Colorado Department of Public Health and Environment

OPERATING PERMIT

Anheuser-Busch, Inc.

First Issued October 1, 1999

Renewed: January 1, 2007

Last Revised: July 10, 2009

AIR POLLUTION CONTROL DIVISION
COLORADO OPERATING PERMIT

FACILITY NAME:	Anheuser-Busch, Inc.	OPERATING PERMIT NUMBER
FACILITY ID:	0690060	**95OPLR064**

RENEWED: January 1, 2007
EXPIRATION DATE: January 1, 2012
MODIFICATIONS: See Appendix F of Permit

Issued in accordance with the provisions of Colorado Air Pollution Prevention and Control Act, 25-7-101 et seq and applicable rules and regulations.

ISSUED TO:
Anheuser-Busch Companies, Inc.
One Busch Place
St. Louis, MO 63118-1852

PLANT SITE LOCATION:
County Road 52 and I-25
Fort Collins
Larimer County, Colorado

INFORMATION RELIED UPON

Operating Permit Renewal Application Received: October 1, 2003
And Additional Information Received: December 27, 2007

Nature of Business: Brewing Malt Beverages
Primary SIC: 2082

RESPONSIBLE OFFICIAL
Name: Kevin Fahrenkrog
Title: General Manager

Phone: (970) 490-4500

FACILITY CONTACT PERSON
Name: Robert C. Kaempfe
Title: Sr. Resident Manager, EHS&S

Phone: (970) 490-4630

SUBMITTAL DEADLINES

Semi-Annual Monitoring Period: October - March, April - September
Semi-Annual Monitoring Report: May 1, 2007 & November 1, 2007 and subsequent years
Annual Compliance Period: Begins October 1 to September 30
Annual Compliance Certification: November 1, 2007 and subsequent years

Note that the Semi-Annual Monitoring reports and the Annual Compliance Certifications must be received at the Division office by 5:00 p.m. on the due date. Postmarked dates will not be accepted for the purposes of determining the timely receipt of those reports/certifications.

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SECTION I - General Activities and Summary

1. Permitted Activities

1.1 This facility produces malt beverages from barley malt, cereal grains, water, hops, and yeast. VOC emissions result from the brewing process, and other criteria pollutant emissions result from four boilers, which burn natural gas and distillate fuel oil.

The facility is located at County Road 52 and I-25, in Fort Collins. The area in which the plant operates is currently designated as nonattainment for ozone and attainment for all other criteria pollutants.

Wyoming is an affected state within 50 miles of the facility. The following Federal Class I designated areas are within 100 kilometers of the plant: Rocky Mountain National Park and Rawah National Wilderness Area.

1.2 Until such time as this permit expires or is modified or revoked, the permittee is allowed to discharge air pollutants from this facility in accordance with the requirements, limitations, and conditions of this permit.

1.3 This Operating Permit incorporates the applicable requirements contained in the underlying construction permits, and does not affect those applicable requirements, except as modified during review of the application or as modified subsequent to permit issuance using the modification procedures found in Regulation No. 3, Part C. These Part C procedures meet the applicable substantive New Source Review requirements of Part B. Any revisions made using the provisions of Regulation No. 3, Part C shall become new applicable requirements for purposes of this operating permit and shall survive reissuance. This permit incorporates the applicable requirements (except as noted in Section II) from the following Construction Permit(s): 83LR045(01-13), 85LR127(01-06), 89LR410(01-02), 90LR134(01-02), 97LR0631, and the PSD permit issued by the EPA on March 15, 1984. In addition, PSD BACT and emission limit requirements for VOC sources are incorporated directly into this Operating Permit through a combined construction/operating permit procedure. A second PSD application was submitted on September 28, 2001, and applicable requirements incorporated through a combined construction/operating permit procedure.

1.4 All conditions in this permit are enforceable by US Environmental Protection Agency, Colorado Air Pollution Control Division (hereinafter Division) and its agents, and citizens unless otherwise specified. **State-only enforceable conditions are:** Section II – Conditions 8.4, 8.5 & 8.6. Section IV - Conditions 3.d, 3.g (last paragraph), 3.d, 14 & 18.

1.5 All information gathered pursuant to the requirements of this permit is subject to the Recordkeeping and Reporting requirements listed under Condition 22 of the General Conditions in Section IV of this permit. Either electronic or hard copy records are acceptable.

2. Prevention of Significant Deterioration Review

2.1 This facility is located in an area classified as attainment/maintenance for carbon monoxide (CO). Under that classification, all SIP-approved requirements for CO will continue to apply in order to prevent backsliding under the provisions of Section 110(l) of the Federal Clean Air Act. This Area is classified as non-attainment for ozone and is part of the 8-hr Ozone Control Area as defined in Regulation No. 7, Section II.A.1.

2.2 Operating Permit 98OPWE204, for Nutriturf, Inc., a subsidiary of Anheuser-Busch, is associated with this facility for purposes of determining applicability of Prevention of Significant Deterioration regulations.

3. Accidental Release Prevention Program (112(r))

3.1 Based on the information provided by the applicant, this facility is subject to the provisions of the Accidental Release Prevention Program (Section 112(r) of the Federal Clean Air Act).

4. Summary of Emission Units

4.1 The emissions units regulated by this permit are the following:

AIRS Stack Number	Facility Identifier	Description	Pollution Control Device	Construction Permit Number
		AREA 2 - GRAINS HANDLING		
013	P021	Grain Unloading	Bagfilter	83LR045-02 PSD Permit
003	P022	Barley Malt Conveyor	Bagfilter	83LR045-03 PSD Permit
004	P023	Rice Grain and Grits Conveyor	Bagfilter	83LR045-04 PSD Permit
039	P222	Barley Malt Conveying #2	Bagfilter	None**
039	P223	Rice Grain and Grits Conveying #2	Bagfilter	None**
005	P024	Grain Transfer and Storage #1	Bagfilter	83LR045-05 PSD Permit
040	P224	Grain Transfer and Storage #2	Bagfilter	None**
006	P025	Grain Milling and Weighing #1	Bagfilter	83LR045-06 PSD Permit
041	P225	Grain Milling and Weighing #2	Bagfilter	None**
		AREA 3 – BREWHOUSE		
021	P031 P032 P033 P034 P331 P332 P333	Seven (7) Mash Cookers	BACT	89LR410-01***
011	P035 P036 P335	Three (3) Huppman Lauter Tubs	BACT	83LR045-11***

AIRS Stack Number	Facility Identifier	Description	Pollution Control Device	Construction Permit Number
010	P037 P038 P039 P337 P338	Five (5) 24,335 gallon Huppman Brewkettles	BACT	83LR045-10**
		AREA 4 - STARTING CELLAR		
046	P041 P042 P441	Three (3) Wort Aerators	BACT	None(*) (***)
		AREA 5 – FERMENTING CELLAR		
035	P051 P052	Alpha Drop Receivers	BACT	None*
032	P551	Thirty three (33) Alpha Fermentation Tanks	BACT	None(*)(***)
		AREA 6 - CHIP CELLAR AND ANNEX		
022	P061 P062 P063 P064 P065 P066	Six (6) Chip Washers	BACT	89LR410-02
033	P067	170 Beechwood Chip Tanks	BACT	None(*)(***)
	P667	18 Large Unitanks; 2 Small Unitanks	BACT	None**
		AREA 7 – SCHOENE AND FINISHING		
050	P33	Fifty (50) Schoene/Finishing Tanks	BACT	None(*)(**)
	P68 & P69	Two (2) Yeast Separators	BACT	None(**)
	P34	Schoene Cooler/Receiver	BACT	None(**)
		AREA 8 – PACKAGING AND SHIPPING		
034	P081 P082 P083 P084 P085 P087 P088 P089	Bottle and Can Filler Lines (4 can/4 bottle)	BACT	None(*)(***)
043	P086	Ink Coding Process	BACT	None*
		AREA 9 – UTILITIES		

001-oil 002 - gas	B091 B092 B093 B094	Four (4) 99 mmBtu/hour Boilers	Good Combustion Practices	83LR045-01 PSD Permit
012	P095 P096 P995	Three (3) Whittemen Hasselberg CO_2 Regeneration Systems	Uncontrolled	83LR045-12***
	P097	Carbon Filtration Tower	Uncontrolled	None**
		AREA 13 - WASTEWATER PUMPING STATION		
044	P131	Wastewater Influent Screens	BMP	None*
		AREA 14 – ALCOHOL DISTILLATION		
019	P141	APV Crepaca Alcohol Distillation Unit with molecular sieve, Ethanol Truck Loadout and 3,000 gallon Denaturant Tank (natural gasoline)	BACT (distillation process) Vapor Recovery Unit (molecular sieve, truck loadout and denaturant receiving) Stage I Vapor Control System and Submerged Fill Pipe (Denaturant Tank receiving)	85LR127-01
		AREA 18 - FUEL STORAGE AREA		
020	T181	Fuel Oil Storage Tank (600,600 Gallons)	Uncontrolled	83LR045-13

*These sources were not issued previous Construction Permits. The permittee submitted the appropriate forms and analyses, and the applicable requirements are incorporated directly into this operating permit.
** These are new equipment authorized and added as requested in 9/28/01 PSD application submittal. While not yet installed in every case, this new equipment is authorized and incorporated directly into the operating permit. Once installed, this new equipment must be operated in accordance with the limits herein specified.
***The 9/28/01 PSD application submittal requested and this permit authorizes the addition of new equipment to existing process equipment.

5. Alternate Operating Scenarios

The permittee shall be allowed to make the following changes to its method of operation without applying for a revision of this permit. See Section II for specific permit terms applicable to these alternate scenarios.

5.1 Alcohol Distillation Unit Maintenance and Repair

5.1.1 In the event that maintenance or repairs make it necessary to shut down the Alcohol Distillation Unit (Facility Identifier P141), and the capacity of the tanks upstream of the distillation unit is insufficient to contain the process wastewater, the streams identified in Section II, Condition 8.31. of this permit may be routed to the Brewery's pretreatment facility and sent to Nutri-Turf for land application. In such cases, the Alcohol Distillation Unit shall be returned to service as soon as is practicable.

5.1.2 All emission limits in this operating permit shall be met. Emissions shall be estimated as set forth in Section II, Condition 7.

5.1.3 Records of the following information shall be maintained and made available to the Division for inspection upon request: date, time and duration of shutdown of the Alcohol Distillation Unit; a description of maintenance/repairs made; amount of material routed to the Brewery's pretreatment facility; and emission calculations.

5.1.4 The permittee shall, contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility a record of the scenario under which it is operating. (Colorado Regulation No. 3, Part A, IV.A.1, as referred to in Part C, V.C.14). This log shall be made available to the Division for inspection upon request.

6. Compliance Assurance Monitoring (CAM)

6.1 The following emission points at this facility use a control device to achieve compliance with an emission limitation or standard to which they are subject and have pre-control emissions that exceed or are equivalent to the major source threshold. They are therefore subject to the provisions of the CAM program as set forth in 40 CFR Part 64 as adopted by reference into Colorado Regulation No. 3, Part C, Section XIV:

None. No add on control equipment is used to meet an emission limit or standard.

SECTION II - Specific Permit Terms

1. Compliance Monitoring Plan

1.1 This permit refers to the most recent Division-approved Compliance Monitoring Plan. The most recent approved plan, as of the date of this permit issuance, is attached to this permit as Appendix H. The plan is state and federally enforceable. The plan may be modified in accordance with the procedures set forth in Colorado Regulation No. 3, Part C. The Division shall review all proposed changes for approval, and will determine whether or not this permit must be modified or reopened under the provisions of Colorado Regulation No. 3, Part C.

2. AREA 2 - GRAINS HANDLING
P021 - Grain Unloading
P022 -Barley Malt Conveyor
P023 -Rice Grain and Grits Conveyor
P024 -Grain Transfer and Storage #1
P222 – Barley Malt Conveying #2
P223 – Rice Grain and Grits Conveying #2
P224 – Grain Transfer and Storage #2
P025 -Grain Milling and Weighing #1
P225 - Grain Milling and Weighing #2

Table 2

Parameter	Permit Condition Number	Limitations		Emission Factors	Monitoring	
					Method	Interval
Process Throughput	2.1.	P021 – Unloading	Barley malt and rice: 525,600 tons/year		Recordkeeping	Monthly
		P022 – Conveying #1	Barley malt and rice: 219,000 tons/year			
		P023 – Conveying #1	Rice and grits: 131,400 tons/year			
		P024 – Transfer & Storage #1	Grains: 350,400 tons/year			
		P222 – Conveying #2	Barley Malt: 131,400 tons/year			
		P223 – Conveying #2	Rice and grits: 65,700 tons/year			
		P224 – Transfer & Storage #2	Grains: 197,100 tons/year			

Parameter	Permit Condition Number	Limitations		Emission Factors	Monitoring	
					Method	Interval
		P025 – Milling & Weighing #1	Barley malt: 219,000 tons/year Rice and grits: 131,400 tons/ year			
		P225 – Milling & Weighing #2	Barely malt: 131,400 tons/year Rice and grits: 65,700 tons/year			

Parameter	Permit Condition Number	Limitations		Emission Factors[1]	Monitoring	
					Method	Interval
PM & PM_{10}	2.2	P021	3.2 tons/year	2% by weight or 4 lbs/ton	Calculation Recordkeeping	Annually Monthly
		P022	1.3 tons/year			
		P023	0.8 tons/year			
		P222 P223	1.2 tons/year			
		P024	1.1 tons/year	1% by weight or 2 lbs/ton		
		P224	0.6 ton/year			
		P025	4.0 tons/year	Barley malt: 3% by weight or 6 lbs/ton		
		P225	2.2 tons/year	Rice: 5% by weight or 10 lbs/ton		
PM (BACT) (Grain Handling Equipment #1 – P021, P022, P023, P024, P025)	2.3	0.020 grain/scf			Stack Test Baghouse Maintenance and Inspection	Once Per Permit Term See Section II Condition 2.3
Opacity (BACT) (Grain Handling Equipment #1 – P021, P022, P023, P024, P025)	2.4	Not to exceed 20%			Method 9 Baghouse O&M	SemiAnnually
Opacity (Grain Handling Equipment #1 – P021, P022, P023, P024, P025 and Grain Handling #2 Equipment – P222, P223, P224, P225)	2.5	Except as provided for in Condition 2.6, not to exceed 20%				

Parameter	Permit Condition Number	Limitations	Emission Factors[1]	Monitoring	
				Method	Interval
Opacity (Grain Handling #2 Equipment – P222, P223, P224, P225)	2.6	For Certain Operating Conditions – Not to exceed 30% for period or periods aggregating more than six minutes in any sixty consecutive minutes			
	2.7	Not to exceed 20% (**State Only**)			

[1]Emission factors are based on engineering judgement.

Compliance with the applicable requirements in Section II, Condition 2.1 through 2.7 shall be monitored as set forth in the Compliance Monitoring Plan (Appendix H).

2.1 Throughput of grains shall not exceed the limits listed in the above table. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days after the last day of each month a new twelve month total is calculated using the previous twelve months' data. (Construction Permits 83LR045 (2), (3), (4), (5), and (6) (as modified under the provisions of Section 1, Condition 1.3))

2.2 Annual emissions of PM and PM_{10} shall not exceed the limits listed in the above table. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days after the last day of each month a new twelve month total shall be calculated using the previous twelve months' data. (PM - Construction Permits 83LR045 (2), (3), (4), (5), and (6). PM_{10} limits are incorporated directly into this operating permit.)

2.3 Bagfilters shall be used, and the exhaust from the baghouses shall contain no more than 0.020 gr/scf of particulates (applies to P021 through P025). (BACT - PSD Permit).

2.4 Opacity shall not exceed 20%. This limit applies to P021 through P025. (Construction Permits 83LR045 (2), (3), (4), (5), and (6), and PSD Permit).

