Bay Area Air Quality Management District

375 Beale Street, Suite 600
San Francisco, CA 94105
(415) 771-6000

Final

MAJOR FACILITY REVIEW PERMIT

Issued to:

Anheuser-Busch, LLC
Facility #A0606

Facility Address:
3101 Busch Drive
Fairfield, CA 94534

Mailing Address:
3101 Busch Drive Fairfield, CA 94534

Responsible Official	**Facility Contact**
Anthony Sanfillipo, Plant Manager	Connie Gordon, Environmental Manager
(707) 429-2000	(707) 429-7566

Type of Facility:	**Brewery**	BAAQMD Permit Division Contact:
Primary SIC:	2082	Dharam Singh
Product:	Beer	

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Signed by Damian Breen for Jack P. Broadbent _ August 1, 2016
Jack P. Broadbent, Executive Officer/Air Pollution Control Officer Date

TABLE OF CONTENTS

I. STANDARD CONDITIONS

A. Administrative Requirements

The permit holder shall comply with all applicable requirements in the following regulations:
BAAQMD Regulation 1 – General Provisions and Definitions
(as amended by the District Board on 5/4/11);
SIP Regulation 1 – General Provisions and Definitions
(as approved by EPA through 6/28/99);
BAAQMD Regulation 2, Rule 1 – Permits, General Requirements
(as amended by the District Board on 4/18/12);
SIP Regulation 2, Rule 1 – Permits, General Requirements
(as approved by EPA through 1/26/99);
BAAQMD Regulation 2, Rule 2 – Permits, New Source Review
(as amended by the District Board on 6/15/05);
SIP Regulation 2, Rule 2 – Permits, New Source Review and Prevention of Significant Deterioration
(as approved by EPA through 1/26/99);
BAAQMD Regulation 2, Rule 4 – Permits, Emissions Banking
(as amended by the District Board on 12/21/04); and
SIP Regulation 2, Rule 4 – Permits, Emissions Banking
(as approved by EPA through 1/26/99).
BAAQMD Regulation 2, Rule 5 – New Source Review of Toxic Air Contaminants
(as amended by the District Board on 01/06/10);
BAAQMD Regulation 2, Rule 6 – Permits, Major Facility Review
(as amended by the District Board on 4/16/03); and
SIP Regulation 2, Rule 6 – Permits, Major Facility Review
(as approved by EPA through 6/23/95)

B. Conditions to Implement Regulation 2, Rule 6, Major Facility Review

1. This Major Facility Review Permit was issued on August 1, 2016 and expires on July 30, 2021. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than January 30, 2021 and no earlier than July 30, 2020. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after July 30, 2021.** If the permit renewal has not been issued by July 30, 2021, but a complete application for renewal has been submitted in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. (Regulation 2-6-307, 404.2, 407 & 409.6; MOP Volume II, Part 3, §4.2)
2. The permit holder shall comply with all conditions of this permit. The permit consists of this document and all appendices. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or denial of a permit renewal application. (Regulation 2-6-307; MOP Volume II, Part 3, §4.11)
3. In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)

I. Standard Conditions

4. This permit may be modified, revoked, reopened and reissued, or terminated for cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)
5. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
6. This permit does not convey any property rights of any sort, or any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit which the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District's Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)
9. Proprietary or trade secret information provided to EPA will be subject to the requirements of 40 CFR Part 2, Subpart B - Public Information, Confidentiality of Business Information. (40 CFR Part 2)
10. The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)
11. The responsible official shall certify all documents submitted by the facility pursuant to the major facility review permit. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certifications shall be signed by a responsible official for the facility. (Regulation 2-6-409.20, MOP Volume II, Part 3, §4.11)
12. The permit holder is responsible for compliance, and certification of compliance, with all conditions of the permit, regardless of whether it acts through employees, agents, contractors, or subcontractors. (Regulation 2-6-307)

I. Standard Conditions

C. Requirement to Pay Fees

The permit holder shall pay annual fees in accordance with District Regulation 3, including Schedule P. (Regulation 2-6-402 & 409.13, Regulation 3; MOP Volume II, Part 3, §4.12)

D. Inspection and Entry

Access to Facility: The permit holder shall provide reasonable access to the facility and equipment which is subject to this permit to the APCO and/or to his or her designee. (Regulation 1-440, Regulation 2-6-409.3; MOP Volume II, Part 3, §4.14)

E. Records

1. The permit holder must provide any information, records, and reports requested or specified by the APCO. (Regulation 1-441, Regulation 2-6-409.4)
2. Notwithstanding the specific wording in any requirement, all records for federally enforceable requirements shall be maintained for at least five years from the date of creation of the record. (Regulation 2-6-501, MOP Volume II, Part 3, §4.7)

F. Monitoring Reports

Reports of all required monitoring must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. Reports shall cover the following periods: September 1st through February 28th or 29th and March 1st through August 31st, and are due on the last day of the month after the end of the reporting period. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent by mail to the following address or by e-mail to compliance@baaqmd.gov:

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
Attn: Title V Reports

(Regulation 2-6-502; MOP Volume II, Part 3, §4.7)

G. Compliance Certification

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. The certification period will be March 1st through February 28th or 29th. The certification shall be submitted by March 31st of each year. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to

I. Standard Conditions

determine compliance, and any other specific information required by the permit. The certification should be directed to the District's Compliance and Enforcement Division at the address above, and a copy of the certification should be sent to the Environmental Protection Agency by mail to the Environmental Protection Agency at the following address or by e-mail to r9.aeo@epa.gov:

Director
Enforcement Division, TRI & Air Section (ENF-2-1)
USEPA Region 9
75 Hawthorne Street
San Francisco, California 94105

(MOP Volume II, Part 3, §4.5 and 4.15)

H. Emergency Provisions

1. The permit holder may seek relief from enforcement action in the event of a breakdown, as defined by Regulation 1-208 of the District's Rules and Regulations, by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)
2. The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit by applying to the District's Hearing Board for a variance pursuant to Health and Safety Code Section 42350. The Hearing Board will determine after notice and hearing whether variance relief should be granted in accordance with the procedures and standards set forth in Health and Safety Code Section 42350 et seq. (MOP Volume II, Part 3, §4.8)
3. The granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement. (MOP Volume II, Part 3, §4.8)

I. Severability

In the event that any provision of this permit is invalidated by a court or tribunal of competent jurisdiction, or by the Administrator of the EPA, all remaining portions of the permit shall remain in full force and effect. (Regulation 2-6-409.5; MOP Volume II, Part 3, §4.10)

J. Miscellaneous Conditions

1. The maximum capacity for each source as shown in Table II-A is the maximum allowable capacity. Exceedance of the maximum allowable capacity for any source is a violation of Regulation 2, Rule 1, Section 301. (Regulation 2-1-301)

K. Accidental Release

This facility is subject to 40 CFR Part 68, Chemical Accident Prevention Provisions. The permit holder shall submit a risk management plan (RMP) by the date specified in §68.10. The permit holder shall also certify compliance with the requirements of Part 68 as part of the annual compliance certification, as required by Regulation 2, Rule 6. (40 CFR Part 68, Regulation 2, Rule 6)

II. EQUIPMENT

Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
S-1	Boiler #1, fired by natural gas; No. 2 fuel oil used for standby	Babcock & Wilcox	103-97	119 MM BTU/hour
S-2	Boiler #2, fired by natural gas; No. 2 fuel oil used for standby	Babcock & Wilcox	103-97	119 MM BTU/hour
S-3	Boiler #3, fired by natural gas; No. 2 fuel oil used for standby	Babcock & Wilcox	103-97	119 MM BTU/hour
S-11	Grain Unloading	MD Pneumatic	MM-17-12015	40 ton/hour 350,400 tons/year
S-14	Silo Unloading Hopper & Standby Exhauster	Roots Connersville	RAS-717-J	16 ton/hour 93,907 tons/year
S-15	Mash Cooker #1	Custom Built		7,920 bbls/day 2,891 Mbbls/year
S-16	Mash Cooker #2	Custom Built		7,920 bbls/day 2,891 Mbbls/year
S-23	Hot Wort Tank	Barry Blower	165	65,000 gallons/hour 15,306 Mbbls/year
S-24	Wort Aerator /Cooler #1	Custom Built		20,460 gallons/hour 3,855 Mbbls/year
S-25	Wort Aerator /Cooler #2	Custom Built		20,460 gallons/hour 3,855 Mbbls/year
S-36	Grain Dust Transfer	Buhler -Miag Sutorbilt	6MB	0.45 ton/hour 3,942 tons/year
S-41	Chip Washers 1 through 4	Debothelat		0.375 ton/hour 3,285 tons/year
S-52	Keg Washer	Axial		500 Kegs/hour 4,492.8 Mkegs/year
S-97	Mash Cooker #3	Barry-Blower	222	4,250 gallons/hour 550 Mbbls/year
S-98	Mash Cooker #4	Barry-Blower	222	4,250 gallons/hour 550 Mbbls/year
S-120	Case Coder, Line 40	Diagraph		5 gallons

II. Equipment

Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
S-124	Alpha Fermentation Tanks/Carbon Deodorizers (2)	Custom Built		43,400 gallons/tank
S-125	Precoat Tank	Letsch Corp.		1000 gallons
S-126	Body Feed Tank #1	Letsch Corp.		1300 gallons
S-127	Body Feed Tank #2	Letsch Corp.		1300 gallons
S-128	Case Coder, Line 50	Diagraph		5 gallons
S-130	D.E./Perlite Storage Silo	Custom Built		7,030 cubic feet 72 tons/year
S-131	Case Coder, Line 1	Diagraph		5 gallons
S-132	Keg Label Coder, Line 90	Linx	6800	2 quarts
S-133	Keg Label Coder, Line 90	Linx	6800	2 quarts
S-134	Air Pallet Unloader	Semi-Bulk Systems	0285XL	0.025 tons/hour 201 tons/year
S-135	Railcar Fumigation Venting	Spencer	SA-407	0.08 pounds/railcar
S-136	Slurry Injection Tank	Custom Built		1550 gallons
S-137	Slurry Mix Tank	Enerfab		1550 gallons
S-140	Grains Transfer and Storage	Buhler-Miag	25811	80,000 pounds/hour 350,400 tons/year
S-141	Grain Milling & Weighing (malt)	Seeger	CL-15	36,000 pounds/hour 157,680 tons/year
S-142	Grain Milling & Weighing (adjunct)	Buhler	412ROB	16,500 pounds/hour 72,270 tons/year
S-149	Lauter Tub	Ziemann or Huppman		420 bbls/hour
S-150	Brew Kettle No. 1	Ziemann or Huppman		507 bbls/hour
S-151	Brew Kettle No. 2	Ziemann or Huppman		507 bbls/hour
S-155	Can Filler, Line 50	Custom Made		8800 gal/hour
S-156	Fire Water Pump Standby Diesel Engine	Cummins		310 hp 2.4 MM BTU/hour
S-158	Bottle Filler No. 1 and Bottle Filler No. 2, Line 1	Krones		900 bottles/minute (each filler)
S-161	Videojet Coder, 1	Videojet	2000	2 quarts
S-162	Videojet Coder, Line 1	Videojet	2000	2 quarts

