



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

TITLE V/STATE OPERATING PERMIT

Issue Date: September 30, 2021 Effective Date: November 18, 2024
Revision Date: November 18, 2024 Expiration Date: September 30, 2026
Revision Type: Modification, Significant

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 39-00006

Federal Tax Id - Plant Code: 46-3638710-1

Owner Information

Name: AMER CRAFT BREWERY LLC
Mailing Address: 7880 PENN DR
BREINIGSVILLE, PA 18031-1508

Plant Information

Plant: AMERICAN CRAFT BREWERY LLC/BREINIGSVILLE
Location: 39 Lehigh County 39920 Upper Macungie Township
SIC Code: 2082 Manufacturing - Malt Beverages

Responsible Official

Name: PHIL SAVASTANO
Title: SUPERINTEND. BREW. OPER.
Phone: (610) 391 - 4703 Email: Philip.savastano@bostonbeer.com

Permit Contact Person

Name: CHRIS MARTIN
Title: MANAGER, EHS
Phone: (610) 471 - 8951 Email: christopher.martin@Bostonbeer.com

[Signature] _____
MARK J. WEJKSZNER, *NORTHEAST REGION AIR PROGRAM MANAGER*



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General Title V Requirements

- #001 Definitions
- #002 Prohibition of Air Pollution
- #003 Property Rights
- #004 Permit Expiration
- #005 Permit Renewal
- #006 Transfer of Ownership or Operational Control
- #007 Inspection and Entry
- #008 Compliance Requirements
- #009 Need to Halt or Reduce Activity Not a Defense
- #010 Duty to Provide Information
- #011 Reopening and Revising the Title V Permit for Cause
- #012 Reopening a Title V Permit for Cause by EPA
- #013 Operating Permit Application Review by the EPA
- #014 Significant Operating Permit Modifications
- #015 Minor Operating Permit Modifications
- #016 Administrative Operating Permit Amendments
- #017 Severability Clause
- #018 Fee Payment
- #019 Authorization for De Minimis Emission Increases
- #020 Reactivation of Sources
- #021 Circumvention
- #022 Submissions
- #023 Sampling, Testing and Monitoring Procedures
- #024 Recordkeeping Requirements
- #025 Reporting Requirements
- #026 Compliance Certification
- #027 Operational Flexibility
- #028 Risk Management
- #029 Approved Economic Incentives and Emission Trading Programs
- #030 Permit Shield
- #031 Reporting
- #032 Report Format

Section C. Site Level Title V Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level Title V Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements



SECTION A. Table of Contents

D-VI: Work Practice Standards
D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!

Section E. Source Group Restrictions

E-I: Restrictions
E-II: Testing Requirements
E-III: Monitoring Requirements
E-IV: Recordkeeping Requirements
E-V: Reporting Requirements
E-VI: Work Practice Standards
E-VII: Additional Requirements

Section F. Alternative Operating Scenario(s)

F-I: Restrictions
F-II: Testing Requirements
F-III: Monitoring Requirements
F-IV: Recordkeeping Requirements
F-V: Reporting Requirements
F-VI: Work Practice Standards
F-VII: Additional Requirements

Section G. Emission Restriction Summary

Section H. Miscellaneous

**SECTION A. Site Inventory List**

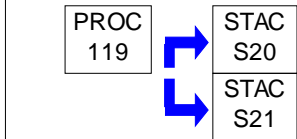
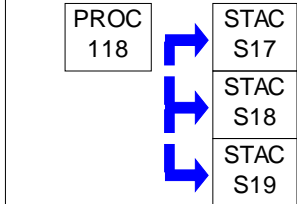
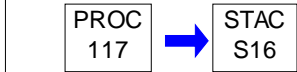
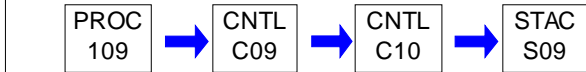
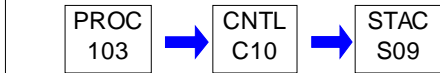
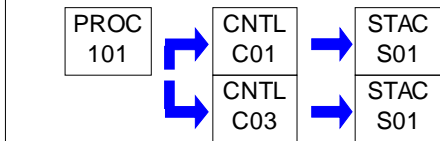
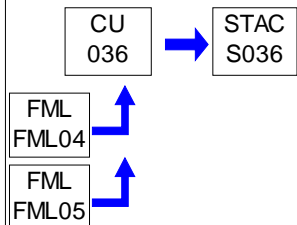
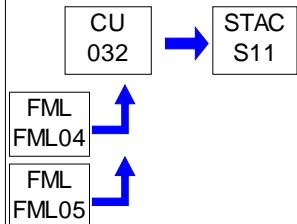
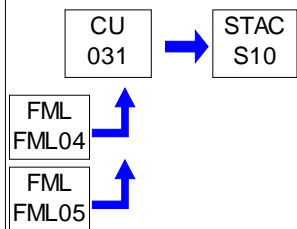
Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	BOILER NO.1	76.900	MMBTU/HR	
		76.900	MCF/HR	Natural Gas
032	BOILER NO.2	76.900	MMBTU/HR	
		76.900	MCF/HR	Natural Gas
036	BOILER NO.4	88.400	MMBTU/HR	
101	GRAINS UNLOADING (SILOS 1-9)	15.000	Tons/HR	GRAIN
103	GRAINS TRANSFER (SILOS 1-9)	15.000	Tons/HR	GRAIN
109	MALT MILL 1	5.500	Tons/HR	MALT
117	MASH TUN			
118	GRAIN LAUTERING (3)			
119	BREW KETTLES (2)	2,600.000	BBL/HR	WORT
121	FERMENTATION	2,600.000	BBL/HR	HARD CIDER, BEER, & CI
122	PRODUCT STORAGE	5,200.000	BBL/HR	BEER, HARD CIDER & NT
125	CO2 CARBON FILTER REGENERATION	3,900.000	BBL/HR	CARBON DIOXIDE
127	OFF SPEC PRODUCT DESTRUCT-BOTTLE CRUSHER			
129	CEREAL COOKING			
131	YEAST STORAGE			
133	PACKAGING ADHESIVE USE			
134	PACKAGE & PRODUCT CODING			
137	EMERGENCY FIRE WATER PUMP - 230KW	14.100	Gal/HR	Diesel Fuel
143	PACKAGING-BOTTLE FILLER			
145	EMERGENCY GENERATOR - 40 KW			
153	KEG FILLING LINE			
154	CAN LINE-TWO (2) CAN FILLERS			
158	PACKAGING - BOTTLE FILLER NO.2			
159	CASKING OPERATION (CASK HOUSE)			
160	PH ADJUSTMENT TANK			
161	OFF SPEC PRODUCT DESTRUCTION-CAN CRUSHER			
162	COOLSHIP (3)			
163	BAG-IN-BOX			
164	CAN LINE NO.3- CAN FILLER			
C01	BAGHOUSE - GRAINS UNLOADING FILTER RECEIVER			
C03	BAGHOUSE - GRAINS UNLOADING DUST COLLECTOR			
C09	CYCLONE - GRAIN TRANSFER FILTER RECEIVER			
C10	BAGHOUSE -GRAIN TRANSFER DUST COLLECTOR-6TH FL			
FML04	ULTRA LOW SULFUR DIESEL			
FML05	NATURAL GAS			
S01	SILOS FILTER RECEIVER			

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S036	BOILER NO. 4 STACK		
S09	MALT MILL BAGHOUSE STACK		
S10	BOILER NO.1 STACK		
S11	BOILER NO.2 STACK		
S16	MASH TUN STACK		
S17	LAUTER TON STACK T35		
S18	LAUTER TON STACK T1		
S19	LAUTER TON STACK T2		
S20	KETTLE STACK T36		
S21	KETTLE STACK T37		
S24	D CELLAR HORIZONTAL		
S25	PRODUCT STORAGE STACK		
S26	GOVERNMENT CELLAR VENT		
S27	FILTER REGENERATION VENT 1		
S28	FILTER REGENERATION VENT 2		
S29	FILTER REGENERATION VENT 3		
S30	COOKER V7 STACK		
S31	COOKER C1 STACK		
S32	COOKER C2 STACK		
S33	FILTER REGENERATION VENT 4		
S41	D CELLAR VERTICAL		
S42	E-1 CELLAR VENT		
S43	D CELLAR VENT 3		
S44	E-2 CELLAR VENT		
S47	FIRE WATER PUMP STACK		
S48	EMERGENCY GENERATOR STACK		
Z03	FUGITIVE EMISSIONS - OFF SPEC PRODUCT DESTRUCT		
Z09	FUGITIVE EMISSIONS - PRODUCT CODING		
Z131	FUGITIVE EMISSIONS - YEAST STORAGE		
Z133	FUGITIVE EMISSIONS - PACKAGING ADHESIVE USE		
Z143	FUGITIVE EMISSIONS - PACKAGING-FILLER		
Z153	FUGITIVE EMISSIONS - KEG FILLER		
Z154	FUGITIVE EMISSIONS - CAN LINE		
Z158	FUGITIVE EMISSIONS - BOTTLE LINE		
Z159	FUGITIVE EMISSIONS-CASK HOUSE		
Z160	PH ADJUSTMENT TANK FUGITIVES		
Z161	FUZITIVE EMISSIONS-CAN CRUSHER		
Z162	FUZITIVE EMISSIONS-COOLSHIP		
Z163	FUGITIVE EMISSIONS-BAG-IN-BOX		
Z164	FUGITIVE EMISSIONS-CAN LINE NO.3		

