	0.89
		PM_{10}	0.03	0.13
BHB-21	Rice Conveying IIB (GH-RICE2B)	PM	0.09	0.39
		PM_{10}	0.01	0.06
BHB-22	Mill Dust Collection II (GH-MDC2)	PM	0.71	3.08
		PM_{10}	0.49	2.16
GH-N5	Vacuum Cleaning III (GH-VC3)	PM (3)	<0.01	<0.01
		PM_{10} (3)	<0.01	<0.01
BHB-23	Vacuum Cleaning IV (GH-VC4)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
GH-N6	Vacuum Cleaning V (GH-VC5)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01

BREWHOUSE
Building 3 (Old Side)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BHA-1	Mash Cooker No. 1 (BHA-MC1)	VOC	0.10	0.19
BHA-2	Mash Cooker No. 2 (BHA-MC2)	VOC	0.10	0.19
BHA-3	Brew Kettle No.1 (BHA-BK1)	VOC	0.96	1.80
BHA-4	Holding Kettle (BHA-HK)	VOC	0.42	0.79
BHA-5	Hops Strainer (BHA-HS)	VOC	0.11	0.21
BHA-FUG	Two 50-Barrel Tannin Precoat Tanks (BHA-PCT)	PM/PM_{10}	<0.01	<0.01
BHA-FUG	Two 50-Barrel Body Feed Tanks (BHA-BFT)	PM/PM_{10}	<0.01	<0.01
		Building 3X		
BHX-1	Mash Cooker No. 3 (BHX-MC3)	VOC	0.10	0.19
BHX-2	Lauter Tub No. 1 (BHX-LT1)	VOC	0.46	0.87
BHX-3	Lauter Tub No. 2 (BHX-LT2)	VOC	0.46	0.87
BHX-4	Brew Kettle No. 2 (BHX-BK2)	VOC	0.96	1.80

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BHX-5	Hot Wort Receiver No. 2 (BHX-HWR2)	VOC	0.06	0.10
BHX-6	Press Feed Tank No. 1 (BHX-PFT1)	VOC	0.01	0.01
BHX-7	Press Feed Tank No. 2 (BHX-PFT2)	VOC	0.01	0.01
BHX-8	Press Feed Tank No. 3 (BHX-PFT3)	VOC	0.02	0.03
BHX-9	Hot Trub Collection Tank No. 2 (BHX-HTC2)	VOC	0.25	0.47
	Building 63			
BHB-1	Mash Cooker No. 4 (BHB-MC4)	VOC	0.10	0.19
BHB-2	Mash Cooker No. 5 (BHB-MC5)	VOC	0.10	0.19
BHB-3	Mash Cooker No. 6 (BHB-MC6)	VOC	0.10	0.19
BHB-4	Mash Cooker No. 7 (BHB-MC7)	VOC	0.10	0.19
BHB-5	Mash Cooker No. 8 (BHB-MC8)	VOC	0.10	0.19
BHB-6	Lauter Tub No. 3 (BHB-LT3)	VOC	0.46	0.87

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BHB-7	Lauter Tub No. 4 (BHB-LT4)	VOC	0.46	0.87
BHB-8	Brew Kettle No. 3 (BHB-BK3)	VOC	0.96	1.80
BHB-9	Brew Kettle No. 4 (BHB-BK4)	VOC	0.96	1.80
BHB-10	Brew Kettle No. 5 (BHB-BK5)	VOC	0.96	1.80
BHB-11	Hot Wort Receiver No. 1 (BHB-HWR1)	VOC	0.06	0.10
BHB-12	Hot Wort Receiver No. 3 (BHB-HWR3)	VOC	0.06	0.10
BHB-13	Hot Wort Receiver No. 4 (BHB-HWR4)	VOC	0.06	0.10
BHB-HVAC	Hot Trub Collection Tank No. 1 (BHB-HTC1)	VOC	0.25	0.47
BHB-HVAC	Hot Trub Collection Tank No. 3 (BHB-HTC3)	VOC	0.25	0.47
BHB-14	Hops Strainer (BHB-HS)	VOC	0.11	0.21
BHB-15	Wort Aerator No. 1 (BHB-WA1)	VOC	1.20	2.25
BHB-16	Wort Aerator No. 2 (BHB-WA2)	VOC	1.20	2.25