II. Equipment

Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
S-165	Standby Diesel Engine/Generator (diesel fuel)	John Deere		314 hp 10.6 MM BTU/hour
S-166	Bio-Energy Recovery System (BERS)			500 cfm Biogas
S-167	BERS Flare (enclosed)	John Zink	ZTOF	26.28 MMSCF/year
S-168	Can Filler Line 40	Krones Can Filler	1650	1650 cans/minute
S-169	Ink Jet Coder Bottle Line 1	VIDEOJET	XL 2000	
S-170	Ink Jet Coder Bottle Line 1	VIDEOJET	XL 2000	
S-171	Videojet Bottle Coder (Can Line 40)	VIDEOJET	VJ1620	
S-172	Videojet Bottle Coder (Can Line 40)	VIDEOJET	VJ1620	
S-173	Videojet Bottle Coder (Can Line 50)	VIDEOJET	VJ1620	
S-174	Videojet Bottle Coder (Can Line 50)	VIDEOJET	VJ1620	
S-175	Videojet Bottle Coder (Can Line 40)	VIDEOJET	VJ1620	
S-176	Videojet Bottle Coder (Can Line 50)	VIDEOJET	VJ1620	
S-177	Videojet Bottle Coder (Can Line 40)	VIDEOJET	170i	
S-178	Videojet Bottle Coder (Can Line 50)	VIDEOJET	Excel 2000	
S-179	Case Coder (Can Line 40)			

II. Equipment

Table II B - Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
A-12	Baghouse	S-140, S-141, S-142	Regulation 6-1-301, 6-1-310, and 6-1-311; SIP Regulation 6-301, 6-310, and 6-311	Normal differential pressure range: 0.5 to 6 inches of water column	0.15 gr/dscf
A-36	Baghouse	S-36	Regulation 6-1-301, 6-1-310, and 6-1-311; SIP Regulation 6-301, 6-310, and 6-311	Normal differential pressure range: 0.5 to 6 inches of water column	0.15 gr/dscf
A-51	Baghouse	S-11	Regulation 6-1-301, 6-1-310, and 6-1-311; SIP Regulation 6-301, 6-310, and 6-311	Normal differential pressure range: 1 to 6 inches of water column	0.01 gr/scf
A-52	Dry Inertial Collector	S-52	Regulation 6-1-301, 6-1-310, and 6-1-311; SIP Regulation 6-301, 6-310, and 6-311		N/A
A-54	Baghouse	S-14	Regulation 6-1-301, 6-1-310, and 6-1-311; SIP Regulation 6-301, 6-310, and 6-311	Normal differential pressure range: 1 to 6 inches of water column	0.01 gr/scf

II. Equipment

Table II B - Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
A-125	Baghouse	S-125, S-126, S-127	Regulation 6-1-301, 6-1-310, and 6-1-311; SIP Regulation 6-301, 6-310, and 6-311	Normal differential pressure range: 0.25 to 3 inches of water column	0.15 gr/dscf
A-130	Baghouse	S-130	Regulation 6-1-301, 6-1-310, and 6-1-311; SIP Regulation 6-301, 6-310, and 6-311	Normal differential pressure range: 0.5 to 4 inches of water column	0.15 gr/dscf
A-134	Baghouse	S-134, S-137	Regulation 6-1-301, 6-1-310, and 6-1-311; SIP Regulation 6-301, 6-310, and 6-311	Normal differential pressure range: 0.5 to 6 inches of water column	0.15 gr/dscf
A-166	Ferrous Chloride Injection – H2S control	S-166			90%
A-167	H2S Scrubber	S-166			95%

III. GENERALLY APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. These requirements apply in a general manner to the facility and/or to sources exempt from the requirement to obtain a District Permit to Operate. The District has determined that these requirements would not be violated under normal, routine operations, and that no additional periodic monitoring or reporting to demonstrate compliance is warranted. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more sources, the requirement and the source are also included in Section IV, Source-Specific Applicable Requirements, of this permit. This section also contains provisions that may apply to temporary sources.

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board of Directors
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full language of SIP requirements is on EPA Region 9's website. The address is

http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions

NOTE:

There are differences between the current BAAQMD rule and the version of the rule in the SIP. All sources must comply with both versions of the rule until US EPA has reviewed and approved the District's revision of the regulation.

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 1	General Provisions and Definitions (5/4/11)	N
SIP Regulation 1	General Provisions and Definitions (6/28/99)	Y
BAAQMD Regulation 2, Rule 1	Permits – General Requirements (4/18/12)	N
BAAQMD 2-1-429	Permits – Federal Emissions Statement (12/21/04)	N
SIP Regulation 2, Rule 1	Permits – General Requirements (1/26/99)	Y
SIP Regulation 2-1-429	Permits – Federal Emissions Statement (4/3/95)	Y
BAAQMD Regulation 2, Rule 5	Permits – New Source Review of Toxic Air Contaminants (1/6/10)	N
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
SIP Regulation 4	Air Pollution Episode Plan (8/6/90)	Y
BAAQMD Regulation 5	Open Burning (6/19/13)	N
SIP Regulation 5	Open Burning (9/4/98)	Y
BAAQMD Regulation 6, Rule 1	Particulate Matter – General Requirements (12/5/07)	N
SIP Regulation 6	Particulate Matter and Visible Emissions (9/4/98)	Y
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds – General Provisions (6/15/94)	Y
BAAQMD Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (7/20/05)	N
SIP Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (3/22/95)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds – Architectural Coatings (7/1/09)	Y
SIP Regulation 8, Rule 3	Organic Compounds – Architectural Coatings (1/2/04)	Y
BAAQMD Regulation 8, Rule 4	Organic Compounds – General Solvent and Surface Coating Operations (10/16/02)	Y
BAAQMD Regulation 8, Rule 15	Organic Compounds – Emulsified and Liquid Asphalts (6/1/94)	Y
BAAQMD Regulation 8, Rule 40	Organic Compounds – Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/05)	N
SIP Regulation 8, Rule 40	Organic Compounds – Aeration of Contaminated Soil and Removal of Underground Storage Tanks (4/19/01)	Y
BAAQMD Regulation 8, Rule 47	Organic Compounds – Air Stripping and Soil Vapor Extraction Operations (6/15/05)	N
SIP Regulation 8, Rule 47	Organic Compounds – Air Stripping and Soil Vapor Extraction Operations (4/26/95)	Y
BAAQMD Regulation 8, Rule 49	Organic Compounds – Aerosol Paint Products (12/20/95)	N
SIP Regulation 8, Rule 49	Organic Compounds – Aerosol Paint Products (3/22/95)	Y
BAAQMD Regulation 8, Rule 51	Organic Compounds – Adhesive and Sealant Products (7/17/02)	N
SIP Regulation 8, Rule 51	Organic Compounds – Adhesive and Sealant Products (2/26/02)	Y
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)	N
SIP Regulation 9, Rule 1	Inorganic Gaseous Pollutants – Sulfur Dioxide (6/8/99)	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants – Asbestos Demolition, Renovation and Manufacturing (10/7/98)	N

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance – Sandblasting (7/11/90)	Y
SIP Regulation 12, Rule 4	Miscellaneous Standards of Performance – Sandblasting (9/2/81)	Y
California Health and Safety Code Section 41750 et seq.	Portable Equipment	N
California Health and Safety Code Section 44300 et seq.	Air Toxics "Hot Spots" Information and Assessment Act of 1987	N
California Health and Safety Code Title 17, Section 93115	Airborne Toxic Control Measure for Stationary Compression Ignition Engines (5/19/11)	N
California Health and Safety Code Title 17, Section 93116	Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater (2/19/11)	N
40 CFR Part 61, Subpart M	National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (7/20/04)	Y
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (4/13/05)	
Subpart F, 40 CFR 82.156	Recycling and Emissions Reductions – Required Practices (1/11/05)	Y
Subpart F, 40 CFR 82.161	Recycling and Emissions Reductions – Technician Certification (3/12/04)	Y
Subpart F, 40 CFR 82.166	Recycling and Emissions Reductions – Reporting and Recordkeeping Requirements (1/11/05)	Y

IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. The requirements cited in the following tables apply in a specific manner to the indicated source(s).

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board

2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of SIP requirements can be found on the EPA Region 9 website and not included as part of the permit. The address is

http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions

All other text may be found in the regulations themselves.

Table IV – A
S-1, S-2, AND S-3 – BOILERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann No. 1 Limitation	N	
6-1-305	Visible Particulates	N	
6-1-310	Particulate Weight Limitation	N	
6-1-310.3	Particulate Weight Limitation, Heat Transfer Operation	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	

IV. Source-Specific Applicable Requirements

Table IV – A
S-1, S-2, AND S-3 – BOILERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	N	
9-1-302	General Emission limitations	N	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	N	
SIP Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (6/8/99)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-302	General Emission limitations	Y	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	
BAAQMD Regulation 9, Rule 7	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters (5/4/11)**		
9-7-307	Final Emission Limits	N	
9-7-307.7	Emission Limits-NOx & CO	N	
9-7-308	Compliance Schedule	N	
9-7-308.1	Effective Date	N	
9-7-311	Insulation Requirements	N	
9-7-312	Stack Gas Temperature Limits	N	
9-7-403	Initial Demonstration of Compliance	N	
9-7-503	Records	N	
9-7-503.2	Records of natural gas curtailment	N	
9-7-503.3	Records of equipment testing	N	
9-7-503.4	Source test records	N	
9-7-505	Original Manufacture Date	N	
9-7-506	Periodic testing	N	
9-7-603	Compliance Determination	N	
9-7-606	Certification, Initial Demonstration of Compliance and Periodic Test Methods.		
SIP Regulation 9, Rule 7	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters (12/15/97)**		
9-7-301	Emission Limits-Gaseous Fuel	Y	
9-7-301.1	Emission Limits-NOx	Y	

IV. Source-Specific Applicable Requirements

Table IV – A
S-1, S-2, AND S-3 – BOILERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
9-7-301.2	Emission Limits-CO	Y	
9-7-302	Emission Limits-Non-Gaseous Fuel	Y	
9-7-302.1	Emission Limits-NOx	Y	
9-7-302.2	Emission Limits-CO	Y	
9-7-303	Emission Limits-Gaseous and Non-Gaseous Fuel	Y	
9-7-305	Emission Limits-Natural Gas Curtailment-Non-Gaseous Fuel	Y	
9-7-305.1	Emission Limits-NOx	Y	
9-7-305.2	Emission Limits-CO	Y	
9-7-306	Emission Limit - Equipment Testing-Non-Gaseous Fuel	Y	
9-7-306.1	Emission Limits-NOx	Y	
9-7-306.2	Emission Limits-CO	Y	
9-7-503	Records	Y	
9-7-503.2	Records of natural gas curtailment	Y	
9-7-503.3	Records of equipment testing	Y	
9-7-503.4	Source test records	Y	
9-7-603	Compliance Determination	Y	
BAAQMD Condition #13032			
Part 1	Throughput Limit [Regulation 2-1-301]	Y	
Part 2	Oxides of Nitrogen Limit [Regulation 9-7-307.6]	Y	
Part 3	Carbon Monoxide Limit [Regulation 9-7-307.6]	Y	
Part 4	Annual Source Test Requirement [Regulation 2-6-409.2]	Y	
Part 5	Fuel Oil Sulfur Content Certification [Regulation 2-6-409.2]	Y	
Part 6	Visible Emissions Monitoring for Fuel Oil Combustion [Regulation 2-6-409.2]	Y	
Part 7	Records of Visible Emissions Monitoring for Fuel Oil Combustion [Regulation 2-6-409.2]	Y	
Part 8	Monitoring for Throughput Limit [Regulation 2-1-301]	Y	

IV. Source-Specific Applicable Requirements

Table IV – B
S-11 – GRAIN UNLOADING; A-51 – BAGHOUSE; S-14 – SILO UNLOADING HOPPER & STANDBY EXHAUSTER; AND A-54 – BAGHOUSE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #17176			
Part 1	Pressure drop monitoring [Regulation 2-6-409.2]	Y	
Part 2	Recordkeeping [Regulation 2-6-409.2]	Y	
Part 11	Pressure drop monitoring [Regulation 2-6-409.2]	Y	
Part 12	Recordkeeping [Regulation 2-6-409.2]	Y	

IV. Source-Specific Applicable Requirements

Table IV – C
S-15 - MASH COOKER #1; S-16 - MASH COOKER #2; S-23 - HOT WORT TANK; S-24 – WORT AERATOR/COOLER #1; S-25 - WORT AERATOR/COOLER #2; S-41 - CHIP WASHERS 1-4; S-97 - MASH COOKER #3; S-98 - MASH COOKER #4; S-124 – ALPHA FERMENTATION TANKS;