2.5 Except as provided in Condition 2.6, below, no owner or operator of a source shall allow or cause the emission into the atmosphere of any air pollutant which is in excess of 20% opacity. This standard is based on 24 consecutive opacity readings taken at 15-second intervals for six minutes. The approved reference test method for visible emissions measurement on which these standards are based is EPA Method 9 (40 CFR, Part 60, Appendix A (July, 1992)). (Colorado Regulation No. 1, II.A.1)

2.6 No owner or operator of a source shall allow or cause to be emitted into the atmosphere any air pollutant resulting from the building of a new fire, cleaning of fire boxes, soot blowing, start-up, any process modification, or adjustment or occasional cleaning of control equipment, which is in excess of 30% opacity for a period or periods aggregating more than six minutes in any sixty consecutive minutes. (Colorado Regulation No. 1, II.A.4)

2.7 Opacity of emissions shall not exceed 20% (Colorado Regulation No. 6, Part B, III.C.3 – **State-only** requirement).

This opacity limit applies at all times except during periods of startup, shutdown, and malfunction, however, at all times, the permittee shall use good operating practices as required by Condition 14 of this permit. The permitee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in operation of these sources, and any malfunction of the air pollution control equipment. (40 CFR Part 60, Subpart A, as adopted by reference in Colorado Regulation No. 6, Part B, I.A)

3. BREWING (Areas 3, 4, 5, 6 and 7)

AREA 3 - Brewhouse
P031,032,033,034, 331, 332, 333 - Seven (7) Mash Cookers
P035,036, 335 - Three (3) Huppman Lauter Tubs
P037,038,039, 337, 338 - Five (5) 24,335 Gallon Huppman Brewkettles

AREA 4 – Starting Cellar
P041, P042, and P441: Three (3) Wort Aerators

AREA 5 – Fermenting Cellar
P051 and P052 - Alpha Drop Receivers
P551 – Thirty three (33) Alpha Fermentation Tanks

AREA 6 – Chip Cellar and Annex
P061 through P066 - Six (6) Chip Washers
P067 - 170 Beechwood Chip Tanks
P667 -Eighteen (18) Large Unitanks and Two (2) Small Unitanks

AREA 7 – Schoene and Finishing
P 33 Schoene/Finishing Tanks
P68 & P69 Two (2) Yeast Separators
P34 -Schoene Cooler/Receiver

Table 3

Parameter	Area	Permit Condition Number	Limitations		Emission Factors	Monitoring	
						Method	Interval
Production Rate	3, 4, 5, 6, 7	3.1	13.5 x 10^6 barrels of beer/year			Recordkeeping	Monthly
VOC Emissions	3	3.2	P031-034, 331-333	1.9 tons/year	0.275 lb/10^3 bbls[1]	Recordkeeping Calculation	Monthly Annually
			P035,036, 335	4.3 tons/year	0.631 lb/10^3 bbls[1]		
			P037-039, 337, 338	11.0 tons/year	1.634 lb/10^3 bbls[1]		
	4		P041, P042, P441	5.5 tons/year	0.817 lb/10^3 bbls[2]		
	5		P051, P052	5.1 tons/year	0.760 lb/10^3 bbls[3]		
			P551	18.6 tons/year	2.76 lbs/10^3 bbls[3]		

			P34 – Scheone Cooler/Receiver	8.7 tons/year	1.29 lbs/10^3 bbls[1]		
	6		P061 – P066	6.5 tons/year	0.963 lb/10^3 bbls[1]		
			P067 & P667	23.8 tons/year	3.531 lbs/10^3 bbls[3]		
	7		P33	8.7 tons/year	1.29 lbs/10^3 bbls[1]		
VOC – BACT	4, 5, 6, 7	3.3	Efficient Process Operation			Written procedures for preventing and reducing VOC emissions	Reviewed for Each Permit Renewal

[1]Characterization of Fermentation Emissions from California Breweries, Section 1.2.5.3, California Air Resources Board, October 26, 1983
[2]Engineering judgement is that an emission rate of 50 percent of the kettle factor is appropriate
[3]Coors Source Test Results, March 3, 1993

Compliance with the applicable requirements in Section II, Conditions 3.1 through 3.3 shall be monitored as set forth in the Compliance Monitoring Plan (Appendix H).

3.1 Beer packaged shall not exceed 13.5 x 10^6 barrels/year. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days after the last day of each month a new twelve month total is calculated using the previous twelve months data. (Construction Permits 89LR410(01), and 83LR045 (10) and (11), revised per Section I, Condition 1.3 of this permit)

3.2 Emissions of VOCs shall not exceed the limits listed in the table above. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days after the last day of each month a new twelve month total is calculated using the previous twelve months' data. (Construction Permits 89LR410(01), and 83LR045 (10) and (11), as modified under the provisions of Section 1, Condition 1.3)

3.3 Efficient process operation represents BACT for these sources. Such procedures shall be followed by the brewery personnel. (incorporated directly into this Operating Permit, through a combined construction/operating permit procedure)

4. AREA 8 - Packaging and Shipping
P080 - P085, P087-P089 - Bottle and Can Filler Lines
P086 - Ink Coding Process

Table 4

Parameter	Permit Condition Number	Limitations	Emission Factors	Monitoring	
				Method	Interval
Production Rate	4.1	Total for all filling lines: 13.5 x 10^6 bbls/year		Recordkeeping	Monthly

VOC Emissions	4.2	Total for all filling lines: 93.2 tons/year	13.8 lbs/10^3 bbls[1]	Recordkeeping Calculation	Monthly Annually
		P086: 10.0 tons/year	Mass Balance		
VOC – BACT	4.3	P081 - P085: Process Loss Tracking and Improvement		Written Procedures	Reviewed Each Permit Renewal
		P086: No Control			

[1]Stationary Source Sampling Report – Anheuser Busch Brewery, Fort Collins, Colorado, Entropy, Inc., July, 1994

Compliance with the applicable requirements in Section II, Conditions 4.1 through 4.3 shall be monitored as set forth in the Compliance Monitoring Plan (Appendix H).

4.1 Packaging of beer shall not exceed 13.5 x 10^6 bbls/year. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days after the last day of each month a new twelve month total is calculated using the previous twelve months' data. (Incorporated directly into this operating permit through a combined construction/operating permit process, based on information provided in construction permit and PSD application)

4.2 VOC emissions shall not exceed the limits listed in the table above. Compliance with the annual limit shall be determined on a rolling 12 month total. Within thirty days after the last day of each month a new twelve month total is calculated using the previous twelve months' data. (incorporated directly into this permit based on Construction Permit and PSD permit application information)

4.3 Pollution Prevention through a Process Loss Tracking and Improvement plan represents BACT for the filling operations. Such procedures shall be followed by Area 8 personnel. (incorporated directly into this Operating Permit, through a combined construction/operating permit procedure)

5. AREA 9 - Utilities
B091 - B094 - Four (4) 99 mmBtu/hour Boilers
Natural Gas and Diesel Fuel Fired

Table 5

Parameter	Permit Condition Number	Limitations[1]	Emission Factors	Monitoring	
				Method	Interval
Particulate Matter (PM and PM_{10})	5.1.1 5.1.2	174.8 tons/year 0.1 lb/mmBtu (BACT)	Natural Gas: 7.6 lbs/10^6 scf Diesel Fuel: 2 lbs/10^3 gal	Recordkeeping or Source Testing Calculation and Recordkeeping	Monthly Annually
SO_2	5.2.1 5.2.2 5.2.3	1387.6 tons/year 316.8 lbs/hour Diesel Fuel: 0.8 lb/mmBtu		Fuel Sampling and Recordkeeping	See Section II Condition 5.2
NO_x	5.3.1 5.3.2 5.3.3	520.3 tons/year 118.8 lbs/hour Natural Gas: 0.2 lb/mmBtu Diesel Fuel: 0.3 lb/mmBtu (BACT)	CEM	Continuous Emission Monitor	Continuous
VOC	5.4.1 5.4.2	13.1 tons/year 2.4 lbs/hour	Natural Gas: 5.5 lbs/10^6 scf Diesel Fuel: 0.2 lb/10^3 gallons	Recordkeeping and Calculation	Monthly and Annually
CO	5.4.1 5.4.2	63.9 tons/year 13.9 lbs/hour	Natural Gas: 0.084 lb/ mmBtu Diesel Fuel: 0.036 lb/mmBtu	Recordkeeping and Calculation	Monthly and Annually

Parameter	Permit Condition Number	Limitations[1]	Emission Factors	Monitoring	
				Method	Interval
Fuel Use	5.5	Natural Gas: 443.450 x 10^3 scf/hour and 3884.6 x 10^6 scf/year Diesel Fuel: 2,750 gallons/hour and 24,090 x 10^3 gallons/year		Recordkeeping	Monthly And Hourly
Sulfur Content	5.6	0.726% (weight)		Fuel Sampling	See Section II, Condition 5.6
Fuel Sampling	5.7			ASTM Methods	See Section II, Condition 5.7
Continuous Emission Monitoring Requirements	5.8			See Condition 5.8	
Opacity – BACT	5.9	10%		Natural Gas as Fuel Diesel: Method 9	See Section II, Condition 5.9
Total Boiler Heat Input	5.10	396 x 10^6 Btu/hour		Fuel Sampling and Recordkeeping	Hourly
Opacity	5.11	Except as provided for in Regulation No. 1, II.A.4, not to exceed 20%		Natural Gas as Fuel Diesel: Method 9	See Section II, Condition 5.9
	5.12	During certain operating conditions – not to exceed 30%			
	5.13	Not to exceed 20% - **State-Only**			

[1] Limits are totals for all fuels, for B091 through B094.

Compliance with the applicable requirements in Section II, Conditions 5.1 through 5.13 shall be monitored as set forth in the Compliance Monitoring Plan (Appendix H).

5.1 PM emissions shall not exceed the following limits:

5.1.1 Annual PM emissions from B091-B094 shall not exceed 174.8 tons/year (Construction Permit 83LR045(1)). Compliance with the annual limits shall be demonstrated on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data.

5.1.2 PM emissions shall not exceed 0.1 lb/mmBtu. This emission limit applies at all times except during malfunction or upset conditions caused by events beyond the control of the permittee. (incorporated directly into this Operating Permit, based on Initial Construction Permit 83LR045(1) and the preliminary analysis for the Initial Construction Permit, which indicates this emission limit represents BACT for these boilers. This value was also used to determine the emission limits set forth in 5.1.1, above).

5.2 SO_2 emissions shall not exceed the following standards.

5.2.1 1387.6 tons/year (Construction Permit 83LR045(1)). Compliance with the annual limit shall be demonstrated on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data.

5.2.2 316.8 lbs/hour. (PSD permit)

5.2.3 0.8 lb/mmBtu when burning fuel oil (Colorado Regulation No. 6, Part B, II.D.2.a, Colorado Regulation No. 1 VI.B.4.b(I) and Construction Permit 83LR045(1)).

5.3 NO_x emissions shall not exceed the following limits.

5.3.1 520.3 tons/year(Construction Permit 83LR045(1), as revised according to Section I, Condition 1.3 of this permit).

5.3.2 118.8 lbs/hour (PSD permit, as converted from grams/second units).

5.3.3 0.20 lb/mmBtu heat input when natural gas is used, and 0.30 lb/mmBtu heat input when residual oil is used (PSD permit - BACT). These limits apply at all times, except during malfunction or upset conditions caused by events beyond the control of the permittee.

5.4 VOC and CO emissions shall not exceed the following limits.

5.4.1 13.1 tons VOC/year and 63.9 tons CO/year (Construction Permit 83LR045(1), as revised according to Section I, Condition 1.3 of this permit).

5.4.2 2.4 lbs VOC/hour and 13.9 lbs CO/hour. (PSD Permit)

5.5 Fuel usage shall not exceed the limits listed above. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data. (Construction Permit 83LR045(1), hourly limits maintained to monitor compliance with PSD permit short term emissions limits).

5.6 Sulfur content of the fuel shall not exceed 0.726% by weight (Construction Permit 83LR045(1), as modified under the provisions of Section 1, Condition 1.3).

5.7 The heat content for the diesel fuel shall be the average heat content of the diesel fuel over the semi-annual period.

The heat content of the natural gas shall be the average heat content of the natural gas over an annual period. Alternatively, vendor receipts, invoices, contracts or other similar information may be used to provide the heat content value. Such alternative information shall indicate that the fuel sampling and analysis has been performed in accordance with appropriate ASTM procedures, or equivalent, if approved in advance by the Division.

5.8 Continuous Emission Monitoring System

Continuous Emission Monitoring (CEM) systems are required for measurement of the stack NOX (and diluent monitor for either CO_2 or O_2) emissions. The CEM systems shall be operated as set forth in the Compliance Monitoring Plan (Appendix H).

5.9 All boiler stacks shall be limited to a maximum opacity of 10%. This emission limit applies at all times except during malfunction or upset conditions caused by events beyond the control of the permittee. (PSD Permit) (See Condition 14)

5.10 Heat input shall not exceed a total of 396 x 10^6 BTU/hour for the four boilers combined. Compliance with the annual limit shall be determined on a rolling twelve month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data. (Construction Permit 83LR045-1)

5.11 Except as provided in Condition 5.12, below, no owner or operator of a source shall allow or cause the emission into the atmosphere of any air pollutant which is in excess of 20% opacity. This standard is based on 24 consecutive opacity readings taken at 15-second intervals for six minutes. The approved reference test method for visible emissions measurement on which these standards are based is EPA Method 9 (40 CFR, Part 60, Appendix A (July, 1992)). (Colorado Regulation No. 1, II.A.1)

5.12 No owner or operator of a source shall allow or cause to be emitted into the atmosphere any air pollutant resulting from the building of a new fire, cleaning of fire boxes, soot blowing, start-up, any process modification, or adjustment or occasional cleaning of control equipment, which is in excess of 30% opacity for a period or periods aggregating more than six minutes in any sixty consecutive minutes. (Colorado Regulation No. 1, II.A.4)

5.13 Opacity of emissions shall not exceed 20% (Colorado Regulation No. 6, Part B, III.C.3 – **State-only** requirement).

This opacity limit applies at all times except during periods of startup, shutdown, and malfunction, however, at all times, the permittee shall use good operating practices as required by Condition 14 of this permit. The permitee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in operation of these sources, and any malfunction of the air pollution control equipment. (40 CFR Part 60, Subpart A, as adopted by reference in Colorado Regulation No. 6, Part B, I.A)

6. Area 9 - Utilities
P095, P096, and P995 – Three (3) Whittemen Hasselberg CO_2 Regeneration Systems

P097 - Carbon Filtration Tower

Table 6

Parameter	Permit Condition Number	Limitations	Emission Factors	Monitoring	
				Method	Interval
Production Rate	6.1	13.5 x 10^6 bbls/year		Recordkeeping	Monthly
VOC Emissions	6.2	4.5 tons/year	0.66 lb/10^3 bbl[1]	Recordkeeping Calculation	Monthly Annually

[1]Characterization of Fermentation Emissions from California Breweries, Section 1.2.5.3, California Air Resources Board, October 26, 1983

Compliance with the applicable requirements in Section II, Conditions 6.1 and 6.2 shall be monitored as set forth in the Compliance Monitoring Plan (Appendix H).

6.1 Beer packaged shall not exceed 13.5 x 10^6 bbls/year. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data. (Construction Permit 83LR045(12), revised per Section I, Condition 1.3 of this permit)

6.2 VOC emissions shall not exceed the limit provided in the table above. Compliance with the annual limit shall be determined on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data. (Construction Permit 83LR045(12), revised per Section I, Condition 1.3 of this permit)

7. AREA 13 - Wastewater Pumping Station
P131 - Wastewater Influent Screens

Parameter	Permit Condition Number	Limitations	Emission Factors	Monitoring	
				Method	Interval
Production Rate	7.1	13.5 x 10^6 bbls/year		Recordkeeping	Monthly
VOC Emissions	7.2	5.0 tons/year	0.74 lb/10^3 bbl[1]	Recordkeeping Calculation	Monthly Annually

[1]Summary Report on Diagnostic Testing, Clean Air Engineering, October 29, 1992

Compliance with the applicable requirements in Section II, Conditions 7.1 and 7.2 shall be monitored as set forth in the Compliance Monitoring Plan (Appendix H).