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BHB-FUG	Two Spent Grain Presses (BHB-SGP)	VOC (3)	0.02	0.03
BHB-17	Press Effluent Tank (BHB-PET)	VOC	0.02	0.03
BHB-17	Lauter Tub Effluent Tank (BHB-LTET)	VOC	0.02	0.03
BHB-18	Centrifuge Effluent Tank (BHB-CET)	VOC	0.02	0.03
BHB-19	Centrifuge Feed Tank (BHB-CFT)	VOC	0.02	0.03
	STOCKHOUSES Building 4 (No.1)			
SH1-1	Two 60-Barrel K-Filters (SH1-KF1 and 2)	VOC	<0.01	<0.01
SH1-1	Two 37-Barrel Schoene Beer Balance Tanks (SH1-SBB1)	VOC	0.01	<0.01
SH1-1	Two 37-Barrel Filter Beer Balance Tanks (SH1-FBB1)	VOC	<0.01	<0.01
SH1-2	Two 90-Barrel K-Filters (SH1-KF4 and 5)	VOC	<0.01	<0.01
SH1-2	Two 70-Barrel Schoene Beer Balance Tanks (SH1-SBB2)	VOC	0.01	<0.01
SH1-2	Two 70-Barrel Filter Beer	VOC	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
	Balance Tanks (SH1-FBB2)			
SH1-FUG	Seven 510-Barrel Clear Beer Tanks (SH1-CBT)	VOC (3)	0.04	<0.01
SH1-FUG	Five 510-Barrel Blowback Beer Tanks (SH1-BBT)	VOC (3)	0.03	<0.01
SH1-FUG	Schoene Beer Receiver No. 1 (SH1-SR1)	VOC (3)	0.28	0.53
SH1-FUG	Schoene Beer Receiver No. 2 (SH1-SR2)	VOC (3)	0.28	0.53
SH1-FUG	Schoene Beer Receiver No. 3 (SH1-SR3)	VOC (3)	0.28	0.53
SH1-3	One 1,240-Barrel Schoene Beer Tank (SH1-ST1)	VOC	0.08	0.14
SH1-3	One 410-Barrel Schoene Beer Tank (SH1-ST2)	VOC	0.03	0.05
SH1-3	Three 610-Barrel Schoene Beer Tanks (SH1-ST3)	VOC	0.11	0.21
SH1-3	Seventeen 1,220-Barrel Schoene Beer Tanks (SH1-ST4)	VOC	1.25	2.33

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
SH1-3	Thirteen 1,220-Barrel Lager Beer Tanks (SH1-LT1)	VOC	0.32	0.59
SH1-3	Three 510-Barrel Lager Beer Tanks (SH1-LT2)	VOC	0.03	0.06
SH1-3	Twelve 1,220-Barrel Lager Beer Tanks (SH1-LT3)	VOC	0.29	0.54
SH1-4	Three 610-Barrel Schoene Beer Tanks (SH1-ST5)	VOC	0.11	0.21
SH1-4	Six 1,220-Barrel Schoene Beer Tanks (SH1-ST6)	VOC	0.44	0.82
SH1-4	Six 510-Barrel Lager Beer Tanks (SH1-LT4)	VOC	0.06	0.11
SH1-4	Thirteen 1,220-Barrel Lager Beer Tanks (SH1-LT5)	VOC	0.32	0.59
SH1-4	Six 410-Barrel Lager Beer Tanks (SH1-LT6)	VOC	0.05	0.09
SH1-4	Thirteen 1,220-Barrel Lager Beer Tanks (SH1-LT7)	VOC	0.31	0.58

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
SH1-FUG	Chip Washers (SH1-CW)	VOC (3)	1.29	2.41
SH1-5	Carbon Dioxide Regeneration System (Deodorizer, Scrubber and Trap) No. 2 (SH1-CO2)	VOC	0.26	0.14
DESILO-1	Celite or Perlite Storage Silo No. 1 (SH1-DES1)	PM/PM_{10}	0.06	0.01
DESILO-2	Celite or Perlite Storage Silo No. 2 (SH1-DES2)	PM/PM_{10}	0.06	0.01
SH1-FUG	3-Barrel Tannin Concentrate Tank (SH1-TCT)	PM/PM_{10}	<0.01	<0.01
SH1-FUG	50-Barrel Tannin Mix Tank (SH1-TMT)	PM/PM_{10}	<0.01	<0.01
SH1-FUG	37-Barrel Tannin Supply Tank (SH1-TST)	PM/PM_{10}	<0.01	<0.01
	Building 4A (No. 2)			
SH2-1	ACP System (SH2-ACP)	PM/PM_{10}	<0.01	<0.01
SH2-2	Twenty-one 1,240-Barrel Lager Beer Tanks (SH2-LT1)	VOC	0.52	0.96
SH2-2	One 1,240-Barrel Lager Beer Tank (SH2-LT2)	VOC	0.05	0.02