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 2	**Organic Compounds – Miscellaneous Operations (7/20/05)**		
8-2-301	Miscellaneous Operations	N	
SIP Regulation 8, Rule 2	**Organic Compounds – Miscellaneous Operations (3/22/95)**		
8-2-301	Miscellaneous Operations	Y	

IV. Source-Specific Applicable Requirements

Table IV – D
S-36 – GRAIN DUST TRANSFER AND A-36 – BAGHOUSE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #17176			
Part 3	Pressure drop monitoring [Regulation 2-6-409.2]	Y	
Part 4	Recordkeeping [Regulation 2-6-409.2]	Y	

IV. Source-Specific Applicable Requirements

Table IV – E
S-52 – KEG WASHER AND A-52 – DRY INERTIAL COLLECTOR

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	

IV. Source-Specific Applicable Requirements

Table IV – F
S-120, S-128, S-131 – DIAGRAPH CASE CODERS
S-132 AND S-133 – LINX KEG LABEL CODERS
S-161 AND S-162 – VIDEOJET CODERS, LINE 1
S-171, S-172, S-175, S-177 – VIDEOJET BOTTLE CODER, LINE 40
S-173, S-174, S-176, S-178 – VIDEOJET BOTTLE CODER, LINE 50
S-179 – CASE CODER, LINE 40

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (10/16/02)**		
8-4-302	Solvents and Surface Coating Requirements	Y	
8-4-302.3	VOC content of coating is less than 3.5 lb/gal	Y	
8-4-312	Solvent Evaporation Loss Minimization	Y	
8-4-501	Recordkeeping Requirements	Y	
BAAQMD Condition No. 16202	**Permit Conditions (on a per-source basis)**		
Part 1	Ink, solvent and acetone limit [Cumulative Increase]	Y	
Part 2	Prohibition of material usage without permit amendment [Cumulative Increase]	Y	
Part 3	If in excess of usages in part 1, POC and NPOC emission limits. [Cumulative Increase]	Y	
Part 3	Recordkeeping. [Regulation 8-4-501, Cumulative Increase]	Y	

IV. Source-Specific Applicable Requirements

Table IV – G
S-125 – PRECOAT TANK; S-126 – BODY FEED TANK #1; S-127 – BODY FEED TANK #2; AND A-125 BAGHOUSE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #17176			
Part 5	Pressure drop monitoring [Regulation 2-6-409.2]	Y	
Part 6	Recordkeeping [Regulation 2-6-409.2]	Y	

IV. Source-Specific Applicable Requirements

Table IV – H
S-130 – DIATOMACEOUS EARTH (D.E.)/PERLITE STORAGE SILO AND A-130 – BAGHOUSE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #14459			
Part 1	Maintenance [Regulation 6-301]	Y	
Part 2	Prohibition of use [Regulation 6-301]	Y	
BAAQMD Condition #17176			
Part 9	Pressure drop monitoring [Regulation 2-6-409.2]	Y	
Part 10	Recordkeeping [Cumulative Increase]	Y	

IV. Source-Specific Applicable Requirements

Table IV – I
S-134 – ACP AIR PALLET UNLOADER; S-137 – ACP SLURRY MIX TANK; AND A-134 – BAGHOUSE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #9061			
Part 1	Chill-proof material throughput limit [Cumulative Increase]	Y	
Part 2	Chill-proof material throughput recordkeeping [Cumulative Increase]	Y	
BAAQMD Condition #17176			
Part 7	Pressure drop monitoring [Regulation 2-6-409.2]	Y	
Part 8	Recordkeeping [Regulation 2-6-409.2]	Y	

IV. Source-Specific Applicable Requirements

Table IV – J
S-135 – FUMIGATED RAILCAR PURGING

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 2	**Organic Compounds – Miscellaneous Operations (7/20/05)**		
8-2-301	Miscellaneous Operations	N	
SIP Regulation 8, Rule 2	**Organic Compounds – Miscellaneous Operations (3/22/95)**		
8-2-301	Miscellaneous Operations	Y	
BAAQMD Condition #8195			
Part 1	Aluminum Phosphide limitation [Regulation 2, Rule 5]	N	
Part 2	Phosphine Emission limitation [Regulation 2, Rule 5]	N	
Part 3	Railcar Unloading limitation [Regulation 2, Rule 5]	N	
Part 4	Fumigant Formulation limitation [Regulation 2, Rule 5]	N	
Part 5	Recordkeeping [Regulation 2, Rule 5]	N	

IV. Source-Specific Applicable Requirements

Table IV – K
S-136 – ACP SLURRY INJECTION TANK

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	

IV. Source-Specific Applicable Requirements

Table IV – L
S-140 GRAINS TRANSFER AND STORAGE; S-141 GRAIN MILLING & WEIGHING (MALT); S-142 GRAIN MILLING & WEIGHING (ADJUNCT); AND A-12 BAGHOUSE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #17177			
Part 1	Phosphine gas limit [Regulation 2, Rule 5]	N	
Part 2	Recordkeeping [Regulation 2, Rule 5]	N	
Part 3	Pressure drop monitoring [Regulation 2-6-409.2]	Y	
Part 4	Recordkeeping [Regulation 2-6-409.2]	Y	

IV. Source-Specific Applicable Requirements

Table IV – M
S-149 – LAUTER TUB, S-150 – BREW KETTLE NO. 1; AND S-151 – BREW KETTLE NO. 2

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8 Rule 2	**Organic Compounds – Miscellaneous Operations (7/20/05)**		
8-2-301	Miscellaneous Operations	N	
SIP Regulation 8 Rule 2	**Organic Compounds – Miscellaneous Operations (3/22/95)**		
8-2-301	Miscellaneous Operations	Y	
BAAQMD Condition #20632			
Part 1	Hot wort production limit [Regulation 2-1-301]	Y	
Part 2	Hot wort production limit [Regulation 2-1-301]	Y	
Part 3	Beer production limit [Regulation 2-1-301]	Y	
Part 4	Recordkeeping [Regulation 2-1-301]	Y	

IV. Source-Specific Applicable Requirements

Table IV – N
S-155 – CAN FILLER LINE 50

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8 Rule 2	**Organic Compounds – Miscellaneous Operations (7/20/05)**		
8-2-301	Miscellaneous Operations	N	
SIP Regulation 8 Rule 2	**Organic Compounds – Miscellaneous Operations (3/22/95)**		
8-2-301	Miscellaneous Operations	Y	
BAAQMD Condition #21595			
Part 1	Throughput limit [Cumulative Increase]	Y	
Part 2	Recordkeeping [Cumulative Increase]	Y	

IV. Source-Specific Applicable Requirements

Table IV – O
S-156 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR, FIRE PUMP

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-303.1	Ringelmann No. 2 Limitation	N	
6-1-305	Visible Particulates	N	
6-1-310	Particulate Weight Limitation	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-303	Ringelmann No. 2 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	N	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	N	
SIP Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (6/8/99)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (7/25/07)**		
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-530	Emergency Standby Engines, Monitoring and Recordkeeping	N	
SIP Regulation 9, Rule 8	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (12/15/97)**		
9-8-330	Emergency Standby Engines, Hours of Operation	Y	
9-8-530	Emergency Standby Engines, Monitoring and Recordkeeping	Y	

IV. Source-Specific Applicable Requirements

Table IV – O
S-156 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR, FIRE PUMP

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
40 CFR, Part 63, Subpart A	**National Emissions Standards for Hazardous Air Pollutants for Source Categories, Subpart A – General Provisions**		
63.1	General Applicability of the General Provisions	Y	
63.2	Definitions	Y	
63.3	Units and Abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.6(a)	Compliance with standards and maintenance requirements - Applicability	Y	
63.6(c)	Compliance dates for existing sources	Y	
63.6(f)(2)	Methods for determining compliance	Y	
63.6(f)(3)	Finding of compliance	Y	
63.6(g)	Use of an alternative nonopacity emission standard	Y	
63.6(i)	Compliance extension procedures and criteria	Y	
63.6(j)	Presidential compliance exemption	Y	
63.10(a)	Recordkeeping and reporting requirements, applicability and general information	Y	
63.10(b)(1)	Record retention	Y	
63.10(f)	Administrator waiver of recordkeeping or reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of air pollution control agencies and EPA Regional Offices	Y	
63.14	Incorporation by reference	Y	
63.15	Availability of information and confidentiality	Y	
40 CFR, Part 63, Subpart ZZZZ	**National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)**		
63.6585	Applicability	Y	
63.6585(a)	Applicable to stationary RICE	Y	
63.6585(c)	Applicable to area sources of Haps	Y	
63.6590(a)(1)(iii)	Affected source under stationary RICE located at an area source of HAP emissions, constructed before 6/12/06	Y	
63.6595(a)	Comply with applicable emission limitations and operating limitations by 5/3/13.	Y	
63.6595(c)	Comply with applicable notification requirements in 63.6645 and 40 CFR Part 63, subpart A	Y	

IV. Source-Specific Applicable Requirements

Table IV – O
S-156 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR, FIRE PUMP

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.6603(a)	Comply with requirements of Table 2d, Part 4 (operating limitations of Tables 1b and 2b do not apply): 1. Change oil & filter every 500 hours of operation or annually, whichever comes first. Oil analysis program may be used to extend period. 2. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and 3. Inspect all hoses and belts every 500 hours or annually, whichever comes first, and replace as necessary.	Y	
63.6605	General Requirements 1. Must be in compliance with applicable emission limitations and operating limitations 2. Operate engine in a manner consistent with safety and good air pollution control practices to minimize emissions.	Y	
63.6625(e)(3)	Maintain RICE and abatement controls according to manufacturer's instructions or develop own plan.	Y	
63.6625(f)	Installation of non-resettable hour meter requirement.	Y	
63.6625(h)	Minimize idling, and minimize startup time to not exceed 30 mintutes.	Y	
63.6625(i)	Oil analysis program frequency and the parameters to be analyzed.	Y	
63.6640(a)	Demonstrate compliance with the requirements of Table 2d according to work or management practices of Table 6, Part 9a.	Y	
63.6640(b)	Report deviations from the requirements of Table 2d.	Y	
63.6640(e)	Report non-compliance with the any applicable requirement of Table 8.	Y	
63.6640(f)	Comply with requirements of (f)(1)(i) through (iii) below	Y	
63.6640(f)(1)(i)	No time limit when engine is used for emergencies	Y	
63.6640(f)(1)(ii)	Operation of engine for maintenance checks and readiness testing limited to 100 hours per year	Y	
63.6640(f)(1)(iii)	Operation of engine for non-emergency and not associated with maintenance checks and readiness testing is limited to 50 hours, which is counted towards the 100 hours per year maximum specified in 63.6640(f)(1)(ii)	Y	
63.6645(a)(5)	The notification requirements of 63.6645(a) do not apply to this engine.	Y	

IV. Source-Specific Applicable Requirements

Table IV – O
S-156 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR, FIRE PUMP