7.1 Beer packaged shall not exceed 13.5 x 10^6 barrels/year. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data. (incorporated directly into this Operating Permit, according to Section I, Condition 1.3 of this permit)

7.2 VOC emissions shall not exceed the limit provided in the table above. Compliance with the annual limit shall be determined on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data. (incorporated directly into this Operating Permit, according to Section I, Condition 1.3 of this permit)

8. AREA 14 - Alcohol Distillation
P141 - APV Crepaca Alcohol Distillation Unit with Molecular Sieve, Ethanol Truck Loadout and 3,000 gallon Denaturant Tank (natural gasoline)

Table 8

Parameter	Permit Condition Number	Limitations		Emission Factors[1]	Monitoring	
					Method	Interval
Production and Throughput Rates	8.1	P141			Recordkeeping	Monthly

VOC Emissions	8.2	P141		Distillation Condenser Vents: 3.3 lbs/ton Distillation Tanks: 0.02 lb/ton Sieve Regeneration: 0.234 lbs/ton Denaturant Receiving: 0.002 lbs/ton Denaturant Storage: 0.225 lb/ton Truck Loadout: 0.09 lb/ton	Recordkeeping Calculation	Monthly Annually
BACT	8.3	Ethanol Recovery				
Transfer of Gasoline	8.4				See Condition 8.4	
Equipment Requirements (Denaturant Tank)	8.5				Certification	Annually
Vapor Control System (Denaturant Tank)	8.6				Certification	Annually

[1]AP-42, Section 4.7 and 5.2

Compliance with the applicable requirements in Section II, Conditions 8.1 through 8.3 shall be monitored as set forth in the Compliance Monitoring Plan (Appendix H).

8.1 Records of the monthly amount of ethanol processed for recovery and the amount of natural gasoline received in the Denaturant Tank shall be maintained and made available for inspection upon request. (Construction Permit 85LR126(1), revised in accordance with Section I, Condition 1.3 of this permit)

8.2 For APEN reporting and fee purposes, VOC emissions shall be estimated as set forth in the Compliance Monitoring Plan (Appendix H).

8.3 The permittee shall implement the following measures, which represent BACT for VOC emissions.

8.3.1 The following streams shall be directed to the distillation unit for ethanol recovery: the resulting stream from the centrifuges that are installed after the chip operation and ahead of Schoene operations to remove chip yeast and protein from the beer; Schoene sludge; O'Douls alcohol removal stream; filler line spillage; bottle/can crusher; waste alpha yeast; and packaging waste beer stream. (See Alternate Operating Scenario listed in Section I, Condition 5.1 of this permit)

8.3.2 The permittee shall automate the drawoff of stills bottoms to reduce ethanol loss.

8.3.3 The initial rinse water for the still bottoms shall be collected for processing.

8.4 The owner or operator of storage tanks at a gasoline dispensing facility (service station) or other facility not addressed in Subsections VI.C.2 or VI.C.3, which receives and stores petroleum liquid, shall not allow the transfer of petroleum liquid from any delivery vessel into any tank unless the tank is equipped with a submerged fill pipe and the vapors displaced from the storage tank during filling are processed by a vapor control system. (Regulation No. 7, Section VI.B.3.b) **State-only enforceable**

8.5 Tanks equipped with a submerged fill pipe shall meet the specifications of Regulation 7 Appendix B (Regulation No. 7 Section VI.B.3.c) **State-only enforceable**

8.6 The vapor control system identified in Condition 8.4 of this permit is subject to the following requirements (**State-only enforceable)**:

8.6.1 The vapor control system shall include a vapor-tight line from the storage tank to delivery vessel (i.e. an approved control system) (Regulation No. 7, Section VI.B.3.d.(i))

8.6.2 The owner or operator shall ensure that operating procedures are used so that gasoline cannot be transferred into the tank unless the vapor control system is in use. (Regulation No. 7, Section VI.B.3.e)

9. AREA 18 - Diesel Fuel Storage Area
T181 - Diesel Fuel Storage Tank, 600,600 Gallons

Table 9

Parameter	Permit Condition Number	Limitations	Emission Factors	Monitoring	
				Method	Interval
Fuel Stored and Throughput Rate	9.1	24,090 x 10^3 gallons diesel fuel oil per year		Recordkeeping	Monthly
VOC Emissions	9.2	3.37 tons/year	EPA TANKS (Version 2.0 or higher)	Recordkeeping Calculation	Monthly Annually

Compliance with the applicable requirements in Section II, Conditions 9.1 through 9.3 shall be monitored as set forth in the Compliance Monitoring Plan (Appendix H).

9.1 Only diesel fuel may be stored in this storage tank. Throughput of fuel oil shall not exceed 24,090 x 10^3 gallons/year. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data. (Construction Permit 83LR045(13), as modified according to Section I, Condition 1.3 of this permit)

9.2 VOC emissions shall not exceed 3.37 tons/year. Compliance with the annual limits shall be determined on a rolling 12 month total. Within thirty days of the end of each month a new twelve month total is calculated using the previous twelve months' data. (Construction Permit 83LR045(13))

10. Construction Permit Exempt Sources
Ammonia Refrigeration System

These sources are exempt from Construction Permit requirements, however, an APEN is required.

11. Good Operating Practices (PSD Permit)

At all times, including periods of start-up, shutdown, and equipment malfunctions, owners and operators shall maintain and operate the facility in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating maintenance procedures are being used will be based on information available to the Division, which may include, but not be limited to, monitoring results, review of operating and maintenance procedures, and inspections of the source.

12. PSD Permit Excess Emissions Reporting

The emission limits which were taken from the PSD Permit are subject to the following requirement. The following emission limits are subject to this Condition 12: Section II, Condition 2.3, PM emission limit for P021 through P025; Condition 2.4, opacity limit for P021 through P025; Condition 5.1.2, PM emission limit for B091 through P094; Condition 5.2.2, SO_2 emission limit for B091 through P094; Conditions 5.3.2 and 5.3.3, NOx emission limit for B091 through B094; Condition 5.4.2, VOC emission limit for B091 through B094; and Condition 5.9, opacity limit for B091 through B094. (PSD Permit)

The permittee shall notify the Division not more than 48 hours after discovery (or as soon as possible) of any excess emissions including periods of startup, shutdown, equipment malfunctions, or process upset. Not more than 10 days after discovery, all of the following shall be provided the Division in writing:

a. The identity of the stack or other emission point where excess emissions occurred.

b. The magnitude of excess emissions expressed in terms of permit conditions.

c. Pertinent operating data during the time of the excess emissions.

d. The time and duration of excess emissions.

e. The identity of the equipment or process causing the excess and the suspected reasons for the excess emissions.

f. Steps and procedures taken during the period to minimize excess emissions.

g. Steps and procedures taken or anticipated to be taken to prevent recurrence of the excess emissions.

If the Division determines that the information submitted does not evidence malfunction or upset condition, failure to meet PSD Permit limitations described in this permit will be considered a violation.

13. Insignificant Activities

13.1 The permittee shall at least annually review and determine whether the insignificant activities are in compliance with all applicable requirements. The permittee shall maintain a record of the compliance determination, and any additions, deletions or changes to the insignificant source inventory made during the reporting period. The inventory of insignificant sources provided in the permit application is included in Appendix A of this permit as a starting reference.

14. Reporting

All reports shall be postmarked within the first thirty (30) days immediately following the end of the reporting period, unless a different time is identified elsewhere in this permit. A list of required reports is included in Appendix G of this permit. The compliance monitoring report shall be in the format identified in Appendix B of this permit.

15. New Construction Requirements

15.1 The permittee shall notify the Division 30 days prior to startup of new/modified equipment. (Colorado Regulation No. 3, Part B, IV.H.1)

15.2 Construction of new/modified sources must commence within 18 months of issuance of this modified permit, or within 18 months of the date on which such construction or activity was scheduled to commence as stated in the application. If commencement does not occur within the stated time the permit will expire. (Colorado Regulation No. 3, Part B, IV.G.4)

16. Post Construction Ambient Monitoring

The permittee, shall, after construction of the PSD Modification associated with an increase in beer production from 6.8 to 13.5 million barrels per year, conduct ambient monitoring for ozone, from March 1 through September 30 for the year following completion of construction. At least six (6) months prior to completion of construction, the permittee shall submit a monitoring plan for Division review and approval. (Colorado Regulation No. 3, Part B, IV.D.3.(a)(iv))

SECTION III - Permit Shield

Regulation No. 3, 5 CCR 1001-5, Part C, §§ I.A.4, V.D. & XIII.B; §25-7-114.4(3)(a), C.R.S.

1. Specific Non-Applicable Requirements

Based upon information available to the Division and supplied by the applicant, the following parameters and requirements have been specifically identified as non-applicable to the facility to which this permit has been issued. This shield does not protect the source from any violations that occurred prior to or at the time of permit issuance. In addition, this shield does not protect the source from any violations that occur as a result of any modifications or reconstruction on which construction commenced prior to permit issuance.

Emission Unit Description & Number	Applicable Requirement	Justification
Facility-Wide	40 CFR Part 60, Subpart A, as adopted by reference in Colorado Regulation No. 6, Part A (except for B991)	None of the units at this facility are subject to any New Source Performance Standards.
	Colorado Regulation No. 6, Part B, I.A (refers to 40 CFR Part 60, Subpart A) (except for B991)	This facility existed before this requirement was added to Regulation No. 6, therefore Subpart A does not apply
	40 CFR Part 72 - 78, as adopted by reference in Colorado Regulation No. 18	There are no affected units subject to the Acid Rain Provisions at this facility.
	40 CFR Part 82, Subpart E, as adopted by reference in Colorado Regulation No. 15	Product does not contain or is not made with ozone depleting compounds
	Colorado Regulation No. 1, III.D.2.c	Facility (including packaging operations) is not a material storage and handling operation which results in fugitive dust emissions
	Colorado Regulation No. 8, Parts A and C	Facility is not subject to listed NESHAPS and facility is not a stationary source of lead
	40 CFR Part 61, as adopted by reference in Colorado Regulation No. 8, Part B	Facility is not subject to listed NESHAPS
	PSD Permit VOC emission limits	Due to revised emission factors, these limits are no longer valid
Area 5 - P053 - Fermentation Tanks	Colorado Regulation No. 7 – Sections V, VI.B, and VII.C	This is not a VOC disposal operation, and petroleum and crude oil are not being stored. All other provisions in Regulation No. 7 do not apply, because this facility is not located in an ozone nonattainment area
	40 CFR Part 60, Subpart Kb – Standards of Performance for VOL Storage Vessels, as adopted by reference in Colorado Regulation No. 6, Part A	This subpart does not apply to storage of beverage alcohol
Area 6 - P067 - Beechwood Chip Tanks	Colorado Regulation No. 7 – Sections V, VI.B, and VII.C	This is not a VOC disposal operation, and petroleum and crude oil are not being stored. All other provisions in Regulation No. 7 do not apply, because this facility is not located in an ozone nonattainment area
	40 CFR Part 60, Subpart Kb – Standards of Performance for VOL Storage Vessels, as adopted by reference in Colorado Regulation No. 6, Part A	This subpart does not apply to storage of beverage alcohol
Area 7 - T071	40 CFR Part 60, Subpart Kb – Standards of Performance for VOL Storage Vessels, as adopted by reference in Colorado Regulation No. 6, Part A	Tank size is < $40m^3$
Area 8 - P086 - Ink Coding Process	Colorado Regulation No. 7	The provisions apply in nonattainment areas only, except for VOC disposal and certain storage provisions, which do not apply to this process
	40 CFR Part 60, Subpart WW – Standards of Performance for the Beverage Can Surface Coating Industry, as adopted by reference in Colorado Regulation No. 6, Part A	This subpart applies only to beverage can exterior base coating, overvarnish, and inside spray coating processes, which do not occur at this facility

Emission Unit Description & Number	Applicable Requirement	Justification
Area 9 - Utilities – Boilers	Colorado Regulation NO. 1, IV.B – COM and SO_2 CEMs Colorado Regulation No. 6, Part B, II.D.2.b and c. - SO_2 limit	Each unit is <250 mmBtu/hour
	Colorado Regulation No. 1, VI.B.4.b(ii) - SO_2 limit	Each unit is < 250 mmBtu/hour
	40 CFR Part 60, Subpart D, Db, and Dc (except for B991), as adopted by reference in Colorado Regulation No. 6, Part A	Each unit is < 250 or 100 mmBtu/hour, and each unit was an existing source as of the Dc effective date of June 8, 1989
Area 14 - Alcohol Distillation	T143, T144 - 40 CFR Part 60, Subpart Kb, as adopted by reference in Colorado Regulation No. 6, Part A	These tanks store beverage alcohol, which is exempt from Subpart Kb
	T145, T146, T149, T140 - 40 CFR Part 60, Subpart Kb, as adopted by reference in Colorado Regulation No. 6, Part A	These tanks are < $40m^3$ in size
	T147, T148 - 40 CFR Part 60, Subpart Kb, as adopted by reference in Colorado Regulation No. 6, Part A, except 116b(b)	Vapor pressure of tanks is < 0.5 psia @ 20 C
Area 18 - Fuel Storage Area - T181	Colorado Regulation No. 7, VI.B.2.a	Vapor pressure of fuel oil is 6×10^{-5} psia @ 20C
	Colorado Regulation No. 7, VI.B.2.c	Storage tank has a fixed roof
	40 CFR Part 60, Subpart Ka, as adopted by reference in Colorado Regulation No. 6, Part A	Diesel fuel is exempt from Ka
	40 CFR Part 60, Subpart Kb (except 116b(b)) as adopted by reference in Colorado Regulation No. 6, Part A	Vapor pressure is < 3.5 kpa

2. General Conditions

Compliance with this Operating Permit shall be deemed compliance with all applicable requirements specifically identified in the permit and other requirements specifically identified in the permit as not applicable to the source. This permit shield shall not alter or affect the following:

2.1 The provisions of §§ 25-7-112 and 25-7-113, C.R.S., or § 303 of the federal act, concerning enforcement in cases of emergency;

2.2 The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

2.3 The applicable requirements of the federal Acid Rain Program, consistent with § 408(a) of the federal act;

2.4 The ability of the Air Pollution Control Division to obtain information from a source pursuant to § 25-7-111(2)(I), C.R.S., or the ability of the Administrator to obtain information pursuant to § 114 of the federal act;

2.5 The ability of the Air Pollution Control Division to reopen the Operating Permit for cause pursuant to Regulation No. 3, Part C, § XIII.

2.6 Sources are not shielded from terms and conditions that become applicable to the source subsequent to permit issuance.

3. Streamlined Conditions

The following applicable requirements have been subsumed within this operating permit using the pertinent streamlining procedures approved by the U.S. EPA. For purposes of the permit shield, compliance with the listed permit conditions will serve as a compliance determination for purposes of the associated subsumed requirements.

Source	Requirement	Justification
Area 2 - Grains Handling	(For P021 through P025only): Colorado Regulation No. 1, II.A.4, and Colorado Regulation No. 6, II.C.3 - 30% and 20% opacity	These requirements are streamlined out because the PSD BACT limit is more stringent
	Colorado Regulation No. 1, III.C.1 and Colorado Regulation No. 6, Part B, III.C - PM emission limits	These requirements were streamlined out because Construction Permit and PSD Permit emission limits were more stringent.
Area 9 – Utilities –	Boilers: Colorado Regulation No. 1, II.A.4, and Colorado Regulation No. 6, II.C.3 - 30% and 20% opacity	These requirements are streamlined out because the PSD Permit BACT limit of 10% is more stringent
	Colorado Regulation No. 1, II.A.1.b and Colorado Regulation No. 6, II.C.2 - PM emission limits	These requirements are streamlined out because the Construction Permit and PSD Permit limits are more stringent

SECTION IV - General Permit Conditions (Ver 02/20/07)

1. Administrative Changes

Regulation No. 3, 5 CCR 1001-5, Part A, §III.