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
SH2-2	Twenty-one 1,220-Barrel Lager Beer Tanks (SH2-LT3)	VOC	0.51	0.94
SH2-2	Twenty-one 1,220-Barrel Lager Beer Tanks (SH2-LT4)	VOC	0.51	0.94
SH2-2	Twenty-one 1,220-Barrel Lager Beer Tanks (SH2-LT5)	VOC	0.51	0.94
SH2-2	One 1,220-Barrel Lager Beer Tank (SH2-LT6)	VOC	0.02	0.05
	Building 4X (No. 3)			
SH3-1	K-Filter No. 3 (SH3-KF3)	VOC	<0.01	<0.01
SH3-1	One 110-Barrel Schoene Beer Balance Tank (SH3-SBB)	VOC	<0.01	<0.01
SH3-1	One 90-Barrel Filter Beer Balance Tank (SH3-FBB)	VOC	<0.01	<0.01
SH3-FUG	Celite or Perlite Sludge Disposal Rotary Filter (SH3-ROTF)	VOC	0.02	0.03
SH3-FUG	Spent Celite (D.E.) Or Perlite	VOC (3)	0.02	0.03

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
	Dumpster (SH3-SCD)			
SH1-4	Six 1,240-Barrel Schoene Tanks (SH3-ST1)	VOC	0.45	0.84
SH1-4	Six 1,240 Barrel Schoene Tanks (SH3-ST2)	VOC	0.45	0.84
SH1-4	Six 1,240-Barrel Schoene Tanks (SH3-ST3)	VOC	0.45	0.84
SH1-4	Six 1,240-Barrel Schoene Tanks (SH3-ST4)	VOC	0.45	0.84
	Building 4AX (No. 4)			
SH4-1	Three 2,365-Barrel Alpha Fermentation Tanks (SH4-AFT1)	VOC	0.41	0.76
SH4-1	One 2,344-Barrel Alpha Fermentation Tank (SH4-AFT2)	VOC	0.14	0.25
SH4-2	Spent Celite (D.E.) Or Perlite Tank (SH4-SCT)	VOC	0.02	0.03
	Building 4AX (No. 5)			
SH5-1	Six 1,240-Barrel Lager Tanks (SH5-LT1)	VOC	0.15	0.27

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
SH5-1	Six 1,240-Barrel Lager Tanks 0.27 (SH5-LT2)	VOC	0.15	
SH5-1	Six 1,240-Barrel Lager Tanks 0.27 (SH5-LT3)	VOC	0.15	
SH5-1	Six 1,240-Barrel Lager Tanks 0.27 (SH5-LT4)	VOC	0.15	
	Building 68 (No. 6)			
SH6-HVAC	Spent Yeast Collection Tank 3.58 No. 1 (SH6-SYC1)	VOC	1.91	
SH6-HVAC	Schoene Sludge Collection Tank 3.58 No. 1 (SH6-SSC1)	VOC	1.91	
SH6-HVAC	Twelve 690-Barrel Cold Wort 0.12 Settling Tanks (SH6-CWS)	VOC	0.07	
SH6-HVAC	Eight 200-Barrel Yeast Brinks 5.72 (SH6-YB1)	VOC	3.06	
SH6-HVAC	Two 50-Barrel Yeast Brinks (SH6-YB2)	VOC	0.77	1.43