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.6655	Record Keeping 1. Record hours of operation 2. Install non-resettable hour meter	Y	
63.6660	Instructions for Records	Y	
63.6670	Implementation and enforcement of Subpart ZZZZ	Y	
CCR, Title 17, Section 93115	**ATCM for Stationary Compression Ignition Engines**		
93115.5	Fuel Requirements	N	
93115.6	ATCM for Stationary CI Engines – Emergency Standby Diesel-Fueled CI Engine (>50 bhp) Operating Requirements and Emission Standards	N	
93115.6(b)	In-Use Emergency Standby Diesel-Fueled CI Engine (> 50 bhp) Operating Requirements and Emission Standards	N	
93115.6(b)(3)	Emission and operation standards	N	
93115.6(b)(3)(A)	Diesel PM Standard and Hours of Operation Limitations	N	
93115.6(b)(3)(A)(1)	General Requirements	N	
93115.6(b)(3)(A)(1)(a)	50 hours/yr for maintenance & testing	N	
93115.10(e)(1)	Monitoring Equipment	N	
93115.10(g)	Reporting Requirements for Emergency Standby Engines	N	
93115.11	ATCM for Stationary CI Engines – Compliance Schedule for Owners or Operators of Three or Fewer Engines (>50 bhp) Located within a District	N	
93115.11(a)	Compliance by 1/1/06 for engines complying by reducing hours of operation	N	
93115.15	Severability	N	
BAAQMD Condition #22851		Y	
Part 1	Operating hour limit for reliability related activities ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(a)(4)(A)(1)(b)]	Y	

IV. Source-Specific Applicable Requirements

Table IV – O
S-156 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR, FIRE PUMP

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 2	Allowable periods of operation ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(b)(3)(A)(1)(a)]	Y	
Part 3	Non-resettable totalizing meter requirement ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(e)(1)]	Y	
Part 4	Recordkeeping ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(g), Regulation 2-6-501)]	Y	
Part 5	School Proximity Requirement ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(a)(1) or 93115.6(b)(2)]	Y	

IV. Source-Specific Applicable Requirements

Table IV – P
S-158 – BOTTLE FILLER LINE 1

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8 Rule 2	**Organic Compounds – Miscellaneous Operations (7/20/05)**		
8-2-301	Miscellaneous Operations	N	
SIP Regulation 8 Rule 2	**Organic Compounds – Miscellaneous Operations (3/22/95)**		
8-2-301	Miscellaneous Operations	Y	
BAAQMD Condition 21639			
Part 1	Bottle limit [Cumulative Increase]	Y	
Part 2	Throughput limit [Cumulative Increase]	Y	
Part 3	Recordkeeping [Cumulative Increase]	Y	

IV. Source-Specific Applicable Requirements

Table IV – Q
S-165 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-303	Ringelmann Number 2 Limitation	N	
6-1-303.1	Ringelmann Number 2 Limitation for engines	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-303	Ringelmann Number 2 Limitation	Y	
6-303.1	Ringelmann Number 2 Limitation for engines	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	N	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	N	
SIP Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (6/8/99)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (7/25/07)**		
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-330.1	Unlimited hours during emergency	N	
9-8-330.3	Reliability related hours of operation effective 1/1/2012	N	
9-8-530	Emergency standby engines, monitoring and recordkeeping	N	

IV. Source-Specific Applicable Requirements

Table IV – Q
S-165 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
SIP Regulation 9, Rule 8	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (12/15/97)**		
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-330.1	Unlimited hours during emergency	N	
9-8-330.3	Reliability related hours of operation effective 1/1/2012	N	
9-8-530	Emergency standby engines, monitoring and recordkeeping	N	
40 CFR, Part 63, Subpart A	**National Emissions Standards for Hazardous Air Pollutants for Source Categories, Subpart A – General Provisions**		
63.1	General Applicability of the General Provisions	Y	
63.2	Definitions	Y	
63.3	Units and Abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.6(a)	Compliance with standards and maintenance requirements – Applicability	Y	
63.6(c)	Compliance dates for existing sources	Y	
63.6(f)(2)	Methods for determining compliance	Y	
63.6(f)(3)	Finding of compliance	Y	
63.6(g)	Use of an alternative non-opacity emission standard	Y	
63.6(i)	Compliance extension procedures and criteria	Y	
63.6(j)	Presidential compliance exemption	Y	
63.10(a)	Recordkeeping and reporting requirements, applicability and general information	Y	
63.10(b)(1)	Record retention	Y	
63.10(f)	Administrator waiver of recordkeeping or reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of air pollution control agencies and EPA Regional Offices	Y	
63.14	Incorporation by reference	Y	
63.15	Availability of information and confidentiality	Y	
40 CFR, Part 63, Subpart ZZZZ	**National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)**		
63.6585	Applicability	Y	

IV. Source-Specific Applicable Requirements

Table IV – Q
S-165 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.6585(a)	Applicable to stationary RICE	Y	
63.6585(c)	Applicable to area sources of Haps	Y	
63.6590(a)(1)(iii)	Affected source under stationary RICE located at an area source of HAP emissions, constructed before 6/12/06	Y	
63.6595(a)	Comply with applicable emission limitations and operating limitations by 5/3/13.	Y	
63.6595(c)	Comply with applicable notification requirements in 63.6645 and 40 CFR Part 63, subpart A	Y	
63.6603(a)	Comply with requirements of Table 2d, Part 4 (operating limitations of Tables 1b and 2b do not apply): 4. Change oil & filter every 500 hours of operation or annually, whichever comes first. Oil analysis program may be used to extend period. 5. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and 6. Inspect all hoses and belts every 500 hours or annually, whichever comes first, and replace as necessary.	Y	
63.6605	General Requirements 1. Must be in compliance with applicable emission limitations and operating limitations 2. Operate engine in a manner consistent with safety and good air pollution control practices to minimize emissions.	Y	
63.6625(e)(3)	Maintain RICE and abatement controls according to manufacturer's instructions or develop own plan.	Y	
63.6625(f)	Installation of non-resettable hour meter requirement.	Y	
63.6625(h)	Minimize idling, and minimize startup time to not exceed 30 mintutes.	Y	
63.6625(i)	Oil analysis program frequency and the parameters to be analyzed.	Y	
63.6640(a)	Demonstrate compliance with the requirements of Table 2d according to work or management practices of Table 6, Part 9a.	Y	
63.6640(b)	Report deviations from the requirements of Table 2d.	Y	
63.6640(e)	Report non-compliance with the any applicable requirement of Table 8.	Y	
63.6640(f)	Comply with requirements of (f)(1)(i) through (iii) below	Y	
63.6640(f)(1)(i)	No time limit when engine is used for emergencies	Y	
63.6640(f)(1)(ii)	Operation of engine for maintenance checks and readiness testing limited to 100 hours per year	Y	

IV. Source-Specific Applicable Requirements

Table IV – Q
S-165 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.6640(f)(1) (iii)	Operation of engine for non-emergency and not associated with maintenance checks and readiness testing is limited to 50 hours, which is counted towards the 100 hours per year maximum specified in 63.6640(f)(1)(ii)	Y	
63.6645(a)(5)	The notification requirements of 63.6645(a) do not apply to this engine.	Y	
63.6655	Record Keeping 1. Record hours of operation 2. Install non-resettable hour meter	Y	
63.6660	Instructions for Records	Y	
63.6670	Implementation and enforcement of Subpart ZZZZ	Y	
CCR, Title 17, Section 93115	**ATCM for Stationary Compression Ignition Engines**		
93115.5	Fuel Requirements	N	
93115.6	ATCM for Stationary CI Engines – Emergency Standby Diesel-Fueled CI Engine (>50 bhp) Operating Requirements and Emission Standards	N	
93115.6(b)	In-Use Emergency Standby Diesel-Fueled CI Engine (> 50 bhp) Operating Requirements and Emission Standards	N	
93115.6(b)(3)	Emission and operation standards	N	
93115.6(b)(3)(A)	Diesel PM Standard and Hours of Operation Limitations	N	
93115.6(b)(3)(A)(1)	General Requirements	N	
93115.6(b)(3)(A)(1)(a)	50 hours/yr for maintenance & testing	N	
93115.10(e)(1)	Monitoring Equipment	N	
93115.10(g)	Reporting Requirements for Emergency Standby Engines	N	
93115.11	ATCM for Stationary CI Engines – Compliance Schedule for Owners or Operators of Three or Fewer Engines (>50 bhp) Located within a District	N	
93115.11(a)	Compliance by 1/1/06 for engines complying by reducing hours of operation	N	

IV. Source-Specific Applicable Requirements

Table IV – Q
S-165 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
93115.15	Severability	N	
BAAQMD Condition #22850		Y	
Part 1	Operating hour limit for reliability related activities ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(a)(4)(A)(1)(b)]	Y	
Part 2	Allowable periods of operation ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(b)(3)(A)(1)(a)]	Y	
Part 3	Non-resettable totalizing meter requirement ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(e)(1)]	Y	
Part 4	Recordkeeping ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(g), Regulation 2-6-501)]	Y	
Part 5	School Proximity Requirement ["Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(a)(1) or 93115.6(b)(2)]	Y	

IV. Source-Specific Applicable Requirements

Table IV – R
S-166 – BIO-ENERGY RECOVERY SYSTEM (BERS); A-166 – FERROUS CHLORIDE INJECTION – H2S CONTROL; AND A-167 – H2S SCRUBBER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 2	**Organic Compounds – Miscellaneous Operations (7/20/05)**		
8-2-301	Miscellaneous Operations	N	
SIP Regulation 8, Rule 2	**Organic Compounds – Miscellaneous Operations (3/22/95)**		
8-2-301	Miscellaneous Operations	Y	
BAAQMD Condition #23750			
Part 1	Wastewater throughput limit [Cumulative Increase]	Y	
Part 2	Biogas flow limit [Cumulative Increase]	Y	
Part 3	Biogas H2S concentration limit [Cumulative Increase]	Y	
Part 4	Biogas H2S concentration monitoring and recordkeeping [Recordkeeping]	Y	
Part 5	H2S emission concentration limit [Cumulative Increase]	Y	
Part 6	H2S emission concentration monitoring and recordkeeping [Recordkeeping]	Y	
Part 7	Recordkeeping of wastewater throughput and Biogas flow [Recordkeeping]	Y	
Part 8	Minimum temperature of flare [Cumulative Increase and Monitoring]	Y	
Part 9	Flare alarm system [Monitoring]	Y	
Part 10	Biogas flaring limit [Cumulative Increase]	Y	
Part 11	Biogas flaring recordkeeping [Recordkeeping]	Y	

IV. Source-Specific Applicable Requirements

Table IV – S
S-167 – BERS FLARE (ENCLOSED)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #23750			
Part 1	Wastewater throughput limit [Cumulative Increase]	Y	
Part 2	Biogas flow limit [Cumulative Increase]	Y	
Part 3	Biogas H2S concentration limit [Cumulative Increase]	Y	
Part 4	Biogas H2S concentration monitoring and recordkeeping [Recordkeeping]	Y	
Part 5	H2S emission concentration limit [Cumulative Increase]	Y	
Part 6	H2S emission concentration monitoring and recordkeeping [Recordkeeping]	Y	
Part 7	Recordkeeping of wastewater throughput and Biogas flow [Recordkeeping]	Y	
Part 8	Minimum temperature of flare [Cumulative Increase and Monitoring]	Y	
Part 9	Flare alarm system [Monitoring}	Y	
Part 10	Biogas flaring limit [Cumulative Increase]	Y	
Part 11	Biogas flaring recordkeeping [Recordkeeping]	Y	

IV. Source-Specific Applicable Requirements

Table IV – T
S-168 – CAN FILLER LINE 40

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8 Rule 2	**Organic Compounds – Miscellaneous Operations (7/20/05)**		
8-2-301	Miscellaneous Operations	N	
SIP Regulation 8 Rule 2	**Organic Compounds – Miscellaneous Operations (3/22/95)**		
8-2-301	Miscellaneous Operations	Y	
BAAQMD Condition #23956			
Part 1	Throughput limit [Cumulative Increase]	Y	
Part 2	Recordkeeping [Cumulative Increase]	Y	

IV. Source-Specific Applicable Requirements

Table IV – U
S-169 AND S-170 – INK JET CODERS, BOTTLE LINE 1

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8 Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (10/16/02)**		
8-4-302	Solvents and Surface Coating Requirements	Y	
8-4-302.3	VOC content of coating is less than 3.5 lb/gal	Y	
8-4-312	Solvent Evaporation Loss Minimization	Y	
8-4-501	Recordkeeping Requirements	Y	
BAAQMD Condition #24244	**Permit Conditions (on a per-source basis)**		
Part 1	POC limit. [Cumulative Increase]	Y	
Part 2	Materials usage restrictions. [Cumulative Increase]	Y	
Part 3	Recordkeeping. [Regulation 8-4-501, Cumulative Increase]	Y	

V. SCHEDULE OF COMPLIANCE

The permit holder shall comply with all applicable requirements cited in this permit. The permit holder shall also comply with applicable requirements that become effective during the term of this permit on a timely basis.