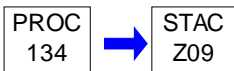
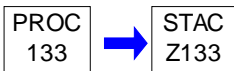
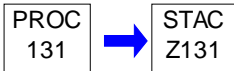
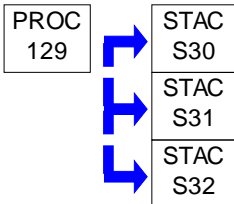
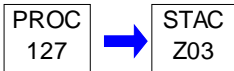
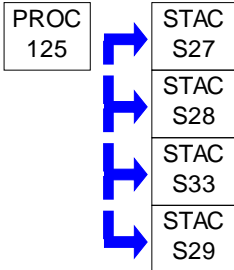
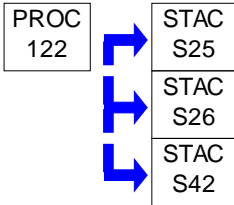
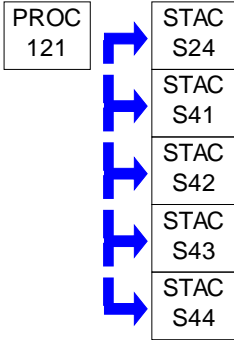


PERMIT MAPS



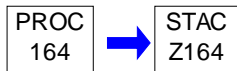
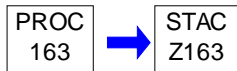
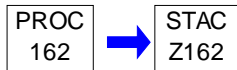
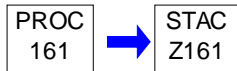
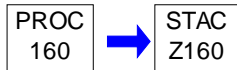
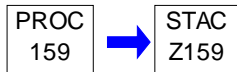
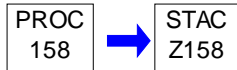
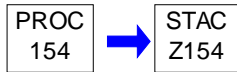
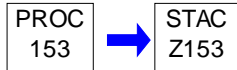
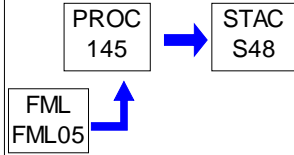
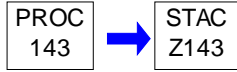
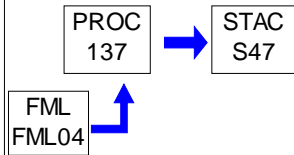


PERMIT MAPS





PERMIT MAPS



**SECTION B. General Title V Requirements****#001 [25 Pa. Code § 121.1]****Definitions**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the act.

#003 [25 Pa. Code § 127.512(c)(4)]**Property Rights**

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

#004 [25 Pa. Code § 127.446(a) and (c)]**Permit Expiration**

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e), 127.503 & 127.704(b)]**Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]**Transfer of Ownership or Operational Control**

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

- (1) The Department determines that no other change in the permit is necessary;
- (2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,
- (3) A compliance review form has been submitted to the Department and the permit transfer has been approved by

**SECTION B. General Title V Requirements**

the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]**Inspection and Entry**

(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following:

- (1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
- (2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
- (4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]**Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit.

#009 [25 Pa. Code § 127.512(c)(2)]**Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**SECTION B. General Title V Requirements****#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]****Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]**Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#012 [25 Pa. Code § 127.543]**Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#013 [25 Pa. Code § 127.522(a)]**Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**SECTION B. General Title V Requirements****#014 [25 Pa. Code § 127.541]****Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#015 [25 Pa. Code §§ 121.1 & 127.462]**Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#016 [25 Pa. Code § 127.450]**Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

#017 [25 Pa. Code § 127.512(b)]**Severability Clause**

The provisions of this permit are severable, and if any provision of this permit is determined by the Environmental Hearing Board or a court of competent jurisdiction, or US EPA to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]**Fee Payment**

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

**SECTION B. General Title V Requirements**

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.

(1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.

(2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.

(3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

#019 [25 Pa. Code §§ 127.14(b) & 127.449]**Authorization for De Minimis Emission Increases**

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

The Department may disapprove or condition de minimis emission increases at any time.

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

**SECTION B. General Title V Requirements**

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#020 [25 Pa. Code §§ 127.11a & 127.215]**Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#021 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the

**SECTION B. General Title V Requirements**

phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]**Submissions**

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the permit transmittal letter, or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2852

The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#023 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]**Sampling, Testing and Monitoring Procedures**

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#024 [25 Pa. Code §§ 127.511 & Chapter 135]**Recordkeeping Requirements**

(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.

**SECTION B. General Title V Requirements**

(5) The results of the analyses.

(6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of the required monitoring data and supporting information for at least five (5) years from the date of the monitoring sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#025 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]**Reporting Requirements**

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #022(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#026 [25 Pa. Code § 127.513]**Compliance Certification**

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

**SECTION B. General Title V Requirements****#027 [25 Pa. Code § 127.3]****Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]**Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
- (2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

**SECTION B. General Title V Requirements**

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Section B, Condition #026 of this permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#029 [25 Pa. Code § 127.512(e)]**Approved Economic Incentives and Emission Trading Programs**

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

#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]**Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

#031 [25 Pa. Code §135.3]**Reporting**

(a) The permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

#032 [25 Pa. Code §135.4]**Report Format**

Emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(a) No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (8) Sources and classes of sources other than those identified in paragraphs (1)-(7), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) the emissions are of minor significance with respect to causing air pollution; and
 - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

The permittee may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in SITE LEVEL - Condition #001 if such emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]**Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

004 [25 Pa. Code §123.41]**Limitations**

(a) The permittee may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60% at any time.

005 [25 Pa. Code §123.42]**Exceptions**

(a) The limitations of SITE LEVEL - Condition #004 shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

**SECTION C. Site Level Requirements**

(3) When the emission results from sources specified in SITE LEVEL - Condition #001.

006 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

Total NOX emissions from the facility shall not exceed 100 tons per year based on a 12 month rolling sum.

II. TESTING REQUIREMENTS.**# 007 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided, as well as the specifications for the facilities.

III. MONITORING REQUIREMENTS.**# 008 [25 Pa. Code §123.43]****Measuring techniques**

(a) Visible emissions may be measured using either of the following:

(1) A device approved by the Department and maintained to provide accurate opacity measurements.

(2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

009 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall conduct weekly inspections of the facility perimeter, during daylight hours when the plant is in operation, to detect visible, fugitive, and malodor emissions as follows:

(1) Visible emissions in excess of the limits stated in SITE LEVEL - Condition #004.

(i) Visible emissions may be measured according to the methods specified in SITE LEVEL - Condition #007, or alternatively, plant personnel who observe any visible emissions in excess of SITE LEVEL - Condition #004 will report the incident of visible emissions to the Department within four (4) hours of each incident and make arrangements for a certified observer to verify the opacity of the emissions.

(2) The presence of fugitive emissions visible beyond the boundaries of the facility, as stated in SITE LEVEL - Condition #002.

(3) The presence of malodor emissions beyond the boundaries of the facility, as stated in SITE LEVEL - Condition #003.

IV. RECORDKEEPING REQUIREMENTS.**# 010 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall keep a logbook of weekly facility inspections performed. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

(b) These records shall be kept for a five (5) year period and shall be made available to the Department upon request.

**SECTION C. Site Level Requirements****# 011 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

- (a) The permittee shall keep records of the supporting calculations on a monthly basis for NOx emissions from all sources at the facility to show compliance with NOx emissions limitation of 100 TPY based on a 12 month rolling sum basis.
- (b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 012 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

On a semi-annual basis (i.e., May 1st and November 1st), the permittee shall compile a report of all monitoring and any logged instances of deviations from the fugitive and visible emissions, to be submitted to the Department. If no deviations were detected this report shall be retained on site and made available to the Department upon request.

013 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

- (a) The company, within two (2) hours of discovery of an occurrence, shall notify the Department, at 610-861-2070, of any malfunction, recordkeeping and reporting errors, or other possible non-compliance issues, which result in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulations contained in Article III of the Rules and Regulations of the Department of Environmental Protection.
- (b) A written report shall be submitted to the Department within five (5) working days following the incident describing the malfunction, recordkeeping and reporting error or other non-compliance issue and the corrective actions being taken. The Department may take enforcement action for any violations of the applicable standards.

014 [25 Pa. Code §127.513]**Compliance certification.**

The reporting period for the certificate of compliance required by SECTION B - General Title V Requirement Condition #026, shall be for the previous calendar year, and it shall be submitted within 60 days after the end of the previous calendar year (December 31st) but no later than March 1st.

VI. WORK PRACTICE REQUIREMENTS.**# 015 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

- (a) The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:
- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
 - (2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
 - (3) Paving and maintenance of roadways.
 - (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

016 [25 Pa. Code §129.14]**Open burning operations**

- (a) No person may permit the open burning of material in an area outside of air basins in a manner that:
- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.

**SECTION C. Site Level Requirements**

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life or property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

(b) Exceptions: The requirements of subsection (a) do not apply where the open burning operations result from:

(1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.

(2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(3) A fire set for the prevention and control of disease or pests, when approved by the Department.

(c) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

(1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Subsection (a) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.

(3) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

VII. ADDITIONAL REQUIREMENTS.

017 [25 Pa. Code §127.512]

Operating permit terms and conditions.

Pursuant to the Maximum Achievable Control Technology (MACT) Standards for Hazardous Air Pollutants (HAP) provisions of 25 Pa. Code Section 127.35, HAP emissions from the facility shall be less than 10 TPY for any single HAP and shall be less than 25 TPY aggregate for any combination of HAPs during any consecutive 12-month rolling period.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** Permit Shield In Effect *****



SECTION D. Source Level Requirements

Source ID: 031

Source Name: BOILER NO.1

Source Capacity/Throughput: 76.900 MMBTU/HR

76.900 MCF/HR Natural Gas

Conditions for this source occur in the following groups: GROUP 01
GROUP 06



I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

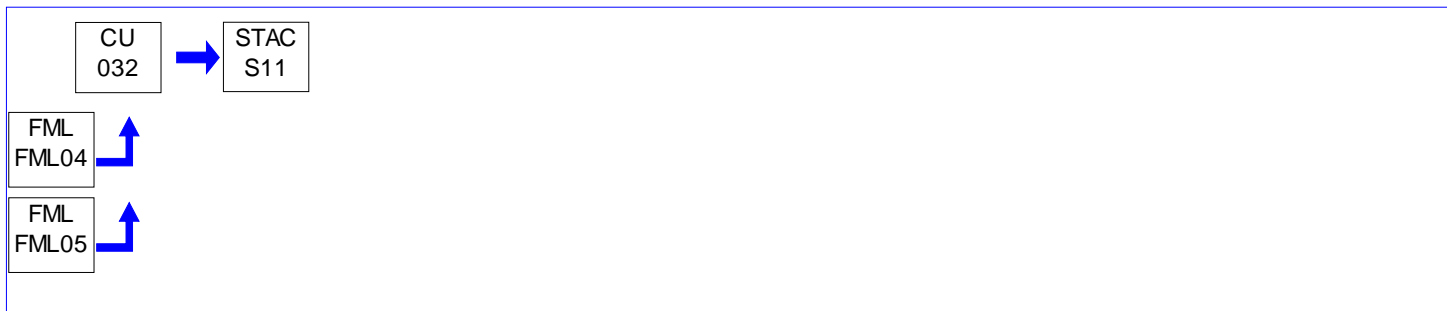
**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: BOILER NO.2

Source Capacity/Throughput: 76.900 MMBTU/HR

76.900 MCF/HR Natural Gas

Conditions for this source occur in the following groups: GROUP 01
GROUP 06**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

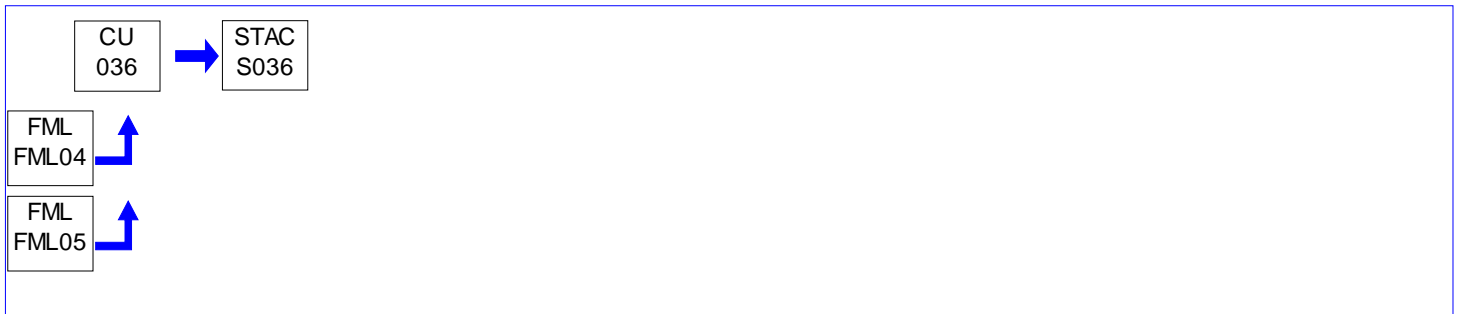
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 036

Source Name: BOILER NO.4

Source Capacity/Throughput: 88.400 MMBTU/HR

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Pursuant to the Best Available Technology (BAT) provision of 25 Pa. Code §§127.1 & 127.12(a)(5), the NO_x emissions from the boiler shall not exceed any of the following :

Fuel	Lb/MMbtu	PPM(at 3 % O ₂)	Lb/hr
Diesel Fuel	0.094	78	8.31
Natural Gas	0.036	30	3.18

002 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

Pursuant to the Best Available Technology (BAT) provision of 25 Pa. Code §§127.1 & 127.12(a)(5), the CO emissions from the boiler shall not exceed any of the following :

Fuel	Lb/MMbtu	PPM(at 3 % O ₂)	Lb/hr
Diesel Fuel	0.037	50	3.27
Natural Gas	0.037	50	3.27

003 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

Pursuant to the Best Available Technology (BAT) provision of 25 Pa. Code §§127.1 and 127.12(a)(5), the visible air contaminant from the boiler shall not be emitted in such a manner that the opacity of the emissions is equal to or greater than 20% for a period or periods aggregating more than 3 minutes in any one hour; or equal to or greater than 27% at any time. Whenever the boiler is in the startup & shutdown period the opacity limit listed above does not apply. The startup & shutdown period of boiler shall not to exceed half hour. All other times the boiler will be consider as a normal operation and the opacity limit as listed above shall apply. However, the Department reserves the right to change the startup & shutdown definition of the boiler based on information available at the time of issuance of the operating permit for the facility.

004 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

Emissions from this boiler (source id 036) shall not exceed the following limits during any consecutive 12-month rolling period:

Pollutant	Emission Limits in tons per year (12 month rolling sum)
NO _x	6.1
CO	2.64
VOC	0.81

**SECTION D. Source Level Requirements****Fuel Restriction(s).****# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Only Ultra Low Sulfur Diesel & natural gas shall be fired in this boiler. Pursuant to the Best Available Technology (BAT) provision of 25 Pa. Code §§127.1 and 127.12(a)(5), the sulfur content of Ultra Low Sulfur Diesel shall not exceed 0.0015% by weight at any time.

Throughput Restriction(s).**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Annual ultral low sulfur diesel usage shall not exceed 743,766 gallons on a 12-month rolling sum basis.

007 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The maximum heat input to the boiler shall not exceed 88.4 million BTUs per hour at any time from firing either diesel fuel or natural gas.

008 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

Following annual natural gas usages form boiler No. 4 at the facility shall not exceed on a 12-month rolling sum basis.

(a) Source Id 036-(Boiler no. 4)- 398,742 Mcf.

II. TESTING REQUIREMENTS.**# 009 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) If the results of a stack test, performed as required by this permit, exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. Within 30 days of the Permittee receiving the stack test results, a written description of the corrective actions shall be submitted to the Department. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. The Department shall notify the Permittee within 30 days, if the corrective actions taken are deficient. Within 30 days of receipt of the notice of deficiency, the Permittee shall submit a description of additional corrective actions to the Department. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(b) If the results of the required stack test exceed any limit defined in this permit, the test was not performed in accordance with the stack test protocol or the source and/or air cleaning device was not operated in accordance with the permit, then another stack test shall be performed to determine compliance. Within 120 days of the Permittee receiving the original stack test results, a retest shall be performed. The Department may extend the retesting deadline if the Permittee demonstrates, to the Department's satisfaction, that retesting within 120 days is not practicable. Failure of the second test to demonstrate compliance with the limits in the plan approval, not performing the test in accordance with the stack test protocol or not operating the source and/or air cleaning device in accordance with the permit may be grounds for immediate revocation of the permit to operate the affected source.

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Pursuant to the requirements of 40 CFR §60.47c(f)(3), the facility shall submit a site-specific monitoring plan to the Department for approval. This monitoring plan must include procedures and criteria for establishing and monitoring specific parameters for the affected facility indicative of compliance with the opacity standard. For testing performed as part of this site-specific monitoring plan, the Department may require as an alternative to the notification and reporting requirements specified in §§ 60.8 and 60.11 that the owner or operator submit any deviations with the excess emissions report required under § 60.48c(c).

**SECTION D. Source Level Requirements****# 011 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Pursuant to the requirement of 40 CFR 60.42c(h)(1), the company shall monitor sulfur content in diesel fuel by certification from the fuel supplier(s) for each shipment prior to any amount of fuel oil being combusted. The certification required by this condition may be based on sampling by the fuel supplier of the oil placed in storage in the tank or tanks from which the fuel supplier draws oil for shipment to the company.

012 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The permittee shall install and maintain the necessary meter(s) to determine and to record the amount of each fuel usage.

IV. RECORDKEEPING REQUIREMENTS.**# 013 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The company shall maintain daily records indicating the fuel type, average hourly firing rate, and total quantity used.

The permittee shall keep records on a monthly basis to verify compliance with NO_x, CO & VOC annual emissions limitations tons per year for the boiler.

014 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The permittee shall keep records of amount of each fuel combusted on a monthly basis to verify compliance with the ultra low sulfur diesel (ULSD) fuel usage restriction in any 12 consecutive month period.

015 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

Record monthly throughput of natural gas, utilize the recent stack data to calculate monthly emissions, maintain monthly and rolling 12-month actual emissions to compare to the PAE.

V. REPORTING REQUIREMENTS.**# 016 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Semi-annual reports shall be submitted by the permittee in accordance with 40 CFR §§60.48c(d), 60.48c(e)(11) and 60.48c(j). The initial semi-annual report shall be postmarked by the 30th day of the sixth month following the completion of the initial performance test. Each subsequent report shall be postmarked on May 1st and November 1st (this does not apply to gas-fired units).

017 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

This boiler is subject to 40 CFR Part 60 Subpart Dc, of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of these Subparts. Submit copies of all requests, reports, applications, submittals, and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Associate Director
Office of Air Enforcement and Compliance, 3AP20
US EPA, Region III
1650 Arch Street
Philadelphia, PA 19103

018 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The permittee shall submit reports to the Department on a semi-annual basis that include the supporting calculations to verify compliance with the NO_x, and CO emissions limitations for the boiler in any 12 consecutive month period. Reports shall be postmarked by the 30th day following the end of the reporting period (May 1st and November 1st). These reports shall be submitted to the Department upon request.

**SECTION D. Source Level Requirements****# 019 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The permittee shall comply with the recordkeeping and certification requirements in accordance with 40 CFR §§60.46c(e), 60.42c(h) and 60.48c(f)(1). All reports shall be submitted on a semi-annual basis.

(b) The permittee shall maintain daily fuel consumption records in accordance with 40 CFR §60.48c(g) (this applies to both gas and oil-fired units). Records shall be kept for the fuel firing rates of ULSD of the combustion unit on a monthly basis in order to determine sulfur dioxide (SO₂) emissions in accordance with 40 CFR 60.48c(e).

VI. WORK PRACTICE REQUIREMENTS.**# 020 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The company shall maintain and operate the boiler in accordance with the manufacturer's specification and with good engineering practice.

(b) The company shall perform an annual adjustment and/or tune-up on the combustion process as per manufacturer procedures.

021 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The permittee shall utilize low NO_x burners (LNB) and flue gas recirculation (FGR) technology to control NO_x emissions from the boiler. The boiler shall be operated with the operation of LNB and FGR at all the times.

VII. ADDITIONAL REQUIREMENTS.**# 022 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

This boiler is exempt from 40 CFR 63 Subpart JJJJJJ, as it meets the following requirements of 40 CFR §63.11237 for gas-fired boiler as listed below:

(a) The boiler shall only fire natural gas except during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing on liquid fuel firing shall not exceed a combined total of 48 hours during any calendar year.

(b) Whenever the boiler is fired on anything other than natural gas, the facility shall keep records of the hours of operation and type of fuel used.

(c) If at any time the facility utilizes fuel that does not meet the requirements of the conditions described above, the facility shall immediately comply with the requirements of 40 CFR Part 63 Subpart JJJJJJ.

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

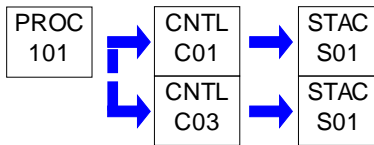
Source ID: 101

Source Name: GRAINS UNLOADING (SILOS 1-9)

Source Capacity/Throughput:

15.000 Tons/HR

GRAIN

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

(a) The permittee may not permit the emission into the outdoor atmosphere of particulate matter from each baghouse/dust collector during grain unloading into silos from trucks, at any time, in excess of the following rate:

- (1) PM- 0.18 lb/ton of grain unloaded.
- (2) PM10- 0.06 lb/ton of grain unloaded
- (3) PM2.5- 0.01 lb/ton of grain unloaded

(b) The permittee may not permit the emission into the outdoor atmosphere of particulate matter from each baghouse/dust collector during grain unloading into silos from railcars, at any time, in excess of the following rate:

- (1) PM- 0.03 lb/ton of grain unloaded.
- (2) PM10- 0.0078 lb/ton of grain unloaded
- (3) PM2.5- 0.0013 lb/ton of grain unloaded

The emissions limits shall be calculated using emissions factors provided in AP-42 Section 9.9.1, Grain Elevators and Processes.

002 [25 Pa. Code §123.41]**Limitations**

(a) The permittee shall not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60% at any time.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided, as well as the specifications for the facilities.

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The baghouse/dust collectors must be equipped with a device for monitoring the pressure differential across the collectors.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

(a) The pressure drop on Control Device C01 & C03 shall be recorded once each week while the source is operational.

(b) Source #101 shall not operate unless the control device is also operational.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §123.13]****Processes**

The permittee shall operate and maintain the control device in accordance with the manufacturer's specifications and good air pollution control practices.

007 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

(a) The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collectors associated with this Source ID #101 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of the sources and fabric collectors.

(b) The control device shall be operated and maintained in accordance with the manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

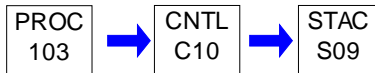
**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: GRAINS TRANSFER (SILOS 1-9)

Source Capacity/Throughput: 15.000 Tons/HR GRAIN

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The permittee may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60% at any time.

002 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

(a) The permittee may not permit the emission into the outdoor atmosphere of particulate matter from each baghouse/dust collector during grain transfer from silos, at any time, in excess of the following rate:

- (1) PM- 0.06 lb/ton of grain transfer.
- (2) PM10- 0.03 lb/ton of grain transfer
- (3) PM2.5- 0.0058 lb/ton of grain transfer

The emissions limits shall be calculated using emissions factors provided in AP-42 Section 9.9.1, Grain Elevators and Processes.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Upon the request of the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided, as well as the specifications for the facilities.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The baghouse/dust collectors must be equipped with a device for monitoring the pressure differential across the collectors.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The pressure drop on Control Device C10 shall be recorded once each week while the source is operational.

**SECTION D. Source Level Requirements**

(b) Source #103 shall not operate unless control device C10 is also operational.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The permittee shall keep on hand a sufficient quantity of spare baghouse/dust collector bags/filters for the collectors associated with source id 103 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of the sources and collectors.

(b) The control device shall be operated and maintained in accordance with the manufacturer's specifications and good air pollution control practices.

007 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The permittee shall operate and maintain the control device in accordance with the manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 109

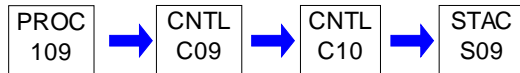
Source Name: MALT MILL 1

Source Capacity/Throughput:

5.500 Tons/HR

MALT

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

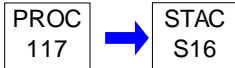
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 117

Source Name: MASH TUN

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) VOC emissions from the Mash Tun (Source ID #117) shall never exceed the following:

- (1) 0.05 Tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application 39-00006F.

Throughput Restriction(s).

002 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The company shall limit the following throughput from the Mash Tun (source id 117).

- (1) Total throughput no more than 2,000,000 BBLs per year, based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) An emission report with supporting calculations for Source #117 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The following reporting requirements relate to this source:

- (1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with emission limits.

- (2) Throughput shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with throughput limit.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

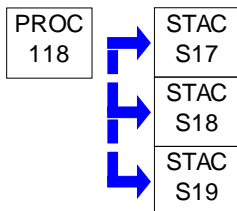
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 118

Source Name: GRAIN LAUTERING (3)

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) VOC emissions from the Grain Lautering (Source ID #118) shall never exceed the following:

- (1) 0.01 Tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application # 39-00006F.

Throughput Restriction(s).

002 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The company shall limit the following throughput from the Grain Lautring (source id 118).

- (1) Total throughput no more than 2,000,000 BBLs per year, based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) An emission report with supporting calculations for Source #118 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with emission limits.

(2) Throughput shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show

**SECTION D. Source Level Requirements**

compliance with throughput limit.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

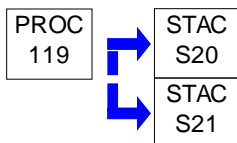
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 119

Source Name: BREW KETTLES (2)

Source Capacity/Throughput: 2,600.000 BBL/HR WORT

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) VOC emissions from the Brew Kettles (Source ID #119) shall never exceed the following:

- (1) 0.64 Tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application no. 39-00006F.

Throughput Restriction(s).

002 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The company shall limit the following throughput from the Brew Kettles (source id 119).

- (1) Total throughput no more than 2,000,000 BBLs per year, based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) An emission report with supporting calculations for Source #119 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The following reporting requirements relate to this source:

- (1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with emission limits.

**SECTION D. Source Level Requirements**

(2) Throughput shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with throughput limit.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

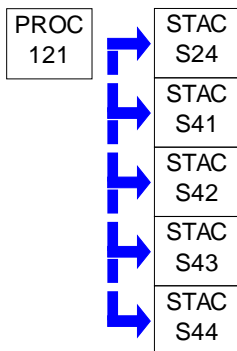
**SECTION D. Source Level Requirements**

Source ID: 121

Source Name: FERMENTATION

Source Capacity/Throughput: 2,600.000 BBL/HR HARD CIDER, BEER, & CMB/SB

Conditions for this source occur in the following groups: GROUP 03

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) VOC emissions from the fermenters (Source ID #121) shall never exceed the following:

- (1) 4.29 Tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided with the ISEP System Plan Approval Application.

Throughput Restriction(s).

002 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The company shall limit the following throughput from the fermentors (source id 121).

- (1) Total throughput (Beer, Hard Cider, CMB/SB) no more than 4,290,698 BBLs per year, based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §139.1]

Sampling facilities.

Upon the request of the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided, as well as the specifications for the facilities.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

- (a) An emission averaging report with supporting calculations for Source #121 must be calculated and recorded.
- (b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.**# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

- (a) The following reporting requirements relate to this source:
 - (1) VOC emissions shall be calculated and reported to the Department annually to show compliance with Condition #001.
 - (2) Throughput shall be calculated and reported to the Department annually to show compliance with throughput limit.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The fermenters shall not be operated without the use of the CO₂ recovery system except during the first 24-hours of fermentation in each newly filled fermenter.

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

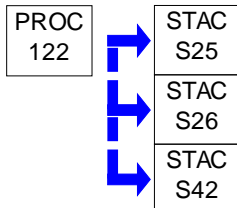
Source ID: 122

Source Name: PRODUCT STORAGE

Source Capacity/Throughput: 5,200.000 BBL/HR

BEER, HARD CIDER & NTBP

Conditions for this source occur in the following groups: GROUP 04

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) VOC emissions from the Product Storage (Source ID #122) shall never exceed the following:

- (1) 1.78 Tons of VOC per year (12 month rolling sum).

The emissions limits shall be calculated using emissions factors provided with the ISEP System Plan Approval Application no. 39-00006F.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Product storage (Source ID 122) at the facility shall never exceed 6,250,000 BBLs per year based on a 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

- (a) An emission report and throughput with supporting calculations for Source #122 must be calculated and recorded.
- (b) The reports required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

- (a) The following reporting requirements relate to this source:

**SECTION D. Source Level Requirements**

(1) VOC emissions shall be calculated and reported to the Department annually to show compliance with Condition #001.

(2) Throughput shall be calculated and reported to the Department annually to show compliance with throughput limit.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

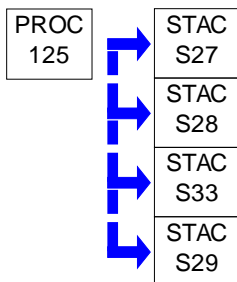
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 125

Source Name: CO2 CARBON FILTER REGENERATION

Source Capacity/Throughput: 3,900.000 BBL/HR CARBON DIOXIDE

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) VOC emissions from the CO2 Carbon Filter regeneration (Source ID #125) shall never exceed the following:

(1) 0.08 Tons of VOC per year (12 month rolling sum).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application no. 39-00006F.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) An emission report with supporting calculations for Source #125 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The following reporting requirements relate to this source:

(1) VOC emissions shall be calculated and reported to the Department annually to show compliance with Condition #001.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

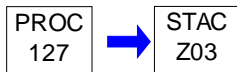
**SECTION D. Source Level Requirements**

Source ID: 127

Source Name: OFF SPEC PRODUCT DESTRUCT-BOTTLE CRUSHER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 03

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) VOC emissions from the Bottle Crusher (Source ID #127) shall never exceed the following:

- (1) 2.98 Tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application no. 39-00006F.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) An emission report with supporting calculations for Source #127 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The following reporting requirements relate to this source:

- (1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with emission limits.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

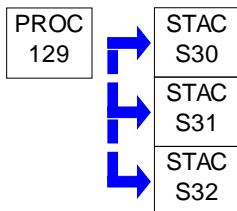
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 129

Source Name: CEREAL COOKING

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) VOC emissions from the Cereal Cooking (Source ID #129) shall never exceed the following:

- (1) 0.01 Tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application no. 39-00006F.

Throughput Restriction(s).

002 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The company shall limit the following throughput from the Cereal Cooking (source id 129).

- (1) Total throughput no more than 2,000,000 BBLs per year, based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) An emission report with supporting calculations for Source #129 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The following reporting requirements relate to this source:

- (1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with emission limits.

**SECTION D. Source Level Requirements**

(2) Throughput shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with throughput limit.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

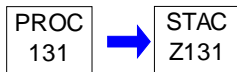
**SECTION D. Source Level Requirements**

Source ID: 131

Source Name: YEAST STORAGE

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 03

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) VOC emissions from the Yest Storage (Source ID #131) shall never exceed the following:

- (1) 7.77 Tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application no. 39-00006F.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The company shall limit the following throughput from the Yeast Storage (source id 131).

- (1) Total throughput no more than 2,000,000 BBLs per year, based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) An emission report with supporting calculations for Source #131 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The following reporting requirements relate to this source:

(1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with emission limits.

(2) Throughput shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show

**SECTION D. Source Level Requirements**

compliance with throughput limit.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

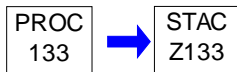
**SECTION D. Source Level Requirements**

Source ID: 133

Source Name: PACKAGING ADHESIVE USE

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 04

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(1) Total VOC emissions shall be less than 0.10 tpy based on 12 month rolling sum from the source ID 133.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this operating permit. The file shall include, but not be limited to: all air pollution control systems performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject to this operating permit. All measurements, records and other data required to be maintained by the company shall be retained for at least five (5) years following the date on which such measurements, records or data are recorded.

(b) The company shall maintain following records:

(1) The records shall provide sufficient data to clearly demonstrate that the requirement of the operating permit conditions are met.

(2) The emission of VOCs on a monthly basis and calculations to verify compliance with the VOC emissions limitations in any consecutive 12-month period.

(3) These records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

003 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

(a) An emission report with supporting calculations for Source #133 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

**SECTION D. Source Level Requirements****# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The permittee shall keep comprehensive and accurate records of the following information:

(1) The supporting calculations on a monthly basis used to verify compliance with the volatile organic compound (VOC) limitation in any consecutive 12-month period.

(2) The emissions factor and supporting calculations used to verify compliance with the volatile organic compound (VOC) emissions limitations.

(b) All records generated pursuant to this condition shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

005 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The company shall maintain a record of the amount of adhesive usages. This record shall be updated on a monthly basis and a record of compliance with the annual limit shall be maintained on a 12-month rolling sum. These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The following reporting requirements relate to this source:

(1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal, to show compliance with emissions limitations.

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

All the sources associated with adhesive usages shall be:

(a) Operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code § 121.1.

(b) Operated and maintained in a manner consistent with good operating and maintenance practices.

(c) Operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this operating permit.

VII. ADDITIONAL REQUIREMENTS.**# 008 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Source ID 133 (Packaging Adhesive Use) operations includes bottle labelers operating at the facility.

***** Permit Shield in Effect. *****

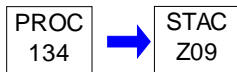
**SECTION D. Source Level Requirements**

Source ID: 134

Source Name: PACKAGE & PRODUCT CODING

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 04

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Authority for this condition is also derived from 25 Pa. Code, Section 129.92]

(a) VOC emissions from the Package and Product Coding (Source ID #134) shall never exceed the following:

- (1) 1.26 Tons of VOC per year.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Authority for this condition is also derived from 25 Pa. Code, Section 129.95]

(a) An emission averaging report with supporting calculations for Source ID #134 must be calculated and recorded on a yearly basis.

(b) The report required in (a) must be submitted to the Department upon request.

003 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall keep comprehensive and accurate records of the following information:

- (1) The supporting calculations on a monthly basis used to verify compliance with the volatile organic compound (VOC) limitations in any consecutive 12-month period.

- (2) The emissions factor and supporting calculations used to verify compliance with the volatile organic compound (VOC) emissions limitations.

(b) All records generated pursuant to this condition shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

004 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

**SECTION D. Source Level Requirements**

The company shall maintain a record of the amount of ink usage at the facility. This record shall be updated on a monthly basis and a record of compliance with the annual limit shall be maintained on a 12-month rolling sum. These records shall be retained for at least five (5) years and shall be made available to the Department upon request.

005 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

The permittee shall keep up-to-date records of Certified Product Data Sheets (CPDSs) or Material Safety Data Sheets (MSDSs) that identify the volatile organic compound (VOC) content and hazardous air pollutant (HAP) content of each VOC and/or HAP containing material used at the facility.

006 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

(a) To show compliance with emissions limitations, the permittee shall maintain records of ink and solvent usage and their VOC and HAP content. After each month, these records shall be used to calculate the VOC and HAP emissions for the preceding month.

(b) The company shall keep adequate records to verify monthly ink usage, the gallons diluents used, the gallons of water contained in the ink and the weight of the organic volatiles in the ink.

(c) The company shall maintain records of the total gallons of ink and diluents used each month, and upon request submit such records to the Department. These records shall be maintained for five (5) years.

V. REPORTING REQUIREMENTS.**# 007 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Authority for this condition is also derived from 25 Pa. Code, Section 129.95]

(a) The following reporting requirements relate to this source:

(1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal, to show compliance with the limitations. These reports shall be submitted to the Department upon request.

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

All the sources associated with ink usage shall be:

(a) Operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code § 121.1.

(b) Operated and maintained in a manner consistent with good operating and maintenance practices.

(c) Operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this operating permit.

VII. ADDITIONAL REQUIREMENTS.**# 009 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Source Id 134 (Packaging & Product Coating) operations include Ink Coaters operating at the facility.

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 137

Source Name: EMERGENCY FIRE WATER PUMP - 230KW

Source Capacity/Throughput:

14.100 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: GROUP 05

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

(a) The permittee may not permit the emission into the outdoor atmosphere of particulate matter from Source ID 137 in a manner that the concentration of particulate matter in the effluent gas exceeds the following:

- (1) .04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

(a) The permittee may not permit the emission into the outdoor atmosphere of sulfur oxides from Source ID 137 in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds:

- (1) 500 parts per million, by volume, dry basis.

Fuel Restriction(s).**# 003 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The source shall be fired solely by #2 diesel fuel oil containing less than 0.05% sulfur by weight.

Operation Hours Restriction(s).**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The source must operate less than 500 hours in a consecutive 12-month rolling sum period.

II. TESTING REQUIREMENTS.**# 005 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided, as well as the specifications for the facilities.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §123.21]****General**

The permittee shall maintain a record of the fuel oil specifications including but not limited to the sulfur content of the fuel oil as certified by the supplier. In the event that the supplier does not provide fuel oil specifications, sampling and analysis by the permittee shall be conducted for each shipment of fuel oil to assure fuel quality.

007 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

The permittee shall maintain records that indicate the hours of operation of the source does not exceed 500 hours in a consecutive 12-month rolling sum period.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

- (a) The source shall be maintained and operated in accordance with the manufacturers specifications.
- (b) The source must also be operated and maintained in accordance with good air pollution control practices.

009 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

This engine operates as an emergency stationary RICE located at an area source of HAP subject to 40 CFR Part 63 (NESHAPS) Subpart ZZZZ for Stationary Reciprocating Internal Combustion Engines.

The permittee shall operate the emergency stationary RICE according to the requirements in paragraph (1) through (3) in order to be considered an emergency stationary RICE. If the engine does not comply with the requirements specified in §63.6640(f), then it is not considered to be an emergency stationary RICE under this subpart.

- (1) The stationary RICE may be operated to provide electrical power or mechanical work during an emergency situation. There is no limitation on the operating hours for use of the RICE in emergency situations under 40 CFR §63.6640(f)(1). Examples include stationary RICE used to produce power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source, if the facility runs on its own power production) is interrupted, or stationary RICE used to pump water in the case of fire or flood, etc.
- (2) The stationary RICE may be operated under limited circumstances for up to 100 hours per calendar year for maintenance checks and readiness testing as specified in §63.6640(f)(2)(i).
- (3) The stationary RICE may be operated for non-emergency situations for up to 50 hours per calendar year as allowed in §63.6640(f)(4)(i) or (ii).

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart ZZZZ Table 2d]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions**

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first.
- (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary.
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

**SECTION D. Source Level Requirements**

**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart ZZZZ Table 6]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Table 6 to Subpart ZZZZ of Part 63.-- Continuous Compliance With Emission Limitations and Operating Limitations**
As stated in §63.6640, you must continuously comply with the emissions and operating limitations and work or management practices as required by TABLE 6 of this Subpart ZZZZ.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

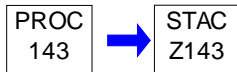
Source ID: 143

Source Name: PACKAGING-BOTTLE FILLER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 03

GROUP 07

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 145

Source Name: EMERGENCY GENERATOR - 40 KW

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 05

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §123.21]

General

(a) The permittee may not permit the emission into the outdoor atmosphere of sulfur oxides from Source ID 145 in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds the following:

(1) 500 parts per million, by volume, dry basis.

(b) Compliance with (a) above is demonstrated by utilizing pipeline quality gas.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart ZZZZ Table 2d]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions**

(a) Change oil and filter every 500 hours of operation or annually, whichever comes first.

(b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary.

(c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

**SECTION D. Source Level Requirements****# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63 Subpart ZZZZ Table 6]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Table 6 to Subpart ZZZZ of Part 63.-- Continuous Compliance With Emission Limitations and Operating Limitations**

As stated in §63.6640, you must continuously comply with the emissions and operating limitations and work or management practices as required by TABLE 6 of this Subpart ZZZZ.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

(f) If you own or operate an emergency stationary RICE, you must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1) through (4) of this section. In order for the engine to be considered an emergency stationary RICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (4) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (4) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary RICE in emergency situations.

(2) You may operate your emergency stationary RICE for any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraphs (f)(3) and (4) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

(ii) and (iii) [NA]

(3) [NA]

(4) Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. Except as provided in paragraphs (f)(4)(i) and (ii) of this section, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(i) Prior to May 3, 2014, the 50 hours per year for non-emergency situations can be used for peak shaving or non-emergency demand response to generate income for a facility, or to otherwise supply power as part of a financial arrangement with another entity if the engine is operated as part of a peak shaving (load management program) with the local distribution system operator and the power is provided only to the facility itself or to support the local distribution system.

(ii) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.

(B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

**SECTION D. Source Level Requirements**

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The permittee shall comply with all applicable requirements of 40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Categories (NESHAP) Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

***** Permit Shield in Effect. *****



SECTION D. Source Level Requirements

Source ID: 153

Source Name: KEG FILLING LINE

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 07



I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

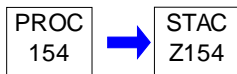
Source ID: 154

Source Name: CAN LINE-TWO (2) CAN FILLERS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 07

GROUP 08

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

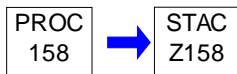
Source ID: 158

Source Name: PACKAGING - BOTTLE FILLER NO.2

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 07

GROUP 08

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

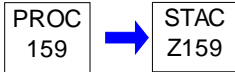
**SECTION D. Source Level Requirements**

Source ID: 159

Source Name: CASKING OPERATION (CASK HOUSE)

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 08

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(1) The total fugitive VOC emissions from the casking operation shall not exceed 6.12 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

(2) Evaporative losses emissions (VOCs) from the casking operations shall be calculated using latest AP-42 emissions factors assuming all VOC's are ethanol.

(3) Working losses emissions (VOCs) from the casking operations shall be calculated using latest USEPA's Tanks modeling software assuming all VOC's are ethanol, assuming minimum product temperature of 60 degree F and maximum of 85 degree F and using actual transfer per cask.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall not house more than 1,750 casks at a time and the total volume stored shall not exceed more than 92,750 gallons of products.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall keep sufficient records on a monthly basis to demonstrate that the casking operation has never exceeded its throughput limit of 1,750 casks at a time and no more than 92,750 gallons of products in total stored.

All records generated pursuant to this condition shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

004 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

(a) The permittee shall keep comprehensive and accurate records of the following information:

(1) The supporting calculations on a monthly basis used to verify compliance with the volatile organic compound

**SECTION D. Source Level Requirements**

limitations for the facility in any 12 consecutive month period.

(2) The emissions factor and supporting calculations used to verify compliance with the volatile organic compound emissions limitations.

(b) All records generated pursuant to this condition shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

005 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The permittee shall submit annual reports to the Department on the following information for the source in accordance with the schedule for annual reporting in the facility's Title V Operating Permit:

(1) The emission of VOCs on a monthly basis and calculations to verify compliance with the VOC emission limitations in any 12 consecutive month period.

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.512]

Operating permit terms and conditions.

Product transfer startup & shutdowns are monitored by company personnel to minimize product loss while casks are filled. The casks shall be filled enough to ensure there is no air remaining within the casks.

007 [25 Pa. Code §127.512]

Operating permit terms and conditions.

Spills shall be collected and shall be placed in a closed container to prevent and suppress emissions.

008 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The source shall be

(a) operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code § 121.1.

(b) operated and maintained in a manner consistent with good operating and maintenance practices;

and

(c) operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this Permit.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

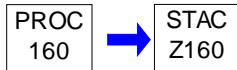
**SECTION D. Source Level Requirements**

Source ID: 160

Source Name: PH ADJUSTMENT TANK

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 03

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) VOC emissions from the pH Adjustment Tank (Source id 160) shall never exceed the following:

- (1) 5.66 tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application 39-00006F.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Throughput for the pH Adjustment Tank (Source ID 160) shall never exceed 836,446,688 gallons per year based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this operating permit. The file shall include, but not be limited to: all air pollution control systems performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject to this operating permit. All measurements, records and other data required to be maintained by the company shall be retained for at least five (5) years following the date on which such measurements, records or data are recorded.

004 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The company shall maintain following records:

- (1) Data which clearly demonstrates that the source never exceeds its rated capacity.

(2) The records shall provide sufficient data to clearly demonstrate that the requirement of plan approval conditions are met.

**SECTION D. Source Level Requirements**

(3) Monthly throughput for the pH Adjustment tank.

(4) The emission of VOCs on a monthly basis and calculations to verify compliance with the VOC emissions limitations in any 12 consecutive month period.

(5) These records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

005 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The permittee shall keep comprehensive and accurate records of the following information:

(1) An emission and throughput report with supporting calculations on a monthly basis used to verify compliance with the volatile organic compound (VOC) limitations for the pH Adjustment Tank Source ID 160 in any 12 consecutive month period.

(2) The emissions factor and supporting calculations used to verify compliance with the volatile organic compound (VOC) emissions limitations.

(b) All records generated pursuant to this condition shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

006 [25 Pa. Code §127.512]

Operating permit terms and conditions.

VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal, to show compliance with the limitations. These reports shall be submitted to the Department upon request.

007 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The permittee shall submit annual reports to the Department on the following information for the source:

(1) The emission of VOCs on a monthly basis and calculations to verify compliance with the VOC emission limitations in any 12 consecutive month period.

(2) The throughput per month.

(b) The annual reports shall be submitted to the Department within ACB's yearly AIMS submittal. These reports shall be submitted to the Department upon request.

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The source shall be:

(a) Operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code § 121.1.

(b) Operated and maintained in a manner consistent with good operating and maintenance practices.

(c) Operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this operating permit.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

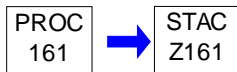
**SECTION D. Source Level Requirements**

Source ID: 161

Source Name: OFF SPEC PRODUCT DESTRUCTION-CAN CRUSHER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 08

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) VOC emissions from the Can Crusher (Source ID 161) shall never exceed the following:

- (1) 11.00 Tons of VOC per year (12 month rolling sum).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application no. 39-00006H.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Throughput for the Can Crusher (Source ID 161) shall never exceed 44,355 BBLs per year based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall ensure that liquid throughput measuring devices for source Id 161 shall be installed, calibrated, operated and maintained according to the vendor's specifications at all times.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) An emission report and throughput with supporting calculations for Source ID 161 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

005 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The permittee shall monitor and record liquid throughput of Source ID 161 Can Crusher using a flow meter in gallons on a daily basis.

V. REPORTING REQUIREMENTS.**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The following reporting requirements relate to this source:

**SECTION D. Source Level Requirements**

(1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with the emissions limit.

(2) Throughput shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with throughput limit.

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The source shall be:

- (a) Operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code § 121.1.
- (b) Operated and maintained in a manner consistent with good operating and maintenance practices.
- (c) Operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this permit.

008 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The flow meter employed by the permittee to monitor & record the throughput shall be accurate within plus or minus two percent (+/- 2%). Calibration records shall be maintained at the site for Department personnel verification.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

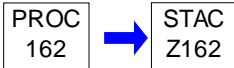
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 162

Source Name: COOLSHIP (3)

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) VOC emissions from the Coolship (Source ID 162) shall never exceed the following:

- (1) 0.08 Tons of VOC per year (12 month rolling average).

The emissions limits shall be calculated using emissions factors provided in Plan Approval Application no. 39-00006F.

Throughput Restriction(s).

002 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The company shall limit the following throughput from the collship (source ID 162).

- (1) Total throughput no more than 2,000,000 BBLs per year, based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) An emission report with supporting calculations for Source #162 must be calculated and recorded.

(b) The report required in (a) must be submitted to the Department upon request.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The following reporting requirements relate to this source:

- (1) VOC emissions shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with emission limit.

- (2) Throughput shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with throughput limit.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

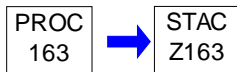
**SECTION D. Source Level Requirements**

Source ID: 163

Source Name: BAG-IN-BOX

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 07

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****



SECTION D. Source Level Requirements

Source ID: 164 Source Name: CAN LINE NO.3- CAN FILLER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 07



I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 01

Group Description: BOILERS

Sources included in this group

ID	Name
031	BOILER NO.1
032	BOILER NO.2

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following:

(1) NA.

(2) The rate determined by the following formula:

$$A = 3.6E^{(-0.56)}$$

where

A = Allowable emissions in pounds per million BTUs of heat input,
and

E = Heat input to the combustion unit in millions of BTUs per hour,

when E is equal to or greater than 50 but less than 600.

002 [25 Pa. Code §123.22]**Combustion units**

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in 40 CFR 52.2020]

(a) Nonair basin areas. Combustion units in nonair basin areas shall conform with the following:

(1) General provision. No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from a combustion unit (Sources #031 and #032) in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

(2) Commercial fuel oil.

(i) Except as specified in subparagraphs (ii) and (iii), a person may not offer for sale, deliver for use, exchange in trade or permit the use of commercial fuel oil in nonair basin areas if the commercial fuel oil contains sulfur in excess of the applicable maximum allowable sulfur content set forth in the following table:

Maximum Allowable Sulfur Content Beginning September 1, 2020,
Expressed as Parts per Million (ppm) by Weight or Percentage by Weight

Grades Commercial Fuel Oil (Consistent with ASTM D396)

No. 2 and lighter oil 15 ppm (0.0015%)

003 [25 Pa. Code §123.41]**Limitations**

(a) A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

(1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.

**SECTION E. Source Group Restrictions.**

(2) Equal to or greater than 60% at any time.

004 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Authority for this condition is also derived from 25 Pa. Code, Section 129.92]

NOx emissions from Sources #031 and #032 shall never exceed the following:

18.27 Tons of NOx per year (12 Month Rolling Average).

005 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

Emissions from boilers (source id 031 & 032) shall not exceed the following limits during any consecutive 12-month rolling period:

Pollutant Emission Limits in tons per year (12 month rolling sum)

CO - 15.04

VOC 0.98

Throughput Restriction(s).**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Following annual natural gas usages for boilers at the facility shall not exceed on a 12-month rolling sum basis.

(a) Source Ids 031 and 032 (Boiler no. 1 & 2)- 358,151 Mcf

II. TESTING REQUIREMENTS.**# 007 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided, as well as the specifications for the facilities.

III. MONITORING REQUIREMENTS.**# 008 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The permittee shall, upon each delivery of fuel oil, keep on-site an analysis of the No. 2 Fuel Oil used by these sources. A representative sample shall be obtained and tested. The fuel characteristics to be determined shall include, but not be limited to, the following:

(1) The percent (%) sulfur content, by weight.

Testing shall be done in accordance with 25 Pa. Code, Chapter 139.

(b) If the supplier of the oil can provide certification of the values of the fuel characteristics mentioned in section (a) (specific to each shipment of No. 2 Fuel Oil delivered to the facility), the permittee may substitute such certification (signed and notarized by a responsible official) for the analysis of a representative sample.

**SECTION E. Source Group Restrictions.****# 009 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall install and maintain the necessary meter(s) to determine and to record the amount of each fuel usage.

IV. RECORDKEEPING REQUIREMENTS.**# 010 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall keep records of the hours of operation of these boilers.

These records with the records of the sulfur content of the No. 2 Fuel Oil, shall be used with PADEP approved emission factors to determine compliance with Source Group 01 - Conditions #002.

011 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

(a) The monthly and twelve month rolling average fuel usage rates by fuel type, and the monthly and twelve month rolling average NOx emissions in tons for each boiler shall be maintained by the permittee and made available to the Department upon request.

(b) An emission report with supporting calculations must be calculated and recorded to show compliance with emissions limitations for the pollutant.

(c) Sulfur content of No. 2 Fuel Oil shall be determined by vendor certified specifications. In the event that the supplier does not provide fuel oil specifications, sampling and analysis by the permittee shall be conducted for each shipment of fuel oil to assure compliance with Group 01 - Condition #002.

012 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

Record monthly throughput of natural gas, utilize the recent stack data to calculate monthly emissions, maintain monthly and rolling 12-month actual emissions to compare to the PAE.

V. REPORTING REQUIREMENTS.**# 013 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The monthly and twelve month rolling average NOx emissions in tons for each boiler shall be reported to the Department annually, on May 1st, to show compliance with Group 01 - Condition #005.

(b) Particulate Matter emissions shall be reported to the Department annually, on May 1st, to show compliance with Group 01 - Condition #001.

(c) Sulfur Dioxide emissions shall be reported to the Department annually, on May 1st, to show compliance with Group 01 - Condition #002.

These reports shall be submitted to the Department upon request.

VI. WORK PRACTICE REQUIREMENTS.**# 014 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The company shall maintain and operate all the boilers in accordance with the manufacturer's specification and with good engineering practice.

(b) The company shall perform an annual adjustment and/or tune-up on the combustion process as per manufacturer procedures.

VII. ADDITIONAL REQUIREMENTS.**# 015 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(Pursuant to 40 CFR 63 Subpart JJJJJJ; National Emission Standards for Hazardous Air Pollutants for

**SECTION E. Source Group Restrictions.**

Industrial, Commercial, and Institutional Boilers Area Sources)

The boilers are exempt from 40 CFR 63 Subpart JJJJJJ, if they meet the following requirements of § 63.11237 for gas-fired boilers listed below:

- (a) The boilers shall only fire natural gas except during periods of gas curtailment, gas supply emergencies, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.
- (b) Whenever the boilers are fired on anything other than natural gas, the facility shall keep records of the hours of operation and type of fuel used.

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 02

Group Description: Grains Loading, Transferring, Silos, and Malt Mills

Sources included in this group

ID	Name
103	GRAINS TRANSFER (SILOS 1-9)
109	MALT MILL 1

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

(a) The permittee may not permit the emission into the outdoor atmosphere of particulate matter from any process listed in Source Group 02 in a manner that the concentration of particulate matter in the effluent gas exceeds the following:

- (1) .04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.41]**Limitations**

(a) The permittee may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
 (2) Equal to or greater than 60% at any time.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided, as well as the specifications for the facilities.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The fabric collectors must be equipped with a device for monitoring the pressure differential across the collectors.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Pressure differentials across the Control Devices shall be recorded once each week while the Sources are operational.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collectors associated with Group 02 Sources in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of the sources and

**SECTION E. Source Group Restrictions.**

fabric collectors.

(b) The control device shall be operated and maintained in accordance with the manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 03

Group Description: RACT II equals to RACT III Case by Case Sources

Sources included in this group

ID	Name
121	FERMENTATION
127	OFF SPEC PRODUCT DESTRUCT-BOTTLE CRUSHER
131	YEAST STORAGE
143	PACKAGING-BOTTLE FILLER
160	PH ADJUSTMENT TANK

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.100(d) and §129.115(f)]

(a) The permittee shall maintain records of monthly and 12-month rolling VOC emissions from sources, as applicable, and shall keep records of the VOC emissions pursuant to 25 Pa. Code §129.100 and §129.115, including emissions unit throughputs and emissions factors.

(b) The permittee shall maintain sufficient records to demonstrate compliance with RACT II and RACT III requirements. Sufficient records may include, but are not limited to:

- (i) Annual compliance reports,
- (ii) Production data, and
- (iii) Preventative maintenance program records.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.99(d) and §129.114(d).]

At a minimum, the following work practices shall be followed:

(a) The permittee shall operate in accordance with the Best Management Practices submitted to PADEP, or as updated and kept on file, and keep records of maintenance performed at applicable emissions units.

(b) The permittee shall maintain all equipment in accordance with manufacturers specifications and maintain records of any maintenance performed.

**SECTION E. Source Group Restrictions.**

(c) The aforementioned source(s) may only be operated as long as the sources are operated and maintained in accordance with the specifications set forth in the respective operating permit(s), and the application(s) submitted for said operating permit(s) (as approved by the Department), and in accordance with any conditions set forth herein.

(d) The sources shall be operated and maintained in accordance with the manufacturers specification and with good engineering & air pollution control practices.

(e) Employee training detailing good work practices to operate aforementioned sources for minimizing emissions; and

(f) Periodic inspection of production and operating activities;.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 04

Group Description: RACT II Presumptive Sources for Sources with a VOC PTE < 2.7 tpy

Sources included in this group

ID	Name
122	PRODUCT STORAGE
133	PACKAGING ADHESIVE USE
134	PACKAGE & PRODUCT CODING

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(c)(2).]

In accordance with 25 Pa. Code §129.97(c)(2), beginning on January 1, 2017, the permittee shall limit emissions of VOC from each source listed in Group 04 to less than 2.7 tpy, and shall maintain and operate these sources in accordance with the manufacturer's specifications and with good operating practices.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.100]

(a) The permittee shall maintain records of monthly and 12-month rolling VOC emissions from sources, as applicable, and shall keep records of the VOC emissions pursuant to 25 Pa. Code §129.100, including emissions unit throughputs and emissions factors.

(b) The permittee shall maintain sufficient records to demonstrate compliance with RACT 2 requirements. Sufficient records may include, but are not limited to:

- (i) Annual compliance reports,
- (ii) Production data, and
- (iii) Preventative maintenance program records.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(c).]

Maintain and operate each emission source in accordance with existing Facility preventative maintenance practices and recordkeeping procedures.

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 05

Group Description: RACT II Presumptive Sources for NOx and VOC for Stationary ICE

Sources included in this group

ID	Name
137	EMERGENCY FIRE WATER PUMP - 230KW
145	EMERGENCY GENERATOR - 40 KW

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(c).]

Source IDs 145 and 137 only:

In accordance with 25 Pa. Code §129.97(c)(5) for VOC and NOx RACT, beginning on January 1, 2017, the permittee shall maintain and operate these Group 05 Sources in accordance with the manufacturer's specifications and with good operating practices.

002 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(c).]

Source ID 136 only:

In accordance with 25 Pa. Code §129.97(c)(8), beginning on January 1, 2017, the Emergency Generator - 1250 kW (Source ID 136) shall operate less than 500 hours in a 12-month rolling period, and the permittee shall maintain and operate this source in accordance with the manufacturer's specifications and with good operating practices.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(c).]

Maintain and operate each emission source in accordance with existing Facility preventative maintenance practices and recordkeeping procedures.

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 06

Group Description: RACT II Presumptive Sources for VOC for Combustion Units

Sources included in this group

ID	Name
031	BOILER NO.1
032	BOILER NO.2

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(d).]

In accordance with 25 Pa. Code §129.97(d) for VOC RACT, beginning on January 1, 2017, the permittee shall maintain and operate these Group 06 Sources in accordance with the manufacturer's specifications and with good operating practices