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
SH6-HVAC	One 400-Barrel G Beer Tank (SH6-GBT)	VOC	<0.01	<0.01
SH6-1	Seven 850-Barrel Schoene Decant Tanks (SH6-SDT)	VOC	0.30	0.56
SH6-1	Seven 500-Barrel Filtered Beer Tanks (SH6-FBT1)	VOC	0.18	0.33
SH6-1	Seven 1,600-Barrel Filtered Beer Tanks (SH6-FBT2)	VOC	1.04	0.56
SH6-2	Seven 850-Barrel Filtered Beer Tanks (SH6-FBT3)	VOC	0.30	0.56
SH6-2	Six 850-Barrel Filtered Beer Tanks (SH6-FBT4)	VOC	0.48	0.25
SH6-3	Seven 850-Barrel Filtered Beer Tanks (SH6-FBT5)	VOC	0.30	0.55
SH6-3	Eight 1,600-Barrel Filtered Beer Tanks (SH6-FBT6)	VOC	1.19	0.64
SH6-3	One 850-Barrel Filtered Beer Tank (SH6-FBT7)	VOC	0.08	0.04
SH6-3	Eight 1,600-Barrel Filtered Beer Tanks (SH6-FBT8)	VOC	1.19	0.64

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
SH6-3	Six 2,000-Barrel Filtered Beer Tanks (SH6-FBT9)	VOC	0.60	1.12
	Building 64 (No. 7)			
SH7-1	Twelve 6,050-Barrel Alpha Fermentation Tanks (SH7-AFT)	VOC	4.17	7.79
SH7-2	Alpha Drop Receiver No. 1 (SH7-ADR1)	VOC	0.52	0.97
SH7-3	Alpha Drop Receiver No. 2 (SH7-ADR2)	VOC	0.52	0.97
SH7-4	Carbon Dioxide Regeneration System (Deodorizer, Scrubber and Trap) No. 3 (SH7-CO2)	VOC	1.05 1.96	
	Building 65 (No. 8)			
SH8-1	Twenty 3,600-Barrel Lager Tanks (SH8-LT1)	VOC	1.42	2.66
SH8-2	Twenty 3,600-Barrel Lager Tanks (SH8-LT2)	VOC	1.42	2.66
SH8-3	Twenty 3,600-Barrel Lager Tanks (SH8-LT3)	VOC	1.42	2.66
SH8-4	Nineteen 3,600-Barrel Lager Tanks (SH8-LT4)	VOC	1.35 2.51	
SH8-5	Chip Washers (SH8-CW)	VOC	1.55	2.89

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
SH8-FUG	Spent Chips Dumpster (SH8-SCD)	VOC (3)	<0.01	0.01
SH8-HVAC	Two 1,500-Barrel Kraeusen Holding Tanks (SH8-KHT)	VOC	<0.01	0.01
	Building 44 (No. 9)			
SH9-1	Twelve 4,240-Barrel Alpha Fermentation Tanks (SH9-AFT1)	VOC	2.92	5.46
SH9-1	Four 2,120-Barrel Alpha Fermentation Tanks (SH9-AFT2)	VOC	0.49	0.91
SH9-1	Alpha Drop Receiver No. 1 (SH9-ADR1)	VOC	0.52	0.97
SH9-1	Alpha Drop Receiver No. 2 (SH9-ADR2)	VOC	0.52	0.97
SH9-2	Carbon Dioxide Regeneration System (Deodorizer, Scrubber and Trap) (SH9-CO2)	VOC	1.15	0.61
	Undesignated Building (No. 10)			
SH10-1	Eight 4,240-Barrel Unitanks (SH10-UT)	VOC	1.41	0.76
	PACKAGING			
	Building 6 (Bottle Line 04)			

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BPS-FUG04	Filler (BPS-B04F)	VOC (3)	2.50	4.19
BPS-FUG04	Pasteurizer (BPS-B04P)	VOC (3)	0.06	0.09
BPS-FUG04	Three Ink Coders (BPS-B04MC)	VOC (3)	0.35	0.67
BPS-FUG04	Five Laser Coders (BPS-B04LC)	PM/PM_{10} (3)	<0.01	<0.01
BPS-FUG04	Three Bottle Labelers (BPS-B04BL)	VOC (3)	0.14	0.25
BPS-FUG04	Three Case Sealers (BPS-B04CS)	VOC (3)	0.04	0.08
	Building 6 (Bottle Line 05)			
BPS-FUG05	Filler (BPS-05F)	VOC (3)	3.31	4.19
BPS-FUG05	Pasteurizer (BPS-B05P)	VOC (3)	0.07	0.09
BPS-FUG05	Ink Coder (BPS-B05MC)	VOC (3)	0.48	0.88
BPS-FUG05	Three Laser Coders (BPS-B05LC)	PM/PM_{10} (3)	<0.01	<0.01
BPS-FUG05	Two Bottle Labelers (BPS-B05BL)	VOC (3)	0.18	0.34
BPS-FUG05	Case Sealer (BPS-B05CS)	VOC (3)	0.06	0.10
	Building 6 (Keg Line 99)			