VI. PERMIT CONDITIONS

Any condition that is preceded by an asterisk is not federally enforceable.

Condition #8195
For: S-135 – Fumigated Railcar Purging

*1. Aluminum phosphide shall not be added in excess of 218 grams per railcar without prior written approval from the District. [Basis: Regulation 2, Rule 5]

*2. Phosphine shall not be vented in excess of 0.16 pounds per railcar. [Basis: Regulation 2, Rule 5]

*3. Fumigated Railcar unloading shall not exceed 2,190 cars in any 12 consecutive month period. [Basis: Regulation 2, Rule 5]

*4. Fumigant formulations other than 55% aluminum phosphide and 45% ammonium carbamate shall not be used without prior written District authorization. [Basis: Regulation 2, Rule 5]

*5. Recordkeeping shall be maintained on a monthly basis of the quantity of Aluminum phosphide added to each railcar and the quantity of fumigated railcars unloaded. Records shall be maintained for a period of 5 years and made readily available to District staff upon request. [Basis: Regulation 2, Rule 5]

VI. Permit Conditions

Condition #9061
For: S-134 – ACP AIR PALLET UNLOADER; S-137 – ACP SLURRY MIX TANK; AND A-134 – BAGHOUSE:

1. The throughput of chill-proof material at each of the air pallet unloader (S-134) and slurry mix tank (S-137) shall not exceed 222 tons during any rolling 12 consecutive month period. Chill-proof material may consist of silica gel or tannin. [Basis: Cumulative Increase]

2. To demonstrate compliance with Condition #1, the monthly throughput of chill – proof material at each of S-134 and S-137, totaled on a yearly basis, shall be maintained in a District approved log. These records shall be kept on site and made available for District inspection for a period of at least five years from the date on which a record is made. [Basis: Cumulative Increase]

VI. Permit Conditions

Condition #13032
FOR: S-1, S-2, AND S-3 – BOILERS:

1. Fuel usage at each boiler, S-1, S-2, S-3, shall not exceed 1,042,440 MM BTU for any consecutive 12-month period. [Basis: Regulation 2-1-301]

2. Emissions of nitrogen oxides (NOx) shall not exceed 30 ppmv, dry at 3% oxygen, as determined by Source Test Method 13A or 13B (District Manual of Procedures, Volume IV). [Basis: Regulation 9-7-307.7]

3. Emissions of carbon monoxide (CO) shall not exceed 400 ppmv, dry at 3% oxygen, as determined by Source Test Method 6 (District Manual of Procedures, Volume IV). [Basis: Regulation 9-7-307.7]

4. A District approved source test shall be performed on an annual basis to verify compliance with the NOx and CO emission standards. [Basis: Regulation 2-6-409.2]

5. The sulfur content of the fuel oil shall be certified by the fuel oil vendor. [Basis: Regulation 2-6-409.2]

6. Upon issuance of this permit, S-1, S-2, and S-3 Boilers, shall be checked for visible emissions after combustion of one million gallons of fuel oil, fired during the term of this permit, at each boiler. The visible emissions check shall take place while the equipment is operating and during daylight hours. If any visible emissions are detected, the operator shall take corrective action within one week, and check for visible emissions after corrective action is taken. If no visible emissions are detected, the operator shall continue to check for visible emissions at the same frequency. [Basis: Regulation 2-6-409.2]

7. The operator shall keep records of all visible emissions checks, the person performing the check, and all corrective action taken at S-1, S-2, and S-3, Boilers. The records shall be retained for five (5) years and shall be made available to District personnel upon request. [Basis: Regulation 2-6-409.2]

8. To determine compliance with part 1 and part 6 of this condition, the operator shall install individual fuel meters by December 31, 2001, and maintain the records of the fuel usage at each boiler on a monthly basis. The operator shall also summarize the fuel usage for each consecutive 12-month period at the end of each month. All records shall be recorded in a District-approved log. All records shall be retained on-site for five years from the date of entry and made available for inspection by District staff upon request. [Basis: Regulation 2-1-301]

VI. Permit Conditions

Condition #14459
For: S-130 - Diatomaceous Earth (D.E.)/Perlite Storage Silo

1. A-130 baghouse shall be maintained in good working order at all times. [Basis: Regulation 6-1-301]

2. Written authorization shall be obtained prior to using material other than diatomaceous earth or perlite. [Basis: Regulation 6-1-301]

VI. Permit Conditions

Condition # 16202
For: S-120, S-128, S-131 – Diagraph Case Coders;
S-132 and S-133 – Linx Keg Label Coders;
S-161 and S-162 – Videojet Coders, Line 1;
S-171, S-172, S-175, S-177 – Videojet Bottle Coder, Line 40;
S-173, S-174, S-176, S-178 – Videojet Bottle Coder, Line 50; and
S-179 – Case Coder, Line 40

1. Owner/operator shall not exceed the following limits for all sources combined in any consecutive 12-month period:
   a. Ink 1,339 gallons
   b. Solvent thinner 569 gallons
   c. Acetone 90 gallons
   [Basis: Cumulative Increase]

2. Owner/operator shall not use materials other than those materials specified in Part 1 without first obtaining written authorization from the District. [Basis: Cumulative Increase]

3. Owner/operator shall not exceed 17,370 pounds POC emissions combined from these sources in any consecutive 12-month period. Owner/operator shall not exceed 603 pounds NPOC emissions combined from these sources in any consecutive 12-month period. [Basis: Cumulative Increase]

4. Owner/operator shall maintain a District approved logbook on a monthly basis of the following:
   a. Type and monthly usage of all POC-containing materials;
   b. Type and monthly usage of all NPOC-containing materials;
   c. If a POC-containing material other than those specified in Part 1 is authorized by the District, mass emission calculations demonstrating compliance with the POC emission limit in Part 3 shall be recorded;
   d. Running totals of 12-month emissions of POC and NPOC
   Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Recordkeeping]

VI. Permit Conditions

Condition #17176
For: S-14 – Silo Unloading Hopper & Standby Exhauster; and A-54 – Baghouse, as amended in Application # 23185:

1. Owner/operator shall monitor and record the differential pressure across the baghouse filter media abating this source not less than once per month when the system is operating. If the differential pressure is less than 1 inch of water or higher than 6 inches of water, the cause of this reading shall be investigated and remedied within 7 days of the observance. [Basis: Regulation 2-6-409.2]

2. Owner/operator shall maintain records of the pressure drop across the baghouse on a monthly basis in a District approved logbook. Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Regulation 2-6-409.2]

For: S-36 – Grain Dust Transfer and A-36 – Baghouse, as amended in Application #13621:

3. The owner/operator shall monitor and record the differential pressure across the baghouse filter media abating this source not less than once per month when the system is operating. If the differential pressure is less than 0.5 inch of water or higher that 6 inches of water, the cause of this reading shall be investigated and remedied within 7 days of the observance. [Basis: Regulation 2-6-409.2]

4. Owner/operator shall maintain records of the pressure drop across the baghouse on a monthly basis in a District approved logbook. Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Regulation 2-6-409.2]

For: S-125 – Precoat Tank; S-126 – Body Feed Tank #1; S-127 – Body Feed Tank #2; and A-125 Baghouse, as amended in Application #13621:

5. Owner/operator shall monitor and record the differential pressure across the baghouse filter media abating this source not less than once per month when the system is operating. If the differential pressure is less than 0.25 inches of water or higher than 3 inches of water, the cause of this reading shall be investigated and remedied within 7 days of the observance [Basis: Regulation 2-6-409.2]

6. Owner/operator shall maintain records of the pressure drop across the baghouse on a monthly basis in a District approved logbook. Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Regulation 2-6-409.2]

VI. Permit Conditions

For: S-134 – ACP AIR PALLET UNLOADER; S-137 – ACP SLURRY MIX TANK; and A-134 – Baghouse, as amended in Application #13621:

7. Owner/operator shall monitor and record the differential pressure across the baghouse filter media abating this source not less than once per month when the system is operating. If the differential pressure is less than 0.5 inches of water or higher than 6 inches of water, the cause of this reading shall be investigated and remedied within 7 days of the observance [Basis: Regulation 2-6-409.2]

8. Owner/operator shall maintain records of the pressure drop across the baghouse on a monthly basis in a District approved logbook. Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Regulation 2-6-409.2]

For: S-130 – Diatomaceous Earth (D.E.)/Perlite Storage Silo and A-130 – Baghouse, as amended in Application #13621:

9. Owner/operator shall monitor and record the differential pressure across the baghouse filter media abating this source not less than once per month when the system is operating. If the differential pressure is less than 0.5 inches of water or higher than 4 inches of water, the cause of this reading shall be investigated and remedied within 7 days of the observance [Basis: Regulation 2-6-409.2]

10. Owner/operator shall maintain records of the pressure drop across the baghouse on a monthly basis in a District approved logbook. Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Regulation 2-6-409.2]

For: S-11 – Grain Unloading and A-51 – Baghouse, as amended in Application #21166:

11. Owner/operator shall monitor and record the differential pressure across the baghouse filter media abating this source not less than once per month when the system is operating. If the differential pressure is less than 1 inch of water or higher than 6 inches of water, the cause of this reading shall be investigated and remedied within 7 days of the observance. [Basis: Regulation 2-6-409.2]

12. Owner/operator shall maintain records of the pressure drop across the baghouse on a monthly basis in a District approved logbook. Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Regulation 2-6-409.2]

VI. Permit Conditions

Condition #17177
For: S-140 Grains Transfer and Storage; S-141 Grain Milling & Weighing (Malt); S-142 Grain Milling & Weighing (Adjunct); and A-12 Baghouse, as amended in Application #13621

1. Owner/operator shall monitor the emission of phosphine gas at these sources such that_the emission of phosphine gas_shall not exceed 240 pounds in any 12 consecutive month period. [Basis: Regulation 2, Rule 5]

2. Owner/operator shall maintain records of the quantity of phosphine gas emitted at these sources on a quarterly basis in a District approved logbook. Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Regulation 2, Rule 5]

3. The differential pressure across the baghouse filter media abating this source shall be monitored and recorded not less than once per month when the system is operating. If the differential pressure is less than 0.5 inch of water or higher that 6 inches of water, the cause of this reading shall be investigated and remedied within 7 days of the observance. [Basis: Regulation 2-6-409.2]

4. Owner/operator shall maintain records of the pressure drop across the baghouse on a monthly basis in a District approved logbook. Records shall be retained for a period of at least 5 years from the date of entry and made readily available to District staff upon request. [Basis: Regulation 2-6-409.2]

VI. Permit Conditions

Condition #20632
For: S-149 – Lauter Tub, S-150 – Brew Kettle No. 1; and
S-151 – Brew Kettle No. 2

1. The owner/operator shall limit throughput at S-149 lauter tub to not more than 4,441,320 barrels (bbls) of hot wort in any consecutive 12-month period. [Basis: Cumulative Increase]

2. The owner/operator shall limit the combined throughput at S-150 and S-151 Brew Kettles to not more than 4,441,320 barrels (bbls) of hot wort in any consecutive 12-month period. [Basis: Cumulative Increase]

3. The owner/operator shall limit facility production of beer to not more than 6,351,088 barrels (bbls) of beer in any consecutive 12-month period. [Basis: Cumulative Increase]

4. The owner/operator shall maintain a District approved logbook on a monthly basis of the hot wort and beer throughput. The owner/operator shall maintain records for a period of at least 5 years from the date of entry and make them readily available to District staff upon request. [Basis: Recordkeeping]

VI. Permit Conditions

Condition #21595
For: S-155 – Can Filler Line 50

1. The owner/operator shall not exceed 1565 cans/minute through S-155. [Basis: Cumulative Increase]

2. The owner/operators shall maintain records in a District-approved logbook, on a monthly basis, of weekly can throughputs. Records shall be maintained for a period of at least 5 years and made available upon request to district staff. [Basis: Cumulative Increase]

Condition #21639
For: S-158 – Bottle Line 1, as amended by Application #14587

1. The owner/operator shall not exceed 1800 bottles/minute through S-158. [Basis: Cumulative Increase]

2. The owner/operator shall not exceed 6,351,088 bbls/year through S-158. [Basis: Cumulative Increase]

3. The owner/operator shall maintain records in a District-approved logbook on a monthly basis of weekly bottle throughput from this line. Records shall be maintained for a period of at least 5 years and made available upon request to district staff. [Basis: Recordkeeping]

VI. Permit Conditions

Condition # 22850
For: S-165 – EMERGENCY STANDBY DIESEL ENGINE/GENERATORS

1. The owner/operator shall not exceed 50 hours per year per engine for reliability-related testing. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection 93115.6 (b)(3)(A)(1)(a)]

2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection 93115.6 (b)(3)(A)(1)(a)]

3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection 93115.10 (e)(1)]

4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.
   a. Hours of operation for reliability-related activities (maintenance and testing).
   b. Hours of operation for emission testing to show compliance with emission limits.
   c. Hours of operation (emergency).
   d. For each emergency, the nature of the emergency condition.
   e. Fuel usage for each engine(s).