The permittee shall submit an application for an administrative permit amendment to the Division for those permit changes that are described in Regulation No. 3, Part A, §I.B.1. The permittee may immediately make the change upon submission of the application to the Division.

2. Certification Requirements

Regulation No. 3, 5 CCR 1001-5, Part C, §§III.B.9., V.C.16.a. & e. and V.C.17.

a. Any application, report, document and compliance certification submitted to the Air Pollution Control Division pursuant to Regulation No. 3 or the Operating Permit shall contain a certification by a responsible official of the truth, accuracy and completeness of such form, report or certification stating that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

b. All compliance certifications for terms and conditions in the Operating Permit shall be submitted to the Air Pollution Control Division at least annually unless a more frequent period is specified in the applicable requirement or by the Division in the Operating Permit.

c. Compliance certifications shall contain:

(i) the identification of each permit term and condition that is the basis of the certification;

(ii) the compliance status of the source;

(iii) whether compliance was continuous or intermittent;

(iv) method(s) used for determining the compliance status of the source, currently and over the reporting period; and

(v) such other facts as the Air Pollution Control Division may require to determine the compliance status of the source.

d. All compliance certifications shall be submitted to the Air Pollution Control Division and to the Environmental Protection Agency at the addresses listed in Appendix D of this Permit.

e. If the permittee is required to develop and register a risk management plan pursuant to § 112(r) of the federal act, the permittee shall certify its compliance with that requirement; the Operating Permit shall not incorporate the contents of the risk management plan as a permit term or condition.

3. Common Provisions

Common Provisions Regulation, 5 CCR 1001-2 §§ II.A., II.B., II.C., II,.E., II.F., II.I, and II.J

a. To Control Emissions Leaving Colorado

When emissions generated from sources in Colorado cross the State boundary line, such emissions shall not cause the air quality standards of the receiving State to be exceeded, provided reciprocal action is taken by the receiving State.

b. Emission Monitoring Requirements

The Division may require owners or operators of stationary air pollution sources to install, maintain, and use instrumentation to monitor and record emission data as a basis for periodic reports to the Division.

c. Performance Testing

The owner or operator of any air pollution source shall, upon request of the Division, conduct performance test(s) and furnish the Division a written report of the results of such test(s) in order to determine compliance with applicable emission control regulations.

Performance test(s) shall be conducted and the data reduced in accordance with the applicable reference test methods unless the Division:

(i) specifies or approves, in specific cases, the use of a test method with minor changes in methodology;

(ii) approves the use of an equivalent method;

(iii) approves the use of an alternative method the results of which the Division has determined to be adequate for indicating where a specific source is in compliance; or

(iv) waives the requirement for performance test(s) because the owner or operator of a source has demonstrated by other means to the Division's satisfaction that the affected facility is in compliance with the standard. Nothing in this paragraph shall be construed to abrogate the Commission's or Division's authority to require testing under the Colorado Revised Statutes, Title 25, Article 7, and pursuant to regulations promulgated by the Commission.

Compliance test(s) shall be conducted under such conditions as the Division shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Division such records as may be necessary to determine the conditions of the performance test(s). Operations during period of startup, shutdown, and malfunction shall not constitute representative conditions of performance test(s) unless otherwise specified in the applicable standard.

The owner or operator of an affected facility shall provide the Division thirty days prior notice of the performance test to afford the Division the opportunity to have an observer present. The Division may waive the thirty day notice requirement provided that arrangements satisfactory to the Division are made for earlier testing.

The owner or operator of an affected facility shall provide, or cause to be provided, performance testing facilities as follows:

(i) Sampling ports adequate for test methods applicable to such facility;

(ii) Safe sampling platform(s);

(iii) Safe access to sampling platform(s); and

(iv) Utilities for sampling and testing equipment.

Each performance test shall consist of at least three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic mean of results of at least three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other

circumstances beyond the owner or operator's control, compliance may, upon the Division's approval, be determined using the arithmetic mean of the results of the two other runs.

Nothing in this section shall abrogate the Division's authority to conduct its own performance test(s) if so warranted.

d. Affirmative Defense Provision for Excess Emissions during Malfunctions

Note that until such time as the U.S. EPA approves this provision into the Colorado State Implementation Plan (SIP), it shall be enforceable only by the State.

An affirmative defense to a claim of violation under these regulations is provided to owners and operators for civil penalty actions for excess emissions during periods of malfunction. To establish the affirmative defense and to be relieved of a civil penalty in any action to enforce an applicable requirement, the owner or operator of the facility must meet the notification requirements below in a timely manner and prove by a preponderance of evidence that:

(i) The excess emissions were caused by a sudden, unavoidable breakdown of equipment, or a sudden, unavoidable failure of a process to operate in the normal or usual manner, beyond the reasonable control of the owner or operator;

(ii) The excess emissions did not stem from any activity or event that could have reasonably been foreseen and avoided, or planned for, and could not have been avoided by better operation and maintenance practices;

(iii) Repairs were made as expeditiously as possible when the applicable emission limitations were being exceeded;

(iv) The amount and duration of the excess emissions (including any bypass) were minimized to the maximum extent practicable during periods of such emissions;

(v) All reasonably possible steps were taken to minimize the impact of the excess emissions on ambient air quality;

(vi) All emissions monitoring systems were kept in operation (if at all possible);

(vii) The owner or operator’s actions during the period of excess emissions were documented by properly signed, contemporaneous operating logs or other relevant evidence;

(viii) The excess emissions were not part of a recurring pattern indicative of inadequate design, operation, or maintenance;

(ix) At all times, the facility was operated in a manner consistent with good practices for minimizing emissions. This section is intended solely to be a factor in determining whether an affirmative defense is available to an owner or operator, and shall not constitute an additional applicable requirement; and

(x) During the period of excess emissions, there were no exceedances of the relevant ambient air quality standards established in the Commissions’ Regulations that could be attributed to the emitting source.

The owner or operator of the facility experiencing excess emissions during a malfunction shall notify the division verbally as soon as possible, but no later than noon of the Division’s next working day, and shall submit written notification following the initial occurrence of the excess emissions by the end of the source’s next reporting period. The notification shall address the criteria set forth above.

The Affirmative Defense Provision contained in this section shall not be available to claims for injunctive relief.

The Affirmative Defense Provision does not apply to failures to meet federally promulgated performance standards or emission limits, including, but not limited to, new source performance standards and national emission standards for hazardous air pollutants. The affirmative defense provision does not apply to state implementation plan (sip) limits or permit limits that have been set taking into account potential emissions during malfunctions, including, but not necessarily limited to, certain limits with 30-day or longer averaging times, limits that indicate they apply during malfunctions, and limits that indicate they apply at all times or without exception.

e. Circumvention Clause

A person shall not build, erect, install, or use any article, machine, equipment, condition, or any contrivance, the use of which, without resulting in a reduction in the total release of air pollutants to the atmosphere, reduces or conceals an emission which would otherwise constitute a violation of this regulation. No person shall circumvent this regulation by using more openings than is considered normal practice by the industry or activity in question.

f. Compliance Certifications

For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in the Colorado State Implementation Plan, nothing in the Colorado State Implementation Plan shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. Evidence that has the effect of making any relevant standard or permit term more stringent shall not be credible for proving a violation of the standard or permit term.

When compliance or non-compliance is demonstrated by a test or procedure provided by permit or other applicable requirement, the owner or operator shall be presumed to be in compliance or non-compliance unless other relevant credible evidence overcomes that presumption.

g. Affirmative Defense Provision for Excess Emissions During Startup and Shutdown

An affirmative defense is provided to owners and operators for civil penalty actions for excess emissions during periods of startup and shutdown. To establish the affirmative defense and to be relieved of a civil penalty in any action to enforce an applicable requirement, the owner or operator of the facility must meet the notification requirements below in a timely manner and prove by a preponderance of the evidence that:

(i) The periods of excess emissions that occurred during startup and shutdown were short and infrequent and could not have been prevented through careful planning and design;

(ii) The excess emissions were not part of a recurring pattern indicative of inadequate design, operation or maintenance;

(iii) If the excess emissions were caused by a bypass (an intentional diversion of control equipment), then the bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(iv) The frequency and duration of operation in startup and shutdown periods were minimized to the maximum extent practicable;

(v) All possible steps were taken to minimize the impact of excess emissions on ambient air quality;

(vi) All emissions monitoring systems were kept in operation (if at all possible);

(vii) The owner or operator’s actions during the period of excess emissions were documented by properly signed, contemporaneous operating logs or other relevant evidence; and,

(viii) At all times, the facility was operated in a manner consistent with good practices for minimizing emissions. This subparagraph is intended solely to be a factor in determining whether an affirmative defense is available to an owner or operator, and shall not constitute an additional applicable requirement.

The owner or operator of the facility experiencing excess emissions during startup and shutdown shall notify the Division verbally as soon as possible, but no later than two (2) hours after the start of the next working day, and shall submit written quarterly notification following the initial occurrence of the excess emissions. The notification shall address the criteria set forth above.

The Affirmative Defense Provision contained in this section shall not be available to claims for injunctive relief.

The Affirmative Defense Provision does not apply to State Implementation Plan provisions or other requirements that derive from new source performance standards or national emissions standards for hazardous air pollutants, or any other federally enforceable performance standard or emission limit with an averaging time greater than twenty-four hours. In addition, an affirmative defense cannot be used by a single source or small group of sources where the excess emissions have the potential to cause an exceedance of the ambient air quality standards or Prevention of Significant Deterioration (PSD) increments.

In making any determination whether a source established an affirmative defense, the Division shall consider the information within the notification required above and any other information the Division deems necessary, which may include, but is not limited to, physical inspection of the facility and review of documentation pertaining to the maintenance and operation of process and air pollution control equipment.

4. Compliance Requirements

Regulation No. 3, 5 CCR 1001-5, Part C, §III.C.9., V.C.11. & 16.d. and §25-7-122.1(2), C.R.S.

a. The permittee must comply with all conditions of the Operating Permit. Any permit noncompliance relating to federally-enforceable terms or conditions constitutes a violation of the federal act, as well as the state act and Regulation No. 3. Any permit noncompliance relating to state-only terms or conditions constitutes a violation of the state act and Regulation No. 3, shall be enforceable pursuant to state law, and shall not be enforceable by citizens under § 304 of the federal act. Any such violation of the federal act, the state act or regulations implementing either statute is grounds for enforcement action, for permit termination, revocation and reissuance or modification or for denial of a permit renewal application.

b. It shall not be a defense for a permittee in an enforcement action or a consideration in favor of a permittee in a permit termination, revocation or modification action or action denying a permit renewal application that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

c. The permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of any request by the permittee for a permit modification, revocation and reissuance, or termination, or any notification of planned changes or anticipated noncompliance does not stay any permit condition, except as provided in §§ X. and XI. of Regulation No. 3, Part C.

d. The permittee shall furnish to the Air Pollution Control Division, within a reasonable time as specified by the Division, any information that the Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Division copies of records required to be kept by the permittee, including information claimed to be confidential. Any information subject to a claim of confidentiality shall be specifically identified and submitted separately from information not subject to the claim.

e. Any schedule for compliance for applicable requirements with which the source is not in compliance at the time of permit issuance shall be supplemental, and shall not sanction noncompliance with, the applicable requirements on which it is based.

f. For any compliance schedule for applicable requirements with which the source is not in compliance at the time of permit issuance, the permittee shall submit, at least every 6 months unless a more frequent period is specified in the applicable requirement or by the Air Pollution Control Division, progress reports which contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule for compliance, and dates when such activities, milestones, or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

g. The permittee shall not knowingly falsify, tamper with, or render inaccurate any monitoring device or method required to be maintained or followed under the terms and conditions of the Operating Permit.

5. Emergency Provisions

Regulation No. 3, 5 CCR 1001-5, Part C, §VII

An emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed the technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. "Emergency" does not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. An emergency constitutes an affirmative defense to an enforcement action brought for noncompliance with a technology-based emission limitation if the permittee demonstrates, through properly signed, contemporaneous operating logs, or other relevant evidence that:

a. an emergency occurred and that the permittee can identify the cause(s) of the emergency;

b. the permitted facility was at the time being properly operated;

c. during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

d. the permittee submitted oral notice of the emergency to the Air Pollution Control Division no later than noon of the next working day following the emergency, and followed by written notice within one month of the time when emissions limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

This emergency provision is in addition to any emergency or malfunction provision contained in any applicable requirement.

6. Emission Standards for Asbestos

Regulation No. 8, 5 CCR 1001-10, Part B

The permittee shall not conduct any asbestos abatement activities except in accordance with the provisions of Regulation No. 8, Part B, "emission standards for asbestos."

7. Emissions Trading, Marketable Permits, Economic Incentives

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.13.

No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are specifically provided for in the permit.

8. Fee Payment

C.R.S. §§ 25-7-114.1(6) and 25-7-114.7

a. The permittee shall pay an annual emissions fee in accordance with the provisions of C.R.S. § 25-7-114.7. A 1% per month late payment fee shall be assessed against any invoice amounts not paid in full on the 91st day after the date of invoice, unless a permittee has filed a timely protest to the invoice amount.

b. The permittee shall pay a permit processing fee in accordance with the provisions of C.R.S. § 25-7-114.7. If the Division estimates that processing of the permit will take more than 30 hours, it will notify the permittee of its estimate of what the actual charges may be prior to commencing any work exceeding the 30 hour limit.

c. The permittee shall pay an APEN fee in accordance with the provisions of C.R.S. § 25-7-114.1(6) for each APEN or revised APEN filed.

9. Fugitive Particulate Emissions

Regulation No. 1, 5 CCR 1001-3, §III.D.1.

The permittee shall employ such control measures and operating procedures as are necessary to minimize fugitive particulate emissions into the atmosphere, in accordance with the provisions of Regulation No. 1, §III.D.1.

10. Inspection and Entry

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.16.b.

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Air Pollution Control Division, or any authorized representative, to perform the following:

a. enter upon the permittee's premises where an Operating Permit source is located, or emissions-related activity is conducted, or where records must be kept under the terms of the permit;

b. have access to, and copy, at reasonable times, any records that must be kept under the conditions of the permit;

c. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the Operating Permit;

d. sample or monitor at reasonable times, for the purposes of assuring compliance with the Operating Permit or applicable requirements, any substances or parameters.

11. Minor Permit Modifications

Regulation No. 3, 5 CCR 1001-5, Part C, §§X. & XI.

The permittee shall submit an application for a minor permit modification before making the change requested in the application. The permit shield shall not extend to minor permit modifications.

12. New Source Review

Regulation No. 3, 5 CCR 1001-5, Part B

The permittee shall not commence construction or modification of a source required to be reviewed under the New Source Review provisions of Regulation No. 3, Part B, without first receiving a construction permit.

13. No Property Rights Conveyed

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.11.d.

This permit does not convey any property rights of any sort, or any exclusive privilege.

14. Odor

Regulation No. 2, 5 CCR 1001-4, Part A

As a matter of state law only, the permittee shall comply with the provisions of Regulation No. 2 concerning odorous emissions.

15. Off-Permit Changes to the Source

Regulation No. 3, 5 CCR 1001-5, Part C, §XII.B.

The permittee shall record any off-permit change to the source that causes the emissions of a regulated pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from the change, including any other data necessary to show compliance with applicable ambient air quality standards. The permittee shall provide contemporaneous notification to the Air Pollution Control Division and to the Environmental Protection Agency at the addresses listed in Appendix D of this Permit . The permit shield shall not apply to any off-permit change.

16. Opacity

Regulation No. 1, 5 CCR 1001-3, §§I., II.

The permittee shall comply with the opacity emissions limitation set forth in Regulation No. 1, §§ I.-II.

17. Open Burning

Regulation No. 9, 5 CCR 1001-11

The permittee shall obtain a permit from the Division for any regulated open burning activities in accordance with provisions of Regulation No. 9.