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY
BPS-FUG99	Keg Washer (BPS-K99W)	VOC (3)	<0.01	<0.01
BPS-FUG99	Filler (BPS-K99F)	VOC (3)	0.21	0.21
BPS-FUG99	Two Video Jet Coders (BPS-K99VJ)	VOC (3)	0.47	0.88
	Building 66 (General)			
BPS-4	Sleeve Removal System (BPS-SRS)	PM/PM_{10} (3)	0.04	0.17
	Building 66 (Bottle Line 06)			
BPS-1	Filler (BPS-B06F)	VOC (3)	4.00	4.19
BPS-1	Pasteurizer (BPS-B06P)	VOC (3)	0.09	0.09
BPS-FUG06	Three Video Jet Coders (BPS-B06VJ)	VOC (3)	0.45	0.85
BPS-FUG06	Four Ink Coders (BPS-B06MC)	VOC (3)	0.57	1.07
BPS-FUG06	Five Laser Coders (BPS-B06LC)	PM/PM_{10} (3)	<0.01	<0.01
BPS-FUG06	Three Bottle Labelers (BPS-B06BL)	VOC (3)	0.22	0.41
BPS-FUG06	Three Case Sealers (BPS-B06CS)	VOC (3)	0.07	0.12
	Building 5 (Bottle Line 07)			

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BPS-FUG07	Filler (BPS-B07F)	VOC (3)	3.31	4.19
BPS-FUG07	Pasteurizer (BPS-B07P)	VOC (3)	0.07	0.09
BPS-FUG07	Two Ink Coders (BPS-B07MC)	VOC (3)	0.48	0.88
BPS-FUG07	Three Laser Coders (BPS-B07LC)	PM/PM_{10} (3)	<0.01	<0.01
BPS-FUG07	Three Bottle Labelers (BPS-B07BL)	VOC (3)	0.18	0.34
BPS-FUG07	Case Sealer (BPS-B07CS)	VOC (3)	0.06	0.10
	Building 5 (Bottle Line 08)			
BPS-FUG08	Filler (BPS-B08F)	VOC (3)	3.31	4.19
BPS-FUG08	Pasteurizer (BPS-B08P)	VOC (3)	0.07	0.09
BPS-FUG08	Two Ink Coders (BPS-B08MC)	VOC (3)	0.48	0.88
BPS-FUG08	Three Laser Coders (BPS-B08LC)	PM/PM_{10} (3)	<0.01	<0.01
BPS-FUG08	Three Bottle Labelers (BPS-B08BL)	VOC (3)	0.18	0.34
BPS-FUG08	Case Sealer (BPS-B08CS)	VOC (3)	0.06	0.10
	Building 66 (Can Line 63)			
BPS-FUG63	Filler No. 1 (BPS-C63F1)	VOC (3)	2.07	8.97

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY
BPS-FUG63	Filler No. 2 (BPS-C63F2)	VOC (3)	2.07	8.97
BPS-FUG63	Pasteurizer (BPS-C63P)	VOC (3)	0.11	0.45
BPS-FUG63	Four Video Jet Coders (BPS-C63VJ)	VOC (3)	0.53	0.99
BPS-FUG63	Two Ink Coders (BPS-C63MC)	VOC (3)	0.67	1.25
BPS-FUG63	Laser Coder (BPS-C63LC)	PM/PM_{10} (3)	<0.01	<0.01
BPS-FUG63	Three Case Sealers (BPS-C63CS)	VOC (3)	0.08	0.15
	Building 66 (Can Line 64)			
BPS-FUG64	Filler (BPS-C64F)	VOC (3)	4.09	8.97
BPS-FUG64	Pasteurizer (BPS-C64P)	VOC (3)	0.10	0.23
BPS-FUG64	Four Video Jet Coders (BPS-C64VJ)	VOC (3)	0.52	0.98
BPS-FUG64	Ink Coder (BPS-C64MC)	VOC (3)	0.66	1.23
BPS-FUG64	Two Laser Coders (BPS-C64LC)	PM/PM_{10} (3)	<0.01	<0.01
BPS-FUG64	Three Case Sealers (BPS-C64CS)	VOC (3)	0.08	0.14
BPS-FUG64	Carton Salvage Baler (BPS-C64BCS)	PM/PM_{10} (3)	0.02	0.08
	Building 66 (Can Line 65)			