   [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection 93115.10 (g) (or, Regulation 2-6-501)]

VI. Permit Conditions

5. At School and Near-School Operation:
If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:
The owner/operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:
   a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
   b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session. "School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, playground, athletic field, or other areas of school property but does not include unimproved school property.

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection 93115.6 (b)(2)]

VI. Permit Conditions

Condition #22851
For: S-156 – Emergency Standby Diesel Engine/Generator, Fire Pump, A#9519

1. Operating for reliability-related activities is limited to no more than 34 hours per year per engine which is the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25. This emergency fire pump is subject to the current National Fire Protection Association (NFPA) 25 -"Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems." [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations]

2. The owner or operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, state or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, state or Federal emission limits is not limited. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(B)(3)]

3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection(e)(4)(G)(1)]

4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Loge entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.
   a. Hours of operation for reliability-related activities (maintenance and testing).
   b. Hours of operation for emission testing to show compliance with emission limits.
   c. Hours of operation (emergency).
   d. For each emergency, the nature of the emergency condition.
   e. Fuel usage for each engine(s).

   [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(I), (or, Regulation 2-6-501)]

VI. Permit Conditions

5. At School and Near-School Operation:
If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:
The owner or operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:
   a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
   b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session. "School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, playground, athletic field, or other areas of school property but does not include unimproved school property.

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(1)] or (e)(2)(B)(2)]

VI. Permit Conditions

Condition #23750
For: S-166 – Bio-Energy Recovery System (BERS); A-166 – Ferrous Chloride Injection – H2S Control; and A-167 – H2S Scrubber; and S-167 BERS Flare (enclosed)

1. Owner/operator shall limit wastewater throughput to 788 million gallons, or less, during any rolling 12 consecutive month period. [Basis: Cumulative Increase]

2. Owner/operator shall limit biogas flow from the reactor to 864,000 cubic feet per day, or less, during any rolling 12 consecutive month period. [Basis: Cumulative Increase]

3. Owner/operator shall limit boiler biogas H2S concentration to 200 ppmv, or less, on an annual average basis prior to blending with boiler fuel. [Basis: Cumulative Increase]

4. Owner/operator shall demonstrate compliance with condition #3 by monitoring biogas concentration for H2S concentration on a weekly basis with Draeger tubes (or equivalent). Compliance will be determined by a rolling 52 consecutive week period. Monitoring results shall be recorded in a District approved log. Records shall be maintained for a period of 5 years and made available to District staff upon request. [Basis: Recordkeeping]

5. Owner/operator shall limit the emission of H2S from the off-gas scrubber (A-167) to 10 ppmv, or less. [Basis: Cumulative Increase]

6. Owner/operator shall demonstrate compliance with condition #5 by monitoring biogas concentration for H2S concentration on a weekly basis with Draeger tubes (or equivalent). Compliance will be determined by a rolling 52 consecutive week period. Monitoring results shall be recorded in a District approved log. Records shall be maintained for a period of 5 years and made available to District staff upon request. [Basis: Recordkeeping]

7. Owner/operator shall maintain records throughput of wastewater through the BERS system on a monthly basis and the biogas flow from the reactor on a daily basis in a District approved log. Records shall be maintained for a period of 5 years and made available to District staff upon request. [Basis: Recordkeeping]

VI. Permit Conditions

8. Owner/operator shall maintain the minimum temperature of S-167 flare at not less than 1400 degrees F.
   a. This condition shall only apply when the biogas supply valves to all boilers are closed and biogas flaring exceeding 300 cfm occurs longer than 15 minutes continuously.
   b. S-167 flare shall be equipped with automatic gas flow and combustion controls.
   c. S-167 flare shall be equipped with a continuous temperature recording device.

   [Basis: Cumulative Increase and Monitoring]

9. Owner/operator shall install and maintain an alarm system that will alert when the conditions of Condition 8, Part (a) are not met and record these flare events in a District approved log. [Basis: Monitoring]

10. Owner/operator shall limit the flaring of biogas to no more than 10%, by volume, of the BERS biogas production during any rolling 52 consecutive week period. [Basis: Cumulative Increase]

11. Owner/operator shall maintain a weekly record of biogas flared in a District approved log. Records shall be maintained for a period of 5 years and made available to District staff upon request. [Basis: Recordkeeping]

VI. Permit Conditions

Condition #23956
For: S-168 – Can Filler Line 40

1. The owner/operator shall not exceed 2,124,000 bbls through S-168 in any 12-consecutive month period. [Basis: Cumulative Increase]

2. The owner/operator shall maintain records in a District-approved logbook on a monthly basis of beer throughput on this line. Records shall be maintained for a period of at least 5 years and made available upon request to District staff. [Basis: Recordkeeping]

Condition #24244
For: S-169 and S-170 – Ink Jet Coders, Bottle Line 1

1. The owner/operator shall limit POC emissions from each source to not more than 303.4 pounds of precursor organic compounds in any consecutive 12-month period. [Basis: Cumulative Increase]

2. The owner/operator shall obtain written authorization from the District prior to using any inks other than Videojet 18-8200 and Videojet 16-8205 any clean-up material other than Videojet 16-8205. [Basis: Cumulative increase]

3. The owner/operator shall maintain a District approved logbook on an annual basis of the quantity of ink used and the amount of clean-up solvent used. The owner/operator shall maintain records for a period of at least 5 years from the date of entry and make them readily available to District staff upon request. [Basis: Recordkeeping]

VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included only to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency column indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown, using the following codes: annual (A), quarterly (Q), monthly (M), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

Table VII – A
S-1, S-2, AND S-3 – BOILERS

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
NO_X	BAAQMD 9-7-307.7	N		30 ppmv @ 3% O_2, dry, 3-hr average	BAAQMD Condition 13032, Part 3	P/A	Annual source test
	SIP 9-7-301.1	Y		30 ppmv @ 3% O_2, dry, 3-hr average	BAAQMD Condition 13032, Part 3	P/A	Annual source test
	SIP 9-7-302.1	Y		40 ppmv @ 3% O_2, dry, 3-hr average		N	
	SIP 9-7-305.1	Y		150 ppmv @ 3% O_2, dry, 3-hr average		N	
	SIP 9-7-306.1	Y		150 ppmv @ 3% O_2, dry, 3-hr average		N	
	BAAQMD Condition 13032, Part 1	Y		30 ppmv @ 3% O_2, dry, 3-hr average	BAAQMD Condition 13032, Part 3	P/A	Annual source test
CO	BAAQMD 9-7-307.7	N		400 ppmv @ 3% O_2, dry, 3-hr average	BAAQMD Condition 13032, Part 3	P/A	Annual source test
	SIP 9-7-301.2	Y		400 ppmv @ 3% O_2, dry, 3-hr average	BAAQMD Condition 13032, Part 3	P/A	Annual source test

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – A
S-1, S-2, AND S-3 – BOILERS

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	SIP 9-7-302.2	Y		400 ppmv @ 3% O_2, dry, 3-hr average		N	
	SIP 9-7-305.2	Y		400 ppmv @ 3% O_2, dry, 3-hr average		N	
	SIP 9-7-306.2	Y		400 ppmv @ 3% O_2, dry, 3-hr average		N	
CO	BAAQMD Condition 13032, Part 2	Y		400 ppmv @ 3% O_2, dry, 3-hr average	BAAQMD Condition 13032, Part 3	P/A	Annual source test
SO_2	BAAQMD 9-1-301	N		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	
	SIP 9-1-301	Y		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	
	BAAQMD 9-1-302	N		SO2 shall not exceed 300 ppm (dry)		N	
	SIP 9-1-302	Y		SO2 shall not exceed 300 ppm (dry)		N	
	BAAQMD 9-1-304	N		Sulfur content of fuel < 0.5% by weight	BAAQMD Condition 13032 part 4	P/E	Fuel certification by vendor
	SIP 9-1-304	Y		Sulfur content of fuel < 0.5% by weight	BAAQMD Condition 13032 part 4	P/E	Fuel certification by vendor
Opacity	BAAQMD 6-1-301	N		$\geq$ Ringelmann No. 1 for no more than 3 minutes/hour (natural gas)		N	

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – A
S-1, S-2, AND S-3 – BOILERS

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	SIP 6-301	Y		≥ Ringelmann No. 1 for no more than 3 minutes per hour (natural gas)		N	
Opacity	BAAQMD 6-1-301	N		≥ Ringelmann No. 1 for no more than 3 minutes per hour (fuel oil)	BAAQMD Condition 13032 part 5	P/every 1 million gal combusted	Visible emissions check
Opacity	SIP 6-301	Y		≥ Ringelmann No. 1 for no more than 3 minutes per hour (fuel oil)	BAAQMD Condition 13032 part 5	P/every 1 million gal combusted	Visible emissions check
FP	BAAQMD 6-1-310.3	N		0.15 grain/dscf @ 6% O_2		N	
FP	SIP 6-310.3	Y		0.15 grain/dscf @ 6% O_2		N	
Heat input	BAAQMD Condition 13032, Part 1	Y		1,042,440 MM BTU per year for each boiler	BAAQMD Condition 13032, Part 8	P/M	Recordkeeping

[1] Ground Level Concentration

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – B
S-11 – GRAIN UNLOADING; A-51 – BAGHOUSE; S-14 – SILO UNLOADING HOPPER & STANDBY EXHAUSTER; AND A-54 – BAGHOUSE

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Parts 1&11	P/M	Pressure drop monitoring
Opacity	SIP 6-1-301	Y		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Parts 1&11	P/M	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Parts 1&11	P/M	Pressure drop monitoring
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Parts 1&11	P/M	Pressure drop monitoring
	BAAQMD Regulation 6-1-311	N		$4.10P^{0.67}$ lb/hour, where P is process weight, tons/hour	BAAQMD Condition 17176, Parts 1&11	P/M	Pressure drop monitoring
	SIP 6-311	Y		$4.10P^{0.67}$ lb/hour, where P is process weight, tons/hour	BAAQMD Condition 17176, Parts 1&11	P/M	Pressure drop monitoring