18. Ozone Depleting Compounds

Regulation No. 15, 5 CCR 1001-17

The permittee shall comply with the provisions of Regulation No. 15 concerning emissions of ozone depleting compounds. Section I., II.C., II.D., III., IV., and V. of Regulation No. 15 shall be enforced as a matter of state law only.

19. Permit Expiration and Renewal

Regulation No. 3, 5 CCR 1001-5, Part C, §§III.B.6., IV.C., V.C.2.

a. The permit term shall be five (5) years. The permit shall expire at the end of its term. Permit expiration terminates the permittee's right to operate unless a timely and complete renewal application is submitted.

b. Applications for renewal shall be submitted at least twelve months, but not more than 18 months, prior to the expiration of the Operating Permit. An application for permit renewal may address only those portions of the permit

that require revision, supplementing, or deletion, incorporating the remaining permit terms by reference from the previous permit. A copy of any materials incorporated by reference must be included with the application.

20. Portable Sources

Regulation No. 3, 5 CCR 1001-5, Part C, §II.D.

Portable Source permittees shall notify the Air Pollution Control Division at least 10 days in advance of each change in location.

21. Prompt Deviation Reporting

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.7.b.

The permittee shall promptly report any deviation from permit requirements, including those attributable to malfunction conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken.

"Prompt" is defined as follows:

a. Any definition of "prompt" or a specific timeframe for reporting deviations provided in an underlying applicable requirement as identified in this permit; or

b. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations will be submitted based on the following schedule:

(i) For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in the applicable regulation) that continue for more than an hour in excess of permit requirements, the report shall be made within 24 hours of the occurrence;

(ii) For emissions of any regulated air pollutant, excluding a hazardous air pollutant or a toxic air pollutant that continue for more than two hours in excess of permit requirements, the report shall be made within 48 hours; and

(iii) For all other deviations from permit requirements, the report shall be submitted every six (6) months, except as otherwise specified by the Division in the permit in accordance with paragraph 22.d. below.

c. If any of the conditions in paragraphs b.i or b.ii above are met, the source shall notify the Division by telephone (303-692-3155) or facsimile (303-782-0278) based on the timetables listed above. *[Explanatory note: Notification by telephone or facsimile must specify that this notification is a deviation report for an Operating Permit.]* A written notice, certified consistent with General Condition 2.a. above (Certification Requirements), shall be submitted within 10 working days of the occurrence. All deviations reported under this section shall also be identified in the 6-month report required above.

"Prompt reporting" does not constitute an exception to the requirements of "Emergency Provisions" for the purpose of avoiding enforcement actions.

22. Record Keeping and Reporting Requirements

Regulation No. 3, 5 CCR 1001-5, Part A, §II.; Part C, §§V.C.6., V.C.7.

a. Unless otherwise provided in the source specific conditions of this Operating Permit, the permittee shall maintain compliance monitoring records that include the following information:

(i) date, place as defined in the Operating Permit, and time of sampling or measurements;

(ii) date(s) on which analyses were performed;

(iii) the company or entity that performed the analysis;

(iv) the analytical techniques or methods used;

(v) the results of such analysis; and

(vi) the operating conditions at the time of sampling or measurement.

b. The permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report or application. Support information, for this purpose, includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the Operating Permit. With prior approval of the Air Pollution Control Division, the permittee may maintain any of the above records in a computerized form.

c. Permittees must retain records of all required monitoring data and support information for the most recent twelve (12) month period, as well as compliance certifications for the past five (5) years on-site at all times. A permittee shall make available for the Air Pollution Control Division's review all other records of required monitoring data and support information required to be retained by the permittee upon 48 hours advance notice by the Division.

d. The permittee shall submit to the Air Pollution Control Division all reports of any required monitoring at least every six (6) months, unless an applicable requirement, the compliance assurance monitoring rule, or the Division requires submission on a more frequent basis. All instances of deviations from any permit requirements must be clearly identified in such reports.

e. The permittee shall file an Air Pollutant Emissions Notice ("APEN") prior to constructing, modifying, or altering any facility, process, activity which constitutes a stationary source from which air pollutants are or are to be emitted, unless such source is exempt from the APEN filing requirements of Regulation No. 3, Part A, ' II.D. A revised APEN shall be filed annually whenever a significant change in emissions, as defined in Regulation No. 3, Part A, ' II.C.2., occurs; whenever there is a change in owner or operator of any facility, process, or activity; whenever new control equipment is installed; whenever a different type of control equipment replaces an existing type of control equipment; whenever a permit limitation must be modified; or before the APEN expires. An APEN is valid for a period of five years. The five-year period recommences when a revised APEN is received by the Air Pollution Control Division. Revised APENs shall be submitted no later than 30 days before the five-year term expires. Permittees submitting revised APENs to inform the Division of a change in actual emission rates must do so by April 30 of the following year. Where a permit revision is required, the revised APEN must be filed along with a request for permit revision. APENs for changes in control equipment must be submitted before the change occurs. Annual fees are based on the most recent APEN on file with the Division.

23. Reopenings for Cause

Regulation No. 3, 5 CCR 1001-5, Part C, §XIII.

a. The Air Pollution Control Division shall reopen, revise, and reissue Operating Permits; permit reopenings and reissuance shall be processed using the procedures set forth in Regulation No. 3, Part C, § III., except that proceedings to reopen and reissue permits affect only those parts of the permit for which cause to reopen exists.

b. The Division shall reopen a permit whenever additional applicable requirements become applicable to a major source with a remaining permit term of three or more years, unless the effective date of the requirements is later than the date on which the permit expires, or unless a general permit is obtained to address the new requirements; whenever additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program; whenever the Division determines the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;

or whenever the Division determines that the permit must be revised or revoked to assure compliance with an applicable requirement.

c. The Division shall provide 30 days' advance notice to the permittee of its intent to reopen the permit, except that a shorter notice may be provided in the case of an emergency.

d. The permit shield shall extend to those parts of the permit that have been changed pursuant to the reopening and reissuance procedure.

24. Section 502(b)(10) Changes

Regulation No. 3, 5 CCR 1001-5, Part C, §XII.A.

The permittee shall provide a minimum 7-day advance notification to the Air Pollution Control Division and to the Environmental Protection Agency at the addresses listed in Appendix D of this Permit. The permittee shall attach a copy of each such notice given to its Operating Permit.

25. Severability Clause

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.10.

In the event of a challenge to any portion of the permit, all emissions limits, specific and general conditions, monitoring, record keeping and reporting requirements of the permit, except those being challenged, remain valid and enforceable.

26. Significant Permit Modifications

Regulation No. 3, 5 CCR 1001-5, Part C, § III.B.2.

The permittee shall not make a significant modification required to be reviewed under Regulation No. 3, Part B ("Construction Permit" requirements) without first receiving a construction permit. The permittee shall submit a complete Operating Permit application or application for an Operating Permit revision for any new or modified source within twelve months of commencing operation, to the address listed in Item 1 in Appendix D of this permit. If the permittee chooses to use the "Combined Construction/Operating Permit" application procedures of Regulation No. 3, Part C, then the Operating Permit must be received prior to commencing construction of the new or modified source.

27. Special Provisions Concerning the Acid Rain Program

Regulation No. 3, 5 CCR 1001-5, Part C, §§V.C.1.b. & 8

a. Where an applicable requirement of the federal act is more stringent than an applicable requirement of regulations promulgated under Title IV of the federal act, 40 Code of Federal Regulations (CFR) Part 72, both provisions shall be incorporated into the permit and shall be federally enforceable.

b. Emissions exceeding any allowances that the source lawfully holds under Title IV of the federal act or the regulations promulgated thereunder, 40 CFR Part 72, are expressly prohibited.

28. Transfer or Assignment of Ownership

Regulation No. 3, 5 CCR 1001-5, Part C, §II.C.

No transfer or assignment of ownership of the Operating Permit source will be effective unless the prospective owner or operator applies to the Air Pollution Control Division on Division-supplied Administrative Permit Amendment forms, for reissuance of the existing Operating Permit. No administrative permit shall be complete until a written agreement containing a specific date for transfer of permit, responsibility, coverage, and liability between the permittee and the prospective owner or operator has been submitted to the Division.

29. Volatile Organic Compounds

Regulation No. 7, 5 CCR 1001-9, §§III & V.

a. For sources located in an ozone non-attainment area or the Denver Metro Attainment Maintenance Area, all storage tank gauging devices, anti-rotation devices, accesses, seals, hatches, roof drainage systems, support structures, and pressure relief valves shall be maintained and operated to prevent detectable vapor loss except when opened, actuated, or used for necessary and proper activities (e.g. maintenance). Such opening, actuation, or use shall be limited so as to minimize vapor loss.

Detectable vapor loss shall be determined visually, by touch, by presence of odor, or using a portable hydrocarbon analyzer. When an analyzer is used, detectable vapor loss means a VOC concentration exceeding 10,000 ppm. Testing shall be conducted as in Regulation No. 7, Section VIII.C.3.

Except when otherwise provided by Regulation No. 7, all volatile organic compounds, excluding petroleum liquids, transferred to any tank, container, or vehicle compartment with a capacity exceeding 212 liters (56 gallons), shall be transferred using submerged or bottom filling equipment. For top loading, the fill tube shall reach within six inches of the bottom of the tank compartment. For bottom-fill operations, the inlet shall be flush with the tank bottom.

b. The permittee shall not dispose of volatile organic compounds by evaporation or spillage unless Reasonably Available Control Technology (RACT) is utilized.

c. No owner or operator of a bulk gasoline terminal, bulk gasoline plant, or gasoline dispensing facility as defined in Colorado Regulation No. 7, Section VI, shall permit gasoline to be intentionally spilled, discarded in sewers, stored in open containers, or disposed of in any other manner that would result in evaporation.

30. Wood Stoves and Wood burning Appliances

Regulation No. 4, 5 CCR 1001-6

The permittee shall comply with the provisions of Regulation No. 4 concerning the advertisement, sale, installation, and use of wood stoves and wood burning appliances.

END OF PERMIT REQUIREMENTS

OPERATING PERMIT APPENDICES

A - INSPECTION INFORMATION
B - COMPLIANCE MONITORING REPORT FORMAT
C - COMPLIANCE CERTIFICATION REPORT FORMAT
D - NOTIFICATION ADDRESSES
E - PERMIT ACRONYMS
F - PERMIT MODIFICATIONS
G - REQUIRED REPORTS
H – COMPLIANCE MONITORING PLAN

*DISCLAIMER:

None of the information found in these Appendices shall be considered to be State or Federally enforceable, except as otherwise stated in this permit, and is presented to assist the source, permitting authority, inspectors, and citizens.

APPENDIX A - Inspection Information

1. Directions to Plant:

The facility is located immediately north of Fort Collins. Traveling north on I-25, take the first exit north of Fort Collins.

2. Safety Equipment Required:

Eye Protection; Hard Hat; Hearing Protection.

3. Facility Plot Plan:

Figure 1 (included at the end of Appendix A) shows the plot plan as submitted on May 1, 1995 with the source's Title V Operating Permit Application.

4. List of Insignificant Activities:

The following list of insignificant activities was provided by the source to assist in the understanding of the facility layout. Since there is no requirement to update such a list, activities may have changed since the last filing.

Insignificant activities and/or sources of emissions as submitted in the application are as follows:

Noncommercial (in-house) experimental and analytical laboratory equipment which is bench scale in nature including quality control/quality assurance laboratories., process support laboratories, environmental laboratories supporting a manufacturing or industrial facility, and research and development laboratories.

Each individual piece of fuel burning equipment, other than smokehouse generators and internal combustion engines, which uses gaseous fuel, and which has a design rate less than or equal to 5 million Btu per hour.

Chemical storage tanks or containers that hold less than 500 gallons, and which have a daily throughput less than 25 gallons.

Landscaping and site housekeeping devices equal to or less than 10 HP in size (lawnmowers, trimmers, snow blowers, etc.).

Chemical storage areas where chemicals are stored in closed containers, and where total storage capacity does not exceed 5000 gallons. This exemption applies solely to storage of such chemicals. This exemption does not apply to transfer of chemicals from, to, or between such containers.

Storage of butane, propane, or liquefied petroleum gas in a vessel with a capacity of less than 60,000 gallons, provided the requirements of Regulation No. 7, Section IV are met, where applicable.

Storage tanks of capacity < 40,000 gallons of lubricating oils.

Fuel storage and dispensing equipment in ozone attainment areas operated solely for company-owned vehicles where the daily fuel throughput is no more than 400 gallons per day, averaged over a 30 day period.

Stationary Internal Combustion Engines which:

(i) power portable drilling rigs; or

(ii) are emergency power generators which have a rated horsepower of less than 260 or; operate no more than 250 hours per year and have a rated horsepower of less than 737; or operate no more than 100 hours per year and have a rated horsepower of less than 1840; or

(iii) have actual emissions less than five tons per year or rated horsepower of less than 50.

Air pollution emission units, operations or activities with emissions less than the appropriate de minimis reporting level.

Air Conditioning or ventilation systems not designed to remove air pollutants

Brazing, soldering, welding using non-lead based compounds

Battery recharging

Aerosol can usage

Sawing operations

Landscaping use of pesticides, fumigants, and herbicides

Acetylene, butane and propane torches

Architectural painting for maintenance purposes

Janitorial Activities and products

Groundskeeping activities and products

Office emissions (e.g., cleaning, copying)

Electrically operated curing and drying ovens and similar activities, articles, equipment or appurtenances. This exemption applies to the ovens only, and not to the items being dried in the ovens.

Forklifts

Emissions of pollutants which are not criteria pollutants or non-criteria reportable pollutants.

The following units, which have emissions below the de minimis levels stated in Regulation No. 3, Part C, II.E3a.

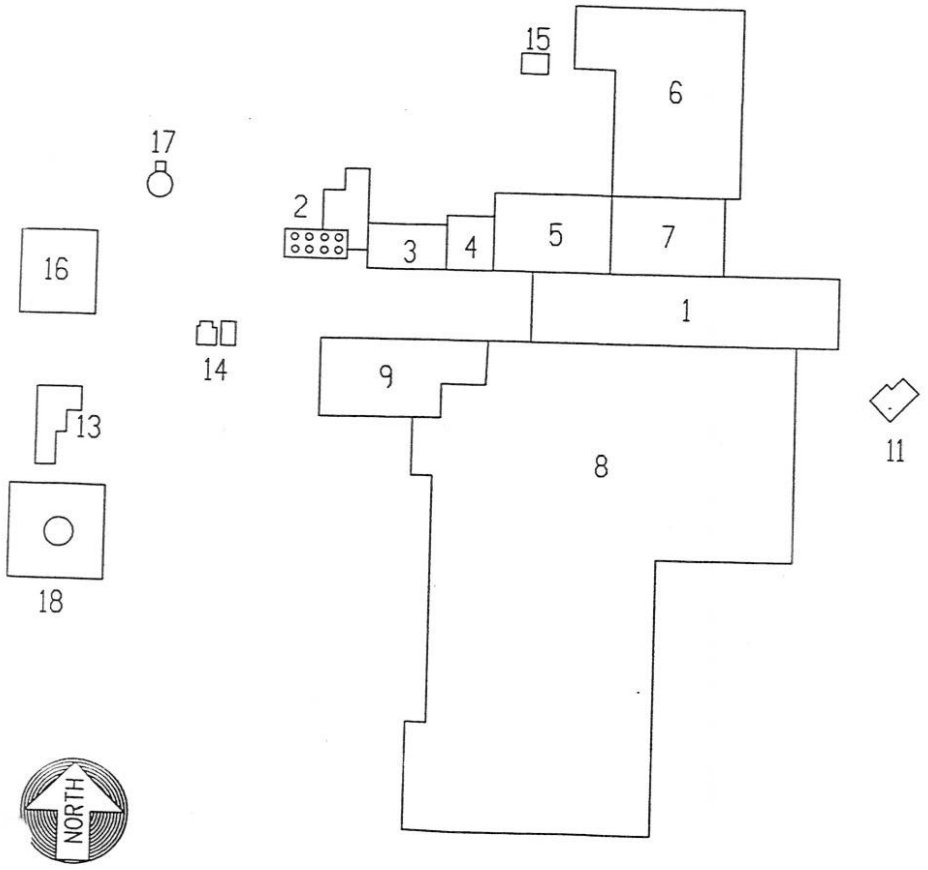
1 – Spent Yeast Tank - 100 BBL
2 – Spent Yeast Tank - 100 BBL
1to 47 - Finishing Tank 600 BBL
1 to 28 - Finishing Tank 1200 BBL
1 to 8 - Finishing Tank 1400 BBL
1 to 17 - Finishing Tank 2400 BBL
1 to 6 - Finishing Tank 570 BBL
1 to 3 -Finishing Tank 265 BBL
1 to 6 - Cold Wort Settlers
1 to 6 - Yeast Brink 150 BBL
Hops Strainer
1 to 4 - Kraeusen Tank 829 BBL
1 to 2 - Wort Cooler
1 to 2 - Parts Washer 30 gal
1 to 2 - Hot Wort Receivers
1 to 2 - Spent Grains Holding Tank
Spent Chips Dumpster
Spent DE Filter
Spent DE Slurry Tank
1 to 2 - Chip Cooker
Parts Washer 16 gal
Spent DE (Dumpster)
1 to 3 - Pasteurizer (Bottle Lines)
1 to 3 - Pasteurizer (Can Lines)
Keg Filler
Keg Washer
Hot Melt Glue
Can Crusher
Bottle Crusher
Waste Beer Sump
Parts Washer 44 gal
1 to 2 - Wastewater Wells (INF)
1 to 2 - Wastewater Tanks (EFF)
K-Filters
Ammonia Refrigeration System Pumpout System Scrubber
Ammonia Refrigeration System Purger
Alcohol Condensate Tank (O'Douls) - 750 Gallons
Cardboard Baler Dust Collector
Depalletizer Baghouse
Empty Carton Opener Baghouse
DE Silo Vacuum System