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BPS-FUG65	Filler (BPS-C65F)	VOC (3)	4.76	8.97
BPS-FUG65	Pasteurizer (BPS-C65P)	VOC (3)	0.12	0.23
BPS-FUG65	Four Video Jet Coders (BPS-C65VJ)	VOC (3)	0.61	1.14
BPS-FUG65	Ink Coder (BPS-C65MC)	VOC (3)	0.77	1.44
BPS-FUG65	Case Sealer (BPS-C65CS)	VOC (3)	0.09	0.17
	Building 66 (Can Line 66)			
BPS-2	Filler (BPS-C66F)	VOC (3)	4.72	8.97
BPS-2	Pasteurizer (BPS-C66P)	VOC (3)	0.12	0.23
BPS-FUG66	Four Video Jet Coders (BPS-C66VJ)	VOC (3)	0.61	1.13
BPS-FUG66	Three Ink Coders (BPS-C66MC)	VOC (3)	0.76	1.43
BPS-FUG66	Laser Coder (BPS-C66LC)	PM/PM_{10} (3)	<0.01	<0.01
BPS-FUG66	Five Case Sealers (BPS-C66CS)	VOC (3)	0.09	0.17
BPS-FUG66	Carton Salvage Baler (BPS-C66BCS)	PM/PM_{10} (3)	0.01	0.05

BREWERY SUPPORT OPERATIONS

UTILITIES

General

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
GEN-NH_3	Refrigeration System (GEN-NH_3)	NH_3	0.72	3.20
	Building 7 (Powerhouse)			
PWR-1	Boiler No. 1 (PWR-B01)	VOC	0.44	1.90
		PM/PM_{10}	1.10	2.80
		NO_x	11.40	36.30
		CO	6.72	29.40
		SO_2	24.30	9.00
PWR-2	Boiler No. 2 (PWR-B02)	VOC	0.44	1.90
		PM/PM_{10}	1.10	2.80
		NO_x	11.40	36.30
		CO	6.72	29.40
		SO_2	24.30	9.00
PWR-3	Boiler No. 3 (PWR-B03)	VOC	0.44	1.90
		PM/PM_{10}	1.10	2.80
		NO_x	11.40	36.30
		CO	6.72	29.40
		SO_2	24.30	9.00
PWR-4	Boiler No. 4 (PWR-B04)	VOC	0.55	
		PM/PM_{10}	2.30	
		NO_x	14.30	
		CO	8.38	
		SO_2	49.10	
PWR-5	Boiler No. 5 (PWR-B05)	VOC	0.55	
		PM/PM_{10}	2.30	
		NO_x	14.30	
		CO	8.38	
		SO_2	49.10	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY
PWR-6	Boiler No. 6 (PWR-B06)	VOC	0.55	
		PM/PM_{10}	1.40	
		NO_x	14.30	
		CO	8.37	
		SO_2	30.30	
PWR-4, PWR-5, and PWR-6	Boiler Nos. 4, 5, and 6 (PWR-B04, PWR-B05, and PWR-06)	VOC		7.20
		PM/PM_{10}		11.30
		NO_x		136.60(4)
		CO		110.00(4)
		SO_2		77.00(4)
	Near Building 9A			
TRACK-01	Trackmobile Diesel Storage Tank (TRACK-DST)	VOC	<0.01	<0.01
	RECYCLING			
	Between Building Nos. 4A and 6 (Recycle Dock)			
RDOCK-FUG1	Glass Crusher (RDOCK-GC)	VOC (3)	0.56	0.71
RDOCK-FUG2	Can Crusher (RDOCK-CC)	VOC (3)	0.68	1.73
RDOCK-FUG3	Spent Chips Dumpster (RDOCK-SCD)	VOC (3)	<0.01	0.01
RDOCK-FUG4	Beer Sump (RDOCK-WBS)	VOC (3)	0.49	0.92
RDOCK-1	Carton Salvage Baler (RDOCK-BCS)	PM/PM_{10}	0.05	0.21
	Blockhouse			
BLOCK-BCS	Carton Salvage Baler (BLOCK-BCS)	PM/PM_{10}	0.01	0.05