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – C
S-15 - MASH COOKER #1; S-16 - MASH COOKER #2; S-23 - HOT WORT TANK; S-24 – WORT AERATOR/COOLER #1; S-25 - WORT AERATOR/COOLER #2; S-41 - CHIP WASHERS 1-4; S-97 - MASH COOKER #3; S-98 - MASH COOKER #4; S-124 – ALPHA FERMENTATION TANKS;

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-2-301	N		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	SIP 8-2-301	Y		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – D
S-36 – GRAIN DUST TRANSFER AND A-36 – BAGHOUSE

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		$\geq$ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
Opacity	SIP 6-301	Y		$\geq$ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
	BAAQMD Regulation 6-1-311	N		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
	SIP 6-311	Y		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – E
S-52 – KEG WASHER AND A-52 – DRY INERTIAL COLLECTOR

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
Opacity	SIP 6-301	Y		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
	BAAQMD Regulation 6-1-311	N		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring
	SIP 6-311	Y		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 3	P/M	Pressure drop monitoring

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – F
S-120, S-128, S-131 – DIAGRAPH CASE CODERS
S-132 AND S-133 – LINX KEG LABEL CODERS
S-161 AND S-162 – VIDEOJET CODERS, LINE 1
S-171, S-172, S-175, S-177 – VIDEOJET BOTTLE CODER, LINE 40
S-173, S-174, S-176, S-178 – VIDEOJET BOTTLE CODER, LINE 50
S-179 – CASE CODER, LINE 40

Pollutant	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-4-302.3	N		5 tons POC on an annualized basis	BAAQMD 8-4-501	P/A	records
VOC	SIP 8-4-302	Y		5 tons POC on a calendar year basis	BAAQMD 8-4-501	P/A	records
VOC	BAAQMD Condition 16202 Part 1	Y		Total ink combined usage not to exceed: 1,339 gallons/year Solvent thinner combined usage not to exceed: 569 gallons/year Acetone combined usage not to exceed: 90 gallons/year	BAAQMD Condition 16202 Part 3	P/M	records
VOC	BAAQMD Condition 16202 Part 2	Y		Usages in excess of those specified in Part 1 of Condition 16202 may be used if total POC annual emissions do not exceed 17,370 pounds, and NPOC annual emissions do not exceed 603 pounds.	BAAQMD Condition 16202 Part 3	P/M	records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – G
S-125 – PRECOAT TANK; S-126 – BODY FEED TANK #1; S-127 – BODY FEED TANK #2; AND A-125 BAGHOUSE

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 5	P/M	Pressure drop monitoring
Opacity	SIP 6-301	Y		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 5	P/M	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 5	P/M	Pressure drop monitoring
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 5	P/M	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-311	N		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 5	P/M	Pressure drop monitoring
	SIP 6-311	Y		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 5	P/M	Pressure drop monitoring

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – H
S-130 – DIATOMACEOUS EARTH (D.E.)/PERLITE STORAGE SILO AND A-130 – BAGHOUSE

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		$\geq$ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 9	P/M	Pressure drop monitoring
Opacity	SIP 6-301	Y		$\geq$ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 9	P/M	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 9	P/M	Pressure drop monitoring
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 9	P/M	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-311	N		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 9	P/M	Pressure drop monitoring
FP	SIP 6-311	Y		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 9	P/M	Pressure drop monitoring

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – I
S-134 – ACP Air Pallet Unloader; S-137 – ACP Slurry Mix Tank; and A-134 – Baghouse

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 7	P/M	Pressure drop
Opacity	SIP 6-301	Y		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17176, Part 7	P/M	Pressure drop
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 7	P/M	Pressure drop
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17176, Part 7	P/M	Pressure drop
FP	BAAQMD Regulation 6-1-311	N		No emissions from source > $4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 7	P/M	Pressure drop
FP	SIP 6-311	Y		No emissions from source > $4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17176, Part 7	P/M	Pressure drop
PM	BAAQMD Condition 9061, part 1	Y		Throughput less than 222 tons/year	BAAQMD Condition 9061, part 2	P/M	records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – J
S-135 – FUMIGATED RAILCAR PURGING

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-2-301	N		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	SIP 8-2-301	Y		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
HAP	BAAQMD Condition #8195 Part 1	N		Aluminum phosphide limit: 218 grams/railcar	BAAQMD Condition #8195 Part 5	P/M	Recordkeeping
HAP	BAAQMD Condition #8195 Part 2	N		Phosphine emission limit: 0.16 pounds/railcar	BAAQMD Condition #8195 Part 5	P/M	Recordkeeping
HAP	BAAQMD Condition #8195 Part 3	N		2,190 fumigated railcars/year	BAAQMD Condition #8195 Part 5	P/M	Recordkeeping
HAP	BAAQMD Condition #8195 Part 4	N		Specified fumigant formulation	BAAQMD Condition #8195 Part 5	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – K
S-136 – ACP SLURRY INJECTION TANK

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		$\geq$ Ringelmann No. 1 for no more than 3 minutes/hour		N	
Opacity	SIP 6-301	Y		$\geq$ Ringelmann No. 1 for no more than 3 minutes/hour		N	
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume		N	
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume		N	
FP	BAAQMD Regulation 6-1-311	N		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour		N	
FP	SIP 6-311	Y		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour		N	

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – L
S-140 GRAINS TRANSFER AND STORAGE; S-141 GRAIN MILLING & WEIGHING (MALT); S-142 GRAIN MILLING & WEIGHING (ADJUNCT); AND A-12 BAGHOUSE

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17177, Part 3	P/W	Pressure drop monitoring
Opacity	SIP 6-301	Y		≥ Ringelmann No. 1 for no more than 3 minutes/hour	BAAQMD Condition 17177, Part 3	P/W	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17177, Part 3	P/W	Pressure drop monitoring
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 17177, Part 3	P/W	Pressure drop monitoring
FP	BAAQMD Regulation 6-1-311	N		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17177, Part 3	P/W	Pressure drop monitoring
FP	SIP 6-311	Y		$4.10P^{0.67}$ lb/hour, where P is process weight, ton/hour	BAAQMD Condition 17177, Part 3	P/W	Pressure drop monitoring
Phosphine	BAAQMD Condition #17177 Part 1	N		240 pounds/year	BAAQMD Condition 17177 Part 4	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – M
S-149 – LAUTER TUB, S-150 – BREW KETTLE NO. 1; AND S-151 – BREW KETTLE NO. 2

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-2-301	N		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	SIP 8-2-301	Y		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
Hot wort produc-tion	BAAQMD Condition 20632 Part 1	Y		4,441,320 barrels/12-month period (each barrel = 31 gallons) at lauter tub, S-149	BAAQMD Condition 20632 Part 4	P/M	Recordkeeping
Hot wort produc-tion	BAAQMD Condition 20632 Part 2	Y		4,441,320 barrels/12-month period (each barrel = 31 gallons) through both brew kettles, S-150 & S-151	BAAQMD Condition 20632 Part 4	P/M	Recordkeeping
Beer product ion	BAAQMD Condition 20632 Part 3	Y		6,351,088 barrels Per 12-month period	BAAQMD Condition 20632 Part 4	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – N
S-155 – CAN FILLER LINE 50

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-2-301	N		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	SIP 8-2-301	Y		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	BAAQMD Condition # 21595 Part 1	Y		1565 cans/minute	BAAQMD Condition 21595 Part 2	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – O
S-156 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR, FIRE PUMP

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO2	BAAQMD 9-1-301	N		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	
SO2	SIP 9-1-301	Y		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	
	BAAQMD 9-1-304	N		Sulfur content of fuel <0.5% by weight		N	
	SIP 9-1-304	Y		Sulfur content of fuel <0.5% by weight		N	
Opacity	BAAQMD Regulation 6-1-303.1	N		> Ringelmann No. 2 for no more than 3 minutes/hour		N	
Opacity	SIP 6-303.1	Y		> Ringelmann No. 2 for no more than 3 minutes/hour		N	
FP	BAAQMD 6-1-310	N		0.15 grain/dscf		N	
FP	SIP 6-310	Y		0.15 grain/dscf		N	
Hours of operation	BAAQMD 9-8-330.1	Y		Emergency use for an unlimited number of hours	BAAQMD Condition #22851, Parts 2 and 3	P/E	Meter, recordkeeping
Hours of operation	SIP 9-8-330.1	Y		Emergency use for an unlimited number of hours	BAAQMD Condition #22851, Parts 2 and 3	P/E	Meter, recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – O
S-156 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR, FIRE PUMP

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of operation	BAAQMD 9-8-330.3	Y		Reliability-related activities not to exceed 50 hours in any consecutive 12-month period	BAAQMD Condition #22851, Part 3	P/E	Meter, recordkeeping
Hours of operation	SIP 9-8-330.3	Y		Reliability-related activities not to exceed 50 hours in any consecutive 12-month period	BAAQMD Condition # 22851, Part 3	P/E	Meter, recordkeeping
Hours of operation	CCR Title 17, Section 93115.6(b)(3)(A)(1)(a)	Y		Reliability-related activities not to exceed 50 hours in any consecutive 12-month period	BAAQMD Condition # 22851, Part 3	P/E	Meter, recordkeeping
Hours of operation	BAAQMD Condition # 22851, Part 1	Y		34 hours of operation for testing or in anticipation of imminent emergency condition	BAAQMD Condition # 22851, Part 3	P/M	Fuel meter, recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – P
S-158 – BOTTLE FILLER LINE 1

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-2-301	N		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	SIP 8-2-301	Y		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	BAAQMD Condition 21639 Parts 1 and 2	Y		Bottle limit 1800 bottles/minute, Throughput limit 6,351,088 barrels/year	BAAQMD Condition 21639 Part 3	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – Q
S-165 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO2	BAAQMD 9-1-301	N		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	
SO2	SIP 9-1-301	Y		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	
	BAAQMD 9-1-304	N		Sulfur content of fuel <0.5% by weight		N	
	SIP 9-1-304	Y		Sulfur content of fuel <0.5% by weight		N	
Opacity	BAAQMD Regulation 6-1-303.1	N		> Ringelmann No. 2 for no more than 3 minutes/hour		N	
Opacity	SIP 6-303.1	Y		> Ringelmann No. 2 for no more than 3 minutes/hour		N	
FP	BAAQMD 6-1-310	N		0.15 grain/dscf		N	
FP	SIP 6-310	Y		0.15 grain/dscf		N	
Hours of operation	BAAQMD 9-8-330.1	Y		Emergency use for an unlimited number of hours	BAAQMD Condition # 22850, Parts 2 and 3	P/E	Meter, recordkeeping
Hours of operation	SIP 9-8-330.1	Y		Emergency use for an unlimited number of hours	BAAQMD Condition # 22850, Parts 2 and 3	P/E	Fuel meter, recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – Q
S-165 – EMERGENCY STANDBY DIESEL ENGINE/GENERATOR

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of operation	BAAQMD 9-8-330.3	Y		Reliability-related activities not to exceed 50 hours in any consecutive 12-month period	BAAQMD Condition # 22850, Part 3	P/E	Meter, recordkeeping
	SIP 9-8-330.3	Y		Reliability-related activities not to exceed 50 hours in any consecutive 12-month period	BAAQMD Condition # 22850, Part 3	P/E	Fuel meter, recordkeeping
Hours of operation	CCR Title 17, Section 93115.6(b)(3)(A)(1)(a)	Y		Reliability-related activities not to exceed 50 hours in any consecutive 12-month period	BAAQMD Cond# 22850, Part 3	P/E	Meter, recordkeeping
Hours of operation	BAAQMD Condition # 22850, Part 1	Y		50 hours of operation for testing or in anticipation of imminent emergency condition	BAAQMD Condition # 22850, Part 3	P/M	Fuel meter, recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – R
S-166 – BIO-ENERGY RECOVERY SYSTEM (BERS); A-166 – FERROUS CHLORIDE INJECTION – H2S CONTROL; AND A-167 – H2S SCRUBBER