Body Feed and Precoat Tank Exhaust
Tequiza Totes
Warehouse Vacuum System Baghouse
1 to 8 - Filter Beer Tanks - 1600 BBL
Grain Vacuuming System #2
Process Residual Storage Tanks #1 and #2
Two Alcohol Day Storage Tanks (3,000 gallons each)
Two Alcohol Day Storage Tanks (12,000 gallons each)
Alcohol Waste Storage Tank (30,000 gallons)
Packaging Vacuum System
Diesel Fire Water Pump
Gypsum Silo Load-in and Load-out
Hoffman Vacuum Cleaner
Merrick Co. Molecular Sieve

FORT COLLINS BREWERY

KEY PLAN

FACILITY I.D. - CO 0690060



Anheuser-Busch Incorporated

APPENDIX B
Reporting Requirements and Definitions
with codes ver 2/20/07

Please note that, pursuant to 113(c)(2) of the federal Clean Air Act, any person who knowingly:

(A) makes any false material statement, representation, or certification in, or omits material information from, or knowingly alters, conceals, or fails to file or maintain any notice, application, record, report, plan, or other document required pursuant to the Act to be either filed or maintained (whether with respect to the requirements imposed by the Administrator or by a State);

(B) fails to notify or report as required under the Act; or

(C) falsifies, tampers with, renders inaccurate, or fails to install any monitoring device or method required to be maintained or followed under the Act shall, upon conviction, be punished by a fine pursuant to title 18 of the United States Code, or by imprisonment for not more than 2 years, or both. If a conviction of any person under this paragraph is for a violation committed after a first conviction of such person under this paragraph, the maximum punishment shall be doubled with respect to both the fine and imprisonment.

The permittee must comply with all conditions of this operating permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

The Part 70 Operating Permit program requires three types of reports to be filed for all permits.
All required reports must be certified by a responsible official.

Report #1: Monitoring Deviation Report (due at least every six months)

For purposes of this operating permit, the Division is requiring that the monitoring reports are due every six months unless otherwise noted in the permit. All instances of deviations from permit monitoring requirements must be clearly identified in such reports.

For purposes of this operating permit, monitoring means any condition determined by observation, by data from any monitoring protocol, or by any other monitoring which is required by the permit as well as the recordkeeping associated with that monitoring. This would include, for example, fuel use or process rate monitoring, fuel analyses, and operational or control device parameter monitoring.

Report #2: Permit Deviation Report (must be reported "promptly")

In addition to the monitoring requirements set forth in the permits as discussed above, each and every requirement of the permit is subject to deviation reporting. The reports must address deviations from permit requirements, including those attributable to malfunctions as defined in this Appendix, the probable cause of

such deviations, and any corrective actions or preventive measures taken. All deviations from any term or condition of the permit are required to be summarized or referenced in the annual compliance certification.

For purposes of this operating permit, "malfunction" shall refer to both emergency conditions and malfunctions. Additional discussion on these conditions is provided later in this Appendix.

For purposes of this operating permit, the Division is requiring that the permit deviation reports are due as set forth in General Condition 21. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. For example, quarterly Excess Emission Reports required by an NSPS or Regulation No. 1, Section IV.

In addition to the monitoring deviations discussed above, included in the meaning of deviation for the purposes of this operating permit are any of the following:

(1) A situation where emissions exceed an emission limitation or standard contained in the permit;

(2) A situation where process or control device parameter values demonstrate that an emission limitation or standard contained in the permit has not been met;

(3) A situation in which observations or data collected demonstrates noncompliance with an emission limitation or standard or any work practice or operating condition required by the permit; or,

(4) A situation in which an excursion or exceedance as defined in 40CFR Part 64 (the Compliance Assurance Monitoring (CAM) Rule) has occurred. (only if the emission point is subject to CAM)

For reporting purposes, the Division has combined the Monitoring Deviation Report with the Permit Deviation Report. All deviations shall be reported using the following codes:

1 = Standard:	When the requirement is an emission limit or standard
2 = Process:	When the requirement is a production/process limit
3 = Monitor:	When the requirement is monitoring
4 = Test:	When the requirement is testing
5 = Maintenance:	When required maintenance is not performed
6 = Record:	When the requirement is recordkeeping
7 = Report:	When the requirement is reporting
8 = CAM:	A situation in which an excursion or exceedance as defined in 40CFR Part 64 (the Compliance Assurance Monitoring (CAM) Rule) has occurred.
9 = Other:	When the deviation is not covered by any of the above categories

Report #3: Compliance Certification (annually, as defined in the permit)

Submission of compliance certifications with terms and conditions in the permit, including emission limitations, standards, or work practices, is required not less than annually.

Compliance Certifications are intended to state the compliance status of each requirement of the permit over the certification period. They must be based, at a minimum, on the testing and monitoring methods specified in the permit that were conducted during the relevant time period. In addition, if the owner or operator knows of other material information (i.e. information beyond required monitoring that has been specifically assessed in relation to how the information potentially affects compliance status), that information must be identified and addressed in the compliance certification. The compliance certification must include the following:

- The identification of each term or condition of the permit that is the basis of the certification;
- Whether or not the method(s) used by the owner or operator for determining the compliance status with each permit term and condition during the certification period was the method(s) specified in the permit. Such methods and other means shall include, at a minimum, the methods and means required in the permit. If necessary, the owner or operator also shall identify any other material information that must be included in the certification to comply with section 113(c)(2) of the Federal Clean Air Act, which prohibits knowingly making a false certification or omitting material information;
- The status of compliance with the terms and conditions of the permit, and whether compliance was continuous or intermittent. The certification shall identify each deviation and take it into account in the compliance certification. Note that not all deviations are considered violations.[1]
- Such other facts as the Division may require, consistent with the applicable requirements to which the source is subject, to determine the compliance status of the source.

The Certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 (the Compliance Assurance Monitoring (CAM) Rule) has occurred. (only for emission points subject to CAM)

Note the requirement that the certification shall identify each deviation and take it into account in the compliance certification. Previously submitted deviation reports, including the deviation report submitted at the time of the annual certification, may be referenced in the compliance certification.

[1] For example, given the various emissions limitations and monitoring requirements to which a source may be subject, a deviation from one requirement may not be a deviation under another requirement which recognizes an exception and/or special circumstances relating to that same event.

Startup, Shutdown, Malfunctions and Emergencies

Understanding the application of Startup, Shutdown, Malfunctions and Emergency Provisions, is very important in both the deviation reports and the annual compliance certifications.

Startup, Shutdown, and Malfunctions

Please note that exceedances of some New Source Performance Standards (NSPS) and Maximum Achievable Control Technology (MACT) standards that occur during Startup, Shutdown or Malfunctions may not be considered to be non-compliance since emission limits or standards often do not apply unless specifically stated in the NSPS. Such exceedances must, however, be reported as excess emissions per the NSPS/MACT rules and would still be noted in the deviation report. In regard to compliance certifications, the permittee should be confident of the information related to those deviations when making compliance determinations since they are subject to Division review. The concepts of Startup, Shutdown and Malfunctions also exist for Best Available Control Technology (BACT) sources, but are not applied in the same fashion as for NSPS and MACT sources.

Emergency Provisions

Under the Emergency provisions of Part 70 certain operational conditions may act as an affirmative defense against enforcement action if they are properly reported.

DEFINITIONS

Malfunction (NSPS) means any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

Malfunction (SIP) means any sudden and unavoidable failure of air pollution control equipment or process equipment or unintended failure of a process to operate in a normal or usual manner. Failures that are primarily caused by poor maintenance, careless operation, or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

Emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

APPENDIX B: Monitoring and Permit Deviation Report - Part I

1. Following is the **required** format for the Monitoring and Permit Deviation report to be submitted to the Division as set forth in General Condition 21. The Table below must be completed for all equipment or processes for which specific Operating Permit terms exist.

2. Part II of this Appendix B shows the format and information the Division will require for describing periods of monitoring and permit deviations, or malfunction or emergency conditions as indicated in the Table below. One Part II Form must be completed for each Deviation. Previously submitted reports (e.g. EER's or malfunctions) may be referenced and the form need not be filled out in its entirety.

FACILITY NAME: Anheuser Busch, Inc. – Fort Collins Brewery

OPERATING PERMIT NO: 95OPLR064

REPORTING PERIOD:_____ (see first page of the permit for specific reporting period and dates)

Operating Permit Unit ID	Unit Description	Deviations noted During Period?[1]		Deviation Code [2]		Upset/Emergency Condition Reported During Period?	
		YES	NO			YES	NO
P021	Grain Unloading						
P022	Barley Malt Conveyor						
P023	Rice Grain & Grits Conveyor						
P222	Barley Malt Convey0r #2						
P223	Rice Conveyor #2						
P024	Grain Transfer and Storage #1						
P224	Grain Transfer and Storage #2						
P025	Grain Milling & Weighing #1						
P225	Grain Milling & Weighing #2						
P031 – P034, P331-P333	Seven (7) Mash Cookers						
P035, P036, P335	Three (3) Huppman Lauter Tubs						
P037 – P039, P337, P338	Five (5) 24,335 Gallon Huppman Brewkettles						
P041, P042, P441	Three (3) Wort Aerators						
P051,P052	Alpha Drop Receivers						
P053	Thirty three (33) Alpha Fermentation Tanks						

Operating Permit Unit ID	Unit Description	Deviations noted During Period?[1]		Deviation Code [2]		Upset/Emergency Condition Reported During Period?	
P061-P066	Six (6) Chip Washers						
P067	170 Beechwood Chip Tanks						
P667	18 Large Unitanks; 2 Small Unitanks						
P33	Fifty (50) Schoene/Finishing Tanks						
P68 & P69	Two (2)Yeast Separators						
P34	Schoene Cooler/Receiver						
P081-P085, P087, P088	Bottle and Can Filler Lines						
P086	Ink Coding Process						
P091 – P094	Four (4) Babcock & Wilcox Boilers						
P095, P096, P995	Three (3) Whittemen Hasselberg CO_2 Regeneration Systems						
P097	Carbon Filtration Tower						
P131	Wastewater Effluent Screens						
P141	APV Crepaca Alcohol Distillation Unit with Molecular Sieve, Ethanol Truck Loadout and 3,000 gallon Denaturant Tank (natural gasoline)						
	Construction Permit Exempt Sources						
T181	Fuel Oil Storage Tank						
	Insignificant Activities[3]						
	General Conditions						

[1] See previous discussion regarding what is considered to be a deviation. Determination of whether or not a deviation has occurred shall be based on a reasonable inquiry using readily available information.

[2] Use the following entries, as appropriate:

1 = Standard: When the requirement is an emission limit or standard
2 = Process: When the requirement is a production/process limit
3 = Monitor: When the requirement is monitoring
4 = Test: When the requirement is testing
5 = Maintenance: When required maintenance is not performed
6 = Record: When the requirement is recordkeeping
7 = Report: When the requirement is reporting
8 = CAM: A situation in which an excursion or exceedance as defined in 40CFR Part 64 (the Compliance Assurance Monitoring (CAM) Rule) has occurred.
9 = Other: When the deviation is not covered by any of the above categories

APPENDIX B: Monitoring and Permit Deviation Report - Part II

FACILITY NAME: Anheuser Busch, Inc. – Fort Collins Brewery

OPERATING PERMIT NO: 95OPLR064

REPORTING PERIOD: _____

Is the deviation being claimed as an: Emergency _____ Malfunction _____ N/A

(For NSPS/MACT) Did the deviation occur during: Startup _____ Shutdown _____ Malfunction _____

Normal Operation _____

OPERATING PERMIT UNIT IDENTIFICATION:

Operating Permit Condition Number Citation

Explanation of Period of Deviation

Duration (start/stop date & time)

Action Taken to Correct the Problem

Measures Taken to Prevent a Reoccurrence of the Problem

Dates of Upsets/Emergencies Reported (if applicable)

Deviation Code _____ Division Code QA: _____

SEE EXAMPLE ON THE NEXT PAGE

EXAMPLE

FACILITY NAME: Acme Corp.
OPERATING PERMIT NO: 96OPZZXXX
REPORTING PERIOD: 1/1/06 - 6/30/06

Is the deviation being claimed as an: Emergency _____ Malfunction __XX____ N/A

(For NSPS/MACT) Did the deviation occur during: Startup _____ Shutdown _____ Malfunction
Normal Operation _____

OPERATING PERMIT UNIT IDENTIFICATION:
Asphalt Plant with a Scrubber for Particulate Control - Unit XXX

Operating Permit Condition Number Citation
Section II, Condition 3.1 - Opacity Limitation

Explanation of Period of Deviation
Slurry Line Feed Plugged

Duration
START- 1730 4/10/06
END- 1800 4/10/06

Action Taken to Correct the Problem
Line Blown Out

Measures Taken to Prevent Reoccurrence of the Problem
Replaced Line Filter

Dates of Malfunction/Emergencies Reported (if applicable)

5/30/06 to H. Caulfield, APCD

Deviation Code _____ Division Code QA: _____

APPENDIX B: Monitoring and Permit Deviation Report - Part III

REPORT CERTIFICATION

SOURCE NAME: Anheuser-Busch, Inc. – Fort Collins Brewery

FACILITY IDENTIFICATION NUMBER: 0690060

PERMIT NUMBER: 95OPLR064

REPORTING PERIOD: _____

(see first page of the permit for specific reporting period and dates)

All information for the Title V Semi-Annual Deviation Reports must be certified by a responsible official as defined in Colorado Regulation No. 3, Part A, Section I.B.38. This signed certification document must be packaged with the documents being submitted.

STATEMENT OF COMPLETENESS

I have reviewed the information being submitted in its entirety and, based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this submittal are true, accurate and complete.

Please note that the Colorado Statutes state that any person who knowingly, as defined in Sub-Section 18-1-501(6), C.R.S., makes any false material statement, representation, or certification in this document is guilty of a misdemeanor and may be punished in accordance with the provisions of Sub-Section 25-7 122.1, C.R.S.

_____

Printed or Typed Name | Title

_____

Signature of Responsible Official | Date Signed

Note: Deviation reports shall be submitted to the Division at the address given in Appendix D of this permit. No copies need be sent to the U.S. EPA.

APPENDIX C
Required Format for Annual Compliance Certification Reports

Following is the format for the Compliance Certification report to be submitted to the Division and the U.S. EPA annually based on the effective date of the permit. The Table below must be completed for all equipment or processes for which specific Operating Permit terms exist.

FACILITY NAME: Anheuser-Busch, Inc. – Fort Collins Brewery

OPERATING PERMIT NO: 95OPLR064

REPORTING PERIOD: _____

I. Facility Status

___ During the entire reporting period, this source was in compliance with **ALL** terms and conditions contained in the Permit, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the Permit.

___ With the possible exception of the deviations identified in the table below, this source was in compliance with all terms and conditions contained in the Permit, each term and condition of which is identified and included by this reference, during the entire reporting period. The method used to determine compliance for each term and condition is the method specified in the Permit, unless otherwise indicated and described in the deviation report(s). Note that not all deviations are considered violations.

Operating Permit Unit ID	Unit Description	Deviations Reported[1]		Monitoring Method per Permit?[2]		Was compliance continuous or intermittent?[3]	
		Previous	Current	YES	NO	Continuous	Intermittent
P021	Grain Unloading						
P022	Barley Malt Conveyor						
P023	Rice Grain & Grits Conveyor						
P222	Barley Malt Conveying #2						
P223	Rice Grain and Grits Conveying #2						
P024	Grain Transfer & Storage #1						
P224	Grain Transfer & Storage #2						
P025	Grain Milling & Weighing #1						
P225	Grain Milling & Weighing #2						

Operating Permit Unit ID	Unit Description	Deviations Reported[1]		Monitoring Method per Permit?[2]		Was compliance continuous or intermittent?[3]	
		Previous	Current	YES	NO	Continuous	Intermittent
P031-P034, P331-P333	Seven (7) Mash Cookers						
P035,P036, P335	Three (3) Huppman Lauter Tubs						
P037-P039, P337, P338	Five (5) Huppman Brewkettles						
P041,P042, P441	Three (3) Wort Aerators						
P051, P052	Alpha Drop Receivers						
P053	33 Alpha Fermentation Tanks						
P061-P066	Six (6) Chip Washers						
P067	170 Beechwood Chip Tanks						
P667	18 Large Unitanks; 2 Small Unitanks						
P33	Fifty (50) Schoene/FinishingTanks						
P68 & P69	Two(2)Yeast Separators						
P34	Schoene Cooler/Receiver						
P081-P085, P087,P088	Bottle and Can Filler Lines						
P086	Ink Coding Process						
P091-P094	Four Babcock & Wilcox Boilers						
P095, P096, P995	Three (3) Whitteman Hasselberg CO2 Regeneration Systems						
P097	Carbon Filtration Tower						
P131	Wastewater Effluent Screens						
P141	APV Crepaca Alcohol Distillation Unit with Molecular Sieve, Ethanol Truck Loadout and 3,000 gallon Denaturant Tank (natural gasoline)						
	Construction Permit Exempt Sources						
T181	Fuel Oil Tank						
General Conditions							
Insignificant Activities[4]							

[1] If deviations were noted in a previous deviation report , put an "X" under "previous". If deviations were noted in the current deviation report (i.e. for the last six months of the annual reporting period), put an "X" under "current". Mark both columns if both apply.

[2] Note whether the method(s) used to determine the compliance status with each term and condition was the method(s) specified in the permit. If it was not, mark "no" and attach additional information/explanation.

[3] Note whether the compliance status with of each term and condition provided was continuous or intermittent. "Intermittent Compliance" can mean either that noncompliance has occurred or that the owner or operator has data sufficient to certify compliance only on an intermittent basis. Certification of intermittent compliance therefore does not necessarily mean that any noncompliance has occurred.

NOTE:

The Periodic Monitoring requirements of the Operating Permit program rule are intended to provide assurance that even in the absence of a continuous system of monitoring the Title V source can demonstrate whether it has operated in continuous compliance for the duration of the reporting period. Therefore, if a source 1) conducts all of the monitoring and recordkeeping required in its permit, even if such activities are done periodically and not continuously, and if 2) such monitoring and recordkeeping does not indicate non-compliance, and if 3) the Responsible Official is not aware of any credible evidence that indicates non-compliance, then the Responsible Official can certify that the emission point(s) in question were in continuous compliance during the applicable time period.

[4] Compliance status for these sources shall be based on a reasonable inquiry using readily available information.

II. Status for Accidental Release Prevention Program:

A. This facility _____ is subject _____ is not subject to the provisions of the Accidental Release Prevention Program (Section 112(r) of the Federal Clean Air Act)

B. If subject: The facility _____ is _____ is not in compliance with all the requirements of section 112(r).

1. A Risk Management Plan _____ will be _____ has been submitted to the appropriate authority and/or the designated central location by the required date.

III. Certification

All information for the Annual Compliance Certification must be certified by a responsible official as defined in Colorado Regulation No. 3, Part A, Section I.B.38. This signed certification document must be packaged with the documents being submitted.

I have reviewed this certification in its entirety and, based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this certification are true, accurate and complete.

Please note that the Colorado Statutes state that any person who knowingly, as defined in § 18-1-501(6), C.R.S., makes any false material statement, representation, or certification in this document is guilty of a misdemeanor and may be punished in accordance with the provisions of § 25-7 122.1, C.R.S.

_____

Printed or Typed Name Title

_____

Signature Date Signed

NOTE: All compliance certifications shall be submitted to the Air Pollution Control Division and to the Environmental Protection Agency at the addresses listed in Appendix D of this Permit.

APPENDIX D
Notification Addresses

1. **Air Pollution Control Division**

Colorado Department of Public Health and Environment
Air Pollution Control Division
Operating Permits Unit
APCD-SS-B1
4300 Cherry Creek Drive S.
Denver, CO 80246-1530

ATTN: Jim King

2. **United States Environmental Protection Agency**

Compliance Notifications:

Office of Enforcement, Compliance and Environmental Justice
Mail Code 8ENF-T
U.S. Environmental Protection Agency, Region VIII
1595 Wynkoop Street
Denver, CO 80202-1129

Permit Modifications, Off Permit Changes:

Office of Partnerships and Regulatory Assistance
Air and Radiation Programs
Mail Stop 8P-AR
U.S. Environmental Protection Agency, Region VIII
1595 Wynkoop Street
Denver, CO 80202-1129

APPENDIX E
Permit Acronyms

Listed Alphabetically:

AIRS	-	Aerometric Information Retrieval System
AP-42	-	EPA Document Compiling Air Pollutant Emission Factors
APEN	-	Air Pollution Emission Notice (State of Colorado)
APCD	-	Air Pollution Control Division (State of Colorado)
ASTM	-	American Society for Testing and Materials
BACT	-	Best Available Control Technology
bbl	-	Barrel(s)
BMP	-	Best Management Practices
BTU	-	British Thermal Unit
CAA	-	Clean Air Act (CAAA = Clean Air Act Amendments)
CCR	-	Colorado Code of Regulations
CEM	-	Continuous Emissions Monitor
CF	-	Cubic Feet (SCF = Standard Cubic Feet)
CFR	-	Code of Federal Regulations
CO	-	Carbon Monoxide
CO_2	-	Carbon Dioxide
CRS	-	Colorado Revised Statute
EF	-	Emission Factor
EPA	-	Environmental Protection Agency
FR	-	Federal Register
LBS	-	Pounds
M	-	Thousand
MM	-	Million
MMscf	-	Million Standard Cubic Feet
MMscfd	-	Million Standard Cubic Feet per Day
MSDS	-	Material Safety Data Sheet
NOx	-	Nitrogen Oxides
NESHAP	-	National Emission Standards for Hazardous Air Pollutants
NSPS	-	New Source Performance Standards
NSR	-	New Source Review
O_2	-	Oxygen
PM	-	Particulate Matter
PM_{10}	-	Particulate Matter Under 10 Microns
PSD	-	Prevention of Significant Deterioration
QA	-	Quality Assurance
QC	-	Quality Control
RACT	-	Reasonably Available Control Technology
SCC	-	Source Classification Code
SCF	-	Standard Cubic Feet
SIC	-	Standard Industrial Classification

SO_2	-	Sulfur Dioxide
TPY	-	Tons Per Year
VOC	-	Volatile Organic Compounds

APPENDIX F
Permit Modifications

DATE OF REVISION	TYPE OF REVISON	SECTION NUMBER, CONDITION NUMBER	DESCRIPTION OF REVISION
July 10, 2009	Minor Modification	Section 1, Conditions 1.1 & 2.1	Revised the conditions to reflect ozone nonattainment status
		Section 1, Condition 1.3	Revised the statement of modification
		Section 1, Condition 1.4 and 1.5	Separated Condition 1.4 into Conditions 1.4 and 1.5. Updated the description of State-only requirements in Condition 1.4
		Section 1, Condition 4.1	Updated Facility ID P141 (AIRS Point 019) description in the Summary of Emission Units Table to include new equipment related to the molecular sieve and natural gasoline denaturant tank.
		Section II	Removed note at the beginning of Section II
		Section II, Condition 8	Added new emission points and associated emission factors under VOC emissions list for the molecular sieve, denaturant receiving and denaturant storage. Truck Loadout emission factor changed to 0.088 lb/ton. Included new conditions 8.4, 8.5 and 8.6 related to Regulation No. 7 requirements for transfer and storage of petroleum liquids in nonattainment areas. Added requirement to record monthly amount of natural gasoline received in the Denaturant Tank.
		Section II, Condition 16	Updated language which referenced a previous modification as the current issuance.
		Section III	Corrected citation in the permit shield
		Section IV	Updated General Conditions to the newest version (2/20/2007)
		Appendices	Updated description of Area 14 in Appendices B, C and H. Updated language in Appendix H to require VOC emission calculations for all units listed as VOC emission Sources in Section II, Table 8. Corrected the EPA mailing address in Appendix D

APPENDIX G
Required Reports

REPORT	Applicable Requirement	DUE DATE(S)
Accidental Release Program (112(r))	Risk Management Plan and Certification that Plan Submitted	June 20, 1999
PSD Permit Excess Emissions	PSD Permit	Notify not more than 48 hours after discovery during periods of startup, shutdown, equipment malfunction, or process upset. Provide written information not more than 10 days after discovery (see Condition 12).
Semi-annual Monitoring Report (Also serves to meet the "Prompt Deviation" Reporting requirements)	Part 70 and Colorado Regulation No. 3, Part C	Six months after permit issuance date and every six months thereafter - postmarked no later than 30 days after due date. Must be received by close of business on due date (see Note on page after cover page).
Annual Compliance Certification	Part 70 and Regulation No. 3, Part C	One year after permit issuance date and every year thereafter - postmarked no later than 30 days after due date. Must be received by close of business on due date (see Note on page after cover page).
Excess Emissions	Section II.E of the Common Provisions	Notify no later than 2 hours after start of next working day
Emergency Conditions	Colorado Regulation No. 3, Part C, VII.	Oral notice no later than noon of the next working day, written notice within one month
APEN	Colorado Regulation No. 3, Part B	See Section V, Condition 22.e of this permit
Off Permit Changes	Colorado Regulation No. 3, Part C, XII.B	Contemporaneous with change
Section 502(b)(10) Changes	Colorado Regulation No. 3, Part C, XII.A	7 days advance notice
New Source Performance Standards	40 CFR Part 60, Subpart Dc	Notice of construction, anticipated startup, actual startup Semi-annual report postmarked within 30 days of end of six month period

APPENDIX H
Compliance Monitoring Plan

This appendix contains the methods by which the permittee will monitor compliance with the terms and conditions of this Operating Permit. The appendix follows the same numbering sequence as Section II of the permit. The Fort Collins Brewery may use a calculation spreadsheet or another electronic document to track production, throughput, and emissions for all areas of the brewery. Nevertheless, where this plan indicates records will be maintained electronically, the data used to input data (i.e., actual fuel meter, beer meter, case counter data), shall be maintained for Division inspection upon request.

31. AREA 2 – GRAINS HANDLING

P021 - Grain Unloading
P022 -Barley Malt Conveyor
P023 -Rice Grain and Grits Conveyor
P024 -Grain Transfer and Storage #1
P222 – Barley Malt Conveying #2
P223 – Rice Grain and Grits Conveying #2
P224 – Grain Transfer and Storage #2
P025 -Grain Milling and Weighing #1
P225 - Grain Milling and Weighing #2

Condition 2.1 Grain Throughput Limits The amount of grain processed through grain unloading (P021) is determined via electronic records. The amount of grain processed through conveying is determined from electronic records. Records shall be kept of all grain receipts and rolling 12 month total throughput for Division inspection upon request. The calculations for throughput will be documented electronically.

Condition 2.2 PM Emission Limits The monthly grain throughput records required in Condition 2.1 and the bagfilter operating and maintenance procedures required in Condition 2.3 shall be used to monitor compliance with the annual emissions limits (except for P025). For P025, the monthly throughput records, along with the listed emission factors and appropriate control efficiency shall be used to calculate monthly emissions. Records of the monthly emission calculations for P025 shall be maintained and made available for inspection upon request. The records will be documented electronically.

For APEN reporting and fee purposes, annual estimated PM and PM_{10} emissions (tons/year) shall be calculated using the actual annual grain throughputs, the emission factors listed in Section II, Table 2, and appropriate control equipment collection efficiencies. Records of the emissions estimates shall be maintained and made available to the Division for inspection upon request. The records will be documented electronically.

NOTE: If the bagfilters are maintained and inspected properly, as required under Condition 2.3, the following control efficiencies may be assumed for emission calculations: 99.7% for each bagfilter.

Condition 2.3 PM gr/scf Limit

Stack Testing

Performance testing for particulate emissions shall be performed once per five-year permit term, in accordance with the requirements and procedures set forth in EPA Test Method 5 as set forth in 40 CFR Part 60, Appendix A. The length of time between performance tests shall be at least three years. The permittee is required to perform such test on only one representative control device in Area 2. A stack testing protocol shall be submitted for Division approval at least thirty (30) calendar days prior to any performance test required under this condition. The Division reserves the right to witness the test. In order to facilitate the Division's ability to make plans to witness the test, notice of the date(s) for the stack test shall be submitted to the Division at least thirty (30) calendar days prior to the test. The Division may for good cause shown, waive this thirty (30) day notice requirement. In instances when a scheduling conflict is presented, the Division shall immediately contact the permittee in order to explore the possibility of making modifications to the stack test schedule. The required number of copies of the compliance test results shall be submitted to the Division within forty-five (45) calendar days of the completion of the test unless a longer period is approved by the Division. The protocol shall identify which representative control device will be tested and information to support that the device is representative of the control devices in Area 2.

Note: As of the renewal date of this permit, the last performance test was conducted on July 29, 2004.

Bagfilter Operation and Maintenance

Routine maintenance of and operational procedures performed on the baghouses shall be conducted in accordance with manufacturer's specifications and/or good engineering practices. These procedures shall be in written format. Records of the maintenance work performed shall be maintained and made available to the Division for inspection upon request.

Conditions 2.4 through 2.7 Opacity Limits An EPA Reference Method 9 visual opacity observation (in accordance with 40 CFR Part 60, Appendix A, as adopted by reference in Colorado Regulation No. 6, Part A) shall be performed at one representative baghouse at least semiannually. If any such observation indicates an exceedance of the limit, additional observations shall be performed. Subject to the provisions of C.R.S. 25-7-123.1 and in the absence of credible evidence to the contrary, exceedance of the limit shall be considered to exist from the time a Method 9 reading is taken that shows an exceedance of the opacity limit until a Method 9 reading is taken that shows the opacity is less than the opacity limit. All EPA Reference Method 9 readings shall be conducted by a certified observer.

Records of the results of Method 9 readings and a copy of the Method 9 reader's certification shall be kept on site and made available to the Division upon request. Copies of any observations exceeding the applicable standard(s) shall be submitted with the next scheduled report.

At all other times, in the absence of credible evidence to the contrary, compliance with the opacity limits shall be assumed provided the Operating and Maintenance Plan requirements set forth for Condition 2.3 are met.

3. Brewing (Areas 3, 4, 5, 6 and 7)

AREA 3 - Brewhouse

P031,032,033,034, 331, 332, 333 - Seven (7) Mash Cookers
P035,036, 335 - Three (3) Huppman Lauter Tubs
P037,038,039, 337, 338 - Five (5) 24,335 Gallon Huppman Brewkettles

AREA 4 – Starting Cellar

P041, P042, and P441: Three (3) Wort Aerators

AREA 5 – Fermenting Cellar

P051 and P052 - Alpha Drop Receivers
P551 – Thirty three (33) Alpha Fermentation Tanks

AREA 6 – Chip Cellar and Annex

P061 - P066 - Six (6) Chip Washers
P067 - 170 Beechwood Chip Tanks
P667 -Eighteen (18) Large Unitanks and Two (2) Small Unitanks

AREA 7 – Schoene and Finishing

P 33 Schoene/Finishing Tanks
P68 & P69 Two (2) Yeast Separators
P34 -Schoene Cooler/Receiver

Condition 3.1 Beer Production Limits Beer meters and case counters are used to monitor the amount of beer packaged. Records of monthly amounts shall be maintained and made available to the Division for inspection upon request. The records will be documented electronically.

Condition 3.2 VOC Emission Limits The production records required in Condition 3.1 shall be used to monitor compliance with emission limits.

For APEN reporting and fee purposes, annual estimated VOC emissions (tons/year) shall be calculated using the actual annual beer production and the emission factors listed in the Section II Table 3. Records of the emissions estimates shall be maintained and made available to the Division for inspection upon request.

Condition 3.3 BACT/Efficient Process Operation The permittee shall commit operating procedures which prevent and reduce VOC emissions during each of the Area operations to a written format. Such procedures shall be followed by brewery personnel. Procedures shall be available for personnel reference. Procedures shall be made available to the Division for inspection upon request. The procedures shall be reviewed and updated as necessary prior to submittal of an application for renewal of this permit. The application for renewal shall indicate if any changes are made to the procedures.

4. AREA 8 – Packaging and Shipping

P080 - P085, P087-P089 - Bottle and Can Filler Lines
P086 - Ink Coding Process

Condition 4.1 Production Limits Beer meters and case counters are used to monitor the amount of beer packaged. For APEN reporting purposes, the permittee will need to maintain separate records of the amounts of beer processed through the bottle lines and the can lines. The permittee shall maintain records of the amount of ink coding fluid used. Records of monthly amounts of beer produced and ink fluid used shall be maintained and made available to the Division for inspection upon request. The records will be documented electronically, and will include the required twelve month rolling average.

Condition 4.2 VOC Emission Limits The production records required in Condition 4.1 are used to monitor compliance with the filling line emission limits. Ink coding fluid usage records are used to monitor compliance with the ink coding process emission limits, provided the VOC content of the fluid remains the same. If the VOC content of the fluid changes, monthly emissions shall be calculated using a mass balance approach based on MSDS information and most recent VOC content. Records of any necessary monthly emission calculations shall be maintained. Emission calculations will be documented electronically. All records shall be made available for inspection upon request.

For APEN reporting and fee purposes, annual estimated VOC emissions (tons/year) shall be calculated using the actual annual beer production and ink coding fluid usage and the emission factors listed in Section II, Table 4. Records of the emissions estimates shall be maintained and made available to the Division for inspection upon request.

Condition 4.3 BACT/Process Loss Tracking and Improvement Plan Written procedures shall be followed by Area 8 personnel. A copy of the procedures shall be available for personnel reference. Procedures shall be made available to the Division for inspection upon request. The procedures shall be reviewed and updated as necessary prior to submittal of an application for renewal of this permit. The application for renewal shall indicate if any changes are made to the procedures.

5. AREA 9 – Utilities (Boilers)

B091 - B094 - Four (4) 99 mmBtu/hour Boilers
Natural Gas and Diesel Fuel Fired

Condition 5.1.1 Annual PM Emission Limits Compliance shall be monitored by meeting the fuel usage limits set forth in Condition 5.6. When stack testing is required as set forth below, the results of the stack test required below, the actual fuel usage as required in Condition 5.6 and the heat content of the fuel as determined under Condition 8.8, shall be used to estimate monthly emissions. The permittee shall maintain records of the monthly emission calculations for inspection upon Division request. The records will be documented electronically.

Stack Testing

Performance testing for particulate emissions when firing fuel oil shall be performed within the first year of each term of any renewed permit. Testing shall be performed in accordance with the requirements and procedures set forth in EPA Test Method 5 as set forth in 40 CFR Part 60, Appendix A.

The permittee is required to perform such test on only one representative boiler.

A stack testing protocol shall be submitted for Division approval at least thirty (30) calendar days prior to any performance of the test required under this condition. No stack test shall be performed without prior written approval of the protocol by the Division.

The Division reserves the right to witness the test. In order to facilitate the Division's ability to make plans to witness the test, notice of the date(s) for the stack test shall be submitted to the Division at least thirty (30) calendar days prior to the test. The Division may for good cause shown, waive this thirty day notice requirement. In instances when a scheduling conflict is presented, the Division shall immediately contact the permittee in order to explore the possibility of making modifications to the stack test schedule.

The required number of copies of the compliance test results shall be submitted to the Division within forty-five (45) calendar days of the completion of the test unless a longer period is approved by the Division.

Condition 5.1.2 Short Term PM Emission Limits In the absence of credible evidence to the contrary, compliance with this emission limit shall be assumed whenever natural gas or fuel oil is used as a fuel.

Conditions 5.1.1 and 5.1.2

Annual PM Emission Calculations for APENS Reporting and payment of annual fees shall be determined using the actual fuel use and the emission factor listed in Section II, Table 5.

Condition 5.2.1 Annual SO_2 Emission Limits The actual fuel usage as required in Condition 5.5 and the sulfur and heat content of the fuel as determined under Condition 5.7, shall be used to estimate monthly emissions. The permittee shall maintain monthly records of the emission calculations for inspection upon Division request. This method shall also be used for APEN reporting and fee purposes.

Condition 5.2.2 Short Term Hourly SO_2 Limit Compliance with this limit shall be monitored using the fuel usage records required in Condition 5.5 and by maintaining records of the lb/mmBtu rate determined under Condition 5.7.

Condition 5.2.3 Short Term SO_2 lb/mmBtu Limit for Fuel Oil Burning Compliance with this standard shall be demonstrated on a semi-annual basis using the actual sulfur content and heat content of the fuel oil, as determined by fuel sampling required under Condition 5.7 of this permit.

Conditions 5.3.1 – 5.3.3 NOx Emission Limits A CEM system shall be installed, calibrated, maintained and operated to determine NOx emissions. Compliance with these standards shall be monitored using the continuous emission monitor (CEM) required by Condition 5.8 of this permit. (PSD Permit). The CEM data shall be used for APEN reporting and fee purposes.

Condition 5.4.1 Annual VOC and CO Limits Compliance with the annual emission limits shall be monitored using the monthly fuel usage as recorded according to Condition 5.5. The permittee shall maintain monthly records of the emission calculations for inspection upon Division request. The records will be maintained electronically.

Condition 5.4.2 Hourly VOC and CO Limits The hourly fuel usage records as required under Condition 5.5 shall be used to monitor compliance with the hourly limits.

For APEN reporting and fee purposes, annual CO and VOC emissions (tons/year) shall be calculated using the actual annual fuel usage and the emission factors listed above (AP-42, Sections 1.3 and 1.4, September, 1998). After the stack test required below is performed, the appropriate CO emission factor shall be used.

Condition 5.5 Fuel Use Limits Monthly and hourly records of the actual consumption shall be maintained by the applicant and made available for inspection upon request. The records will be maintained electronically. Flow meters are used to monitor the amounts of natural gas, and diesel fuel consumed. The flow meters shall be calibrated annually.

Condition 5.6 Fuel Sulfur Content Limits The sulfur content of each load of diesel fuel received must be determined, recorded, and provided to the Division for inspection upon request, according to the procedures set forth in Condition 5.7.

Condition 5.7 Heat Content of Fuel oil shall be sampled on occasions when each load of diesel fuel is received to determine the heat content and weight percent sulfur. Fuel shall be sampled and analyzed using appropriate ASTM methods or equivalent, if approved in advance by the Division:

The permittee shall maintain records of the sulfur content of each delivery of fuel oil (PSD Permit). Alternatively, vendor receipts, invoices, contracts, or other similar information may be used to provide the values for sulfur and heat content. Such alternative information shall indicate that the fuel sampling and analysis has been performed in accordance with the ASTM procedures, or equivalent, identified above.

Condition 5.8 Continuous Emission Monitoring System

CEM Systems QA/QC Plan

The permittee shall follow the Division approved quality assurance/quality control plan. This plan shall be made available to the Division upon request.

General Provisions

The permittee shall ensure that all continuous emission monitoring systems required are in operation and monitoring unit emissions at all times that the boilers combust any fuel except during periods of calibration, quality assurance, or preventative maintenance, periods of repair, periods of backups of data from a data acquisition and handling system or recertification.

Alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring systems shall not be used without having obtained prior written approval from the Division. Any alternative continuous emission monitoring systems must be certified in accordance with the requirements of 40 CFR Part 60 prior to use.

All test and monitoring equipment, methods, procedures and reporting shall be subject to the review and approval by the Division prior to any official use. The Division shall have the right

to inspect such equipment, methods and procedures and data obtained at any time. The Division shall provide a witness(es) for any and all tests as Division resources permit.

A file shall be maintained of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by applicable portions of 40 CFR Part 60 recorded in a permanent form suitable for inspection.

Records shall be maintained of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the source; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Notification and Recordkeeping

The owner or operator of a facility required to install, maintain, and calibrate continuous monitoring equipment shall submit to the Division, by the end of the calendar month following the end of each calendar quarter, a report of excess emissions for all pollutants monitored for that quarter. This report shall consist of the following information and/or reporting requirements as specified by the Division.

The magnitude of excess emissions computed in accordance with Division guidelines, any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions.

The nature and cause of the excess emissions, if known.

The date and time identifying each period of equipment malfunction and the nature of the system repairs or adjustments, if any, made to correct the malfunction.

A schedule of the calibration and maintenance of the continuous monitoring system.

Compliance with the reporting requirements of this section shall not relieve the owner or operator of the reporting requirements of Section II.E of the Common Provisions Regulation concerning upset conditions and breakdowns.

Conditions 5.11, 5.12 and 5.13 Opacity Limits In the absence of credible evidence to the contrary, compliance with this opacity limit shall be presumed whenever natural gas is used as a fuel at this facility. If fuel oil is used during the reporting period, the following procedures apply.

Routine Test Fires - Compliance with this requirement shall be demonstrated by conducting emissions observations in accordance with EPA Reference Method 9. One Method 9 reading shall be performed within one hour of commencement of startup, but before the end of startup, once per calendar year, for each boiler undergoing a test fire. In addition, a reading shall be conducted within 24 hours of completion of startup, once every six months, if applicable.

Natural Gas Curtailment - Compliance with this requirement shall be demonstrated by conducting emissions observation in accordance with EPA Method 9. Readings shall be conducted within one hour of commencement of startup and every 24 hours thereafter during startup, if applicable. If applicable, a reading shall be conducted within 24 hours of completion of startup. Readings shall be conducted quarterly (minimum six week separation), during normal operations, when diesel fuel is combusted.

If any observation indicates an exceedance of the limit, additional observations shall be performed. Subject to the provisions of C.R.S. 25-7-123.1 and in the absence of credible evidence to the contrary, exceedance of the limit shall be considered to exist from the time a Method 9 reading is taken that shows an exceedance of the opacity limit until a Method 9 reading is taken that shows the opacity is less than the opacity limit. The permittee shall maintain records of the days on which fuel oil is used. These records, results of Method 9 readings, and a copy of the Method 9 reader's certification, shall be maintained and made available to the Division for inspection upon request. Copies of observations exceeding the applicable standard shall be submitted with the next scheduled report.

Condition 5.10 Boiler Heat Input Limits The hourly and monthly fuel usage records required in Condition 5.5 and the heat content values resulting from the fuel sampling required in Condition 5.7 shall be used to monitor compliance with this applicable requirement.

6. **AREA 9 - Utilities**

P095, P096, and P995 – Three (3) Whittemen Hasselberg CO_2 Regeneration Systems

P097 - Carbon Filtration Tower

Condition 6.1 Beer Production Limits Beer meters and case counters are used to monitor the amount of beer packaged. Records of monthly amounts shall be maintained and made available to the Division for inspection upon request. The records will be maintained electronically.

Condition 6.2 VOC Emission Limits The production records required in Condition 6.1 are used to monitor compliance with emission limits.

For APEN reporting and fee purposes, annual estimated VOC emissions (tons/year) shall be calculated using the actual annual beer production and the emission factors listed in Section II, Table 6. Records of the emissions estimates shall be maintained and made available to the Division for inspection upon request. The records will be maintained electronically.

7. AREA 13 – WASTEWATER PUMPING STATION

P131 – Wastewater Influent Screens

Condition 7.1 Throughput Rate Beer meters and case counters are used to monitor the amount of beer packaged. Records of monthly amounts shall be maintained and made available to the Division for inspection upon request. The records will be maintained electronically.

Records of the monthly calculations shall be maintained and made available to the Division for inspection upon request.

Condition 7.2 VOC Emission Limits For APEN reporting and fee purposes, annual VOC emissions shall be estimated using the actual annual throughput and the emission factor listed above ("Summary Report on Diagnostic Testing," Clean Air Engineering, October 29, 1992). Records of the emissions estimates shall be maintained and made available to the Division for inspection upon request.

The throughput records required in Condition 7.1 are used to monitor compliance with emission limit.

8. AREA 14 – Alcohol Distillation

P141 – APV Crepaca Alcohol Distillation Unit with Molecular Sieve, Ethanol Truck Loadout and 3,000 gallon Denaturant Tank (natural gasoline)

Condition 8.1 Throughput Rate The quantity of alcohol reclaimed is tracked through records detailing the amount of alcohol sold. Records of monthly amounts shall be maintained and made available to the Division for inspection upon request. The records will be maintained electronically.

Condition 8.2 Emission Calculations Uncontrolled actual VOC emissions from the Distillation Condenser Vents, the Distillation Tanks, Sieve Regeneration, Truck Loadout and Denaturant Receiving and Storage shall be estimated using the emission factors in Section II, Table 8 and the actual throughputs recorded under Condition 8.1. Note that the emission factors do not include control from the vapor recovery unit (actual controlled VOC emissions may be estimated using 90% control efficiency for sieve regeneration, denaturant receiving, and truck loadout during periods that the vapor recovery unit is in operation for these activities). Records of the emissions estimates shall be maintained and made available to the Division for inspection upon request. The records will be maintained electronically.

9. AREA 18 – Diesel Fuel Storage Area

T181 – Diesel Fuel Storage Tank, 600,600 Gallons

Condition 9.1 Diesel fuel Storage and Throughput Records of fuel stored shall be maintained and made available to the Division upon request.. The tank is equipped with a level transmitter that registers tank fluid levels and meters which record flows. Records of monthly amounts shall be maintained and made available to the Division for inspection upon request. The records will be maintained electronically.

Condition 9.2 VOC Emission Limits Throughput records as required under Condition 9.1 shall be used to monitor compliance with the annual emission limit.

For APEN reporting and fee purposes, annual storage tank VOC emissions shall be estimated using the actual annual throughput and the emission factor/method listed in Section II, Table 9. Records of the emission

calculations shall be maintained for Division inspection upon request. These results from TANKS will be maintained electronically.

Condition 10 Construction Permit Exempt Sources – Ammonia Refrigeration System Records of the annual actual throughputs for these processes shall be maintained and made available for inspection upon request.

For APEN reporting and fee purposes, annual estimated emissions of reportable pollutants shall be calculated using the actual annual throughputs recorded under Condition 10.1, and appropriate emission factors and control equipment efficiencies.