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
	Building 61 (Alcohol Distillation Unit)			
ALC-1	Waste Beer Feed Tank (ALC-WBF)	VOC	2.03	0.90
ALC-2	Waste Yeast Feed Tank (ALC-WYF)	VOC	2.03	0.90
ALC-FUG1	Distillation Condenser (ALC-DC)	VOC (3)	2.61	4.87
ALC-3	Distillation Tanks (ALC-DT)	VOC	0.02	0.03
ALC-FUG2	Distillation Truck Loadout (ALC-DTL)	VOC (3)	0.15	0.29
	Near Building 78			
GEN-03	Ozonator (GEN-03)	VOC (3)	0.11	0.39
	MAINTENANCE General			
BHA-FUG	Fumigation (BREW-FUG)	VOC (3)(5)	0.30	1.29
		PH_3	<0.01	0.01
	Building 3			
BHA-FUG	Carbon Filter Regenerators Nos. 1 through 9 (BHA-CFR)	VOC (3)	0.01	0.02
	Building 6			

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BPS-FUGPW1	5-Gallon Parts Washer (BPS-PW1)	VOC (3)	0.05	0.02
BPS-FUGPW2	5-Gallon Parts Washer (BPS-PW2)	VOC (3)	0.05	0.02
BPS-FUGPW3	17-Gallon Parts Washer (BPS-PW3)	VOC (3)	0.05	0.02
		Building 7		
PWR-FUG	Parts Washer (PWR-PW)	VOC (3)	0.05	0.23
		Building 9		
PAINT-FUG2	Paint Room (PAINT-PSB)	VOC (3)	0.22	0.22
		PM/PM_{10} (3)	0.04	0.04
PAINT-FUG3	Paint Still (PAINT-STL)	VOC (3)	<0.01	0.02
		Near Building 10		
YARD-01	Carpenter Shop (YARD-CSDC)	PM/PM_{10}	0.77	0.80
		Building 63		
BHB-FUG	Carbon Filter Regenerators Nos. 10 through 13 (BHB-CFR)	VOC (3)	<0.01 <0.01	
		Building 66		
FORK-FUG	Parts Washer (FORK-PW)	VOC (3)	0.05	0.23

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
		Building 77		
BRM-FUG	67-Gallon Parts Washer (BRM-PW)	VOC (3)	0.05	0.23
		SAFETY		
		Near Building 10		
FIRE-01	Fire Water Pump (Engine) (FIRE-WP)	VOC	0.78	0.20
		PM/PM_{10}	0.68	0.17
		NO_x	9.61	2.40
		CO	2.07	0.52
		SO_2	0.64	0.16
FIRE-02	Fire Water Pump Diesel Storage Tank (FIRE-DST)	VOC	<0.01	<0.01
		WASTEWATER TREATMENT		
WWT-FUG1	Wastewater Station No. 1 (WWT-WS1)	VOC (3)	0.02	0.07
WWT-FUG2	Wastewater Collection Pit (WWT-WCP)	VOC (3)	0.02	0.11
BPS-FUGGD	Waste Beer Sump (WWT-WBS)	VOC (3)	0.49	0.92
WWT-FUG	Wastewater Collection Fugitives (WWT-WCF)	VOC (3)	0.33	1.44

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY
BERS-1	Flare (BERS-FL)	CO	39.60	96.30(4)
		H_2S	0.64	0.42
		NO_x	4.60	11.20(4)
		SO_2	60.60	36.90(4)
BERS-2	Biofilter (BERS-BIO)	H_2S (3)	1.50	2.24
BERS-3	Bio-Energy Recovery System Fugitives (BERS-FUG)	H_2S (3)	<0.01	0.01

(1) PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter, equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NH_3 - ammonia
CO - carbon monoxide
SO_2 - sulfur dioxide
NO_x - oxides of nitrogen
PH_3 - phosphine
H_2S - hydrogen sulfide
(2) Any 12-consecutive months
(3) Fugitive emissions
(4) Emission rates when burning full capacity of bio-gas. When bio-gas

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (2)	Source Name and No.(FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	Emission Rates TPY
		fuels the boilers, there are no emissions from the flare and when bio-gas fuels the flare, boiler emissions are 136.60 TPY NO_X, 110.00 TPY CO, and 40.3 TPY SO_2.		
(5)		Methyl bromide		

Dated_____