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-2-301	N		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	SIP 8-2-301	Y		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
Wastewater throughput	BAAQMD Condition 23750 Part 1	Y		788 million gallons per 12-month period	BAAQMD Condition 23750 Part 7	P/M	Recordkeeping
Biogas flow from reactor	BAAQMD Condition 23750 Part 2	Y		864,000 cubic feet per day	BAAQMD Condition 23750 Part 7	P/D	Recordkeeping
Biogas H2S concentration	BAAQMD Condition 23750 Part 3	Y		200 ppmv annual avg.	BAAQMD Condition 23750 Part 4	P/W	Recordkeeping
H2S emission limit	BAAQMD Condition 23750 Part 5	Y		10 ppmv	BAAQMD Condition 23750 Part 6	P/W	Recordkeeping
Flare temperature	BAAQMD Condition 23750 Part 8	Y		1400 degree F	BAAQMD Condition 23750 Part 8(c)	C	Recording device, Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – R
S-166 – BIO-ENERGY RECOVERY SYSTEM (BERS); A-166 – FERROUS CHLORIDE INJECTION – H2S CONTROL; AND A-167 – H2S SCRUBBER

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Biogas flow to Flare and alarm system	BAAQMD Condition 23750 Part 8(a), 9	Y		300 cfm for more than 15 minutes	BAAQMD Condition 23750 Part 8(b)	P/E	Flow recording device and event records
Biogas flaring	BAAQMD Condition 23750 Part 10	Y		10% by volume of biogas production per 12-month period	BAAQMD Condition 23750 Part 11	P/W	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – S
S-167 – BERS FLARE (ENCLOSED)

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		≥ Ringelmann No. 1 for no more than 3 minutes/hour		N	
Opacity	SIP 6-301	Y		≥ Ringelmann No. 1 for no more than 3 minutes/hour		N	
FP	BAAQMD Regulation 6-1-310	N		No emissions from source > 0.15 grains per dscf of gas volume		N	
FP	SIP 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume		N	
Flare temperature	BAAQMD Condition 23750 Part 8	Y		1400 degree F	BAAQMD Condition 23750 Part 8(c)	C	Recording device, Recordkeeping
Biogas flow to Flare and alarm system	BAAQMD Condition 23750 Part 8(a), 9	Y		300 cfm for more than 15 minutes	BAAQMD Condition 23750 Part 8(b)	P/E	Flow recording device and event records
Biogas flaring	BAAQMD Condition 23750 Part 10	Y		10% by volume of biogas production per 12-month period	BAAQMD Condition 23750 Part 11	P/W	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – T
S-168 – CAN FILLER LINE 40

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-2-301	N		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
VOC	SIP 8-2-301	Y		Emissions of total carbon (dry basis) shall not exceed: 15 pounds/day and 300 ppm	None	N	None
Beer Throughput	BAAQMD Condition 23956 Part 1	Y		2,124,000 bbls in 12-month period	BAAQMD Condition 23956 Part 2	P/M	Recordkeeping

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII – U
S-169 AND S-170 – INK JET CODERS, BOTTLE LINE 1

Pollutant	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-4-302.3	N		5 tons POC on an annualized basis	BAAQMD 8-4-501	P/A	records
VOC	SIP 8-4-302	Y		5 tons POC on a calendar year basis	BAAQMD 8-4-501	P/A	records
VOC	BAAQMD Condition 24244 Part 1	Y		303.4 pounds of POC in 12-month period at each source	BAAQMD Condition 24244 Part 3	P/A	records

VIII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally referenced in Section 600 et seq. of the regulation. The following table indicates only the test methods associated with the emission limits referenced in Section VII, Applicable Emission Limits & Compliance Monitoring Requirements, of this permit.

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-1-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-1-310	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulates Sampling
BAAQMD 6-1-311	General Operations	Manual of Procedures, Volume IV, ST-15, Particulates Sampling
BAAQMD 8-2-301	Emissions of VOC	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling; or EPA Method 25 or Determination of Total Gaseous Nonmethane Organic Emissions as Carbon, or EPA Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer
BAAQMD 8-4-302	Emissions of VOC	Manual of Procedures, Volume IV, ST-7, Non-methane Organic Carbon Sampling
BAAQMD 9-1-302	General Emission Limitation	Manual of Procedures, Volume IV, ST-19A, Sulfur Dioxide, Continuous Sampling, or ST-19B, Total Sulfur Oxides Integrated Sample
BAAQMD 9-1-304	Fuel Burning (Liquid and Solid Fuels)	Manual of Procedures, Volume III, Method 10, Determination of Sulfur in Fuel Oils.
BAAQMD 9-7-301.1	Determination of Nitrogen Oxides	Manual of Procedures, Volume IV, ST-13 A or B, Oxides of Nitrogen, Continuous or Integrated Sampling
BAAQMD 9-7-301.2	Determination of Carbon Monoxide and Stack-Gas Oxygen	Manual of Procedures, Volume IV, ST-6, Carbon monoxide, Continuous Sampling, and ST-14, Oxygen, Continuous Sampling
BAAQMD 9-7-302.1	Determination of Nitrogen Oxides	Manual of Procedures, Volume IV, ST-13 A or B, Oxides of Nitrogen, Continuous or Integrated Sampling
BAAQMD 9-7-302.2	Determination of Carbon Monoxide and Stack-Gas Oxygen	Manual of Procedures, Volume IV, ST-6, Carbon monoxide, Continuous Sampling, and ST-14, Oxygen, Continuous Sampling

IX. REVISION HISTORY

Initial Issuance (Application 16473): **March 12, 2001**

Minor Revision (Application 3034): **November 21, 2001**

- Division of an existing source (no. 12) into several sources for the purpose of clarification
- Replacement of two small malt mills with one large malt mill
- Correction of several permit conditions and capacities due to incorrect original information

Minor Revision (Application 3322): **August 12, 2002**

- Addition of three 1850-hp emergency standby generators

Administrative Amendment (no application number): **October 23, 2002**

- Correction of typographical errors
- Monitoring frequency in Table VII-B for particulate limits changed from weekly to monthly to match permit condition
- Source numbers corrected in Table VII-G

Renewal (Application 13303): **June 19, 2008**

- Replacement of existing Strainmaster (S-18) with a new Lauter Tub (S-149) and replacement existing brew kettle (S-20 and S-21) with Brew Kettle No. 1 (S-150) and Brew Kettle No. 2 (S-151). Results in throughput increase from 4,006,080 bbls Wort per year to 4,441,320 bbls Wort per year.
- Due to Loss of Exemption, addition of the packaging line fillers, and a 310-hp emergency standby engine.
- Replacement of S-153 Bottle Filler Line 10 and S-154 Bottle Filler Line 20 with S-160 New Bottle Line 1 (Filler 1 & Filler 2). Bottler Filler Line 10 will be kept as back-up.

Renewal (Application 25108) **August 1, 2016**

- Besides updating the dates of adoption and approval of rules, etc., the NSR/Minor revision applications, received since the last permit renewal, are folded in this renewal as they were not processed as minor revisions individually.

IX. Revision History

- Permit is updated by deleting the sources and abatement devices: S-22, S-60, S-61, S-62, S-63, S-64, S-65, S-66, S-67, S-68, S-69, S-70, S-71, S-75, S-76, S-77, S-78, S-121, S-139, S-146, S-147, S-148, S-154, A-11, and A-14, which were removed, and adding new sources and abatement devices: S-165, S-166, S-167, S-168, S-169, S-170, S-171, S-172, S-173, S-174, S-175, S-176, S-177, S-178, S-179, A-51, A-54, A-166, and A-167.
- Source-specific tables were updated for existing sources and new tables were added for new sources.
- Monitoring Tables were updated for existing sources and new tables were added for new sources.
- Permit conditions were updated for existing sources and added for new sources.

X. GLOSSARY

ACT
Federal Clean Air Act

BAAQMD
Bay Area Air Quality Management District

BACT
Best Available Control Technology

CAA
The federal Clean Air Act

CAAQS
California Ambient Air Quality Standards

CEQA
California Environmental Quality Act

CFR
The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

CO
Carbon Monoxide

Cumulative Increase
The sum of permitted emissions from each new or modified source since a specified date pursuant to BAAQMD Rule 2-1-403, Permit Conditions (as amended by the District Board on 7/17/91) and SIP Rule 2-1-403, Permit Conditions (as approved by EPA on 6/23/95). Used to determine whether threshold-based requirements are triggered.

District
The Bay Area Air Quality Management District

EPA
The federal Environmental Protection Agency.

Excluded
Not subject to any District Regulations.

X. Glossary

Federally Enforceable, FE
All limitations and conditions which are enforceable by the Administrator of the EPA including those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part 52.21 (PSD), Part 60, (NSPS), Part 61, (NESHAPs), Part 63 (HAP), and Part 72 (Permits Regulation, Acid Rain), and also including limitations and conditions contained in operating permits issued under an EPA-approved program that has been incorporated into the SIP.

FP
Filterable Particulate as measured by BAAQMD Method ST-15, Particulate.

HAP
Hazardous Air Pollutant. Any pollutant listed pursuant to Section 112(b) of the Act. Also refers to the program mandated by Title I, Section 112, of the Act and implemented by 40 CFR Part 63.

Major Facility
A facility with potential emissions of regulated air pollutants greater than or equal to 100 tons per year, greater than or equal to 10 tons per year of any single hazardous air pollutant, and/or greater than or equal to 25 tons per year of any combination of hazardous air pollutants, or such lesser quantity as determined by the EPA administrator.

MFR
Major Facility Review. The District's term for the federal operating permit program mandated by Title V of the Act and implemented by District Regulation 2, Rule 6.

MOP
The District's Manual of Procedures.

NAAQS
National Ambient Air Quality Standards

NESHAPs
National Emission Standards for Hazardous Air Pollutants. See in 40 CFR Part 61.

NMHC
Non-methane Hydrocarbons

NOx
Oxides of nitrogen.

NSPS
Standards of Performance for New Stationary Sources. Federal standards for emissions from new stationary sources. Mandated by Title I, Section 111 of the Act, and implemented by both 40 CFR Part 60 and District Regulation 10.

X. Glossary

NSR
New Source Review. A federal program for pre-construction review and permitting of new and modified sources of air pollutants for which criteria have been established in accordance with Section 108 of the Federal Clean Air Act. Mandated by Title I of the Clean Air Act and implemented by 40 CFR Parts 51 and 52 District Regulation 2, Rule 2. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

Offset Requirement
A New Source Review requirement to provide federally enforceable emission offsets for the emissions from a new or modified source. Applies to emissions of POC, NOx, PM10, and SO2.

Phase II Acid Rain Facility
A facility that generates electricity for sale through fossil-fuel combustion and is not exempted by 40 CFR 72 from Titles IV and V of the Clean Air Act.

POC
Precursor Organic Compounds

PM
Particulate Matter

PM10
Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

PSD
Prevention of Significant Deterioration. A federal program for permitting new and modified sources of air pollutants for which the District is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the Act and implemented by both 40 CFR Part 52 and District Regulation 2, Rule 2.

SIP
State Implementation Plan. State and District programs and regulations approved by EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the Act.

SO2
Sulfur dioxide

Title V
Title V of the federal Clean Air Act. Requires a federally enforceable operating permit program for major and certain other facilities.

TRMP
Toxics Risk Management Plan

X. Glossary

TSP
Total Suspended Particulate

VOC
Volatile Organic Compounds

Units of Measure:

bhp	=	brake-horsepower
btu	=	British Thermal Unit
g	=	grams
gal	=	gallon
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
m^2	=	square meter
min	=	minute
mm	=	million
ppmv	=	parts per million, by volume
ppmw	=	parts per million, by weight
psia	=	pounds per square inch, absolute
psig	=	pounds per square inch, gauge
scfm	=	standard cubic feet per minute
yr	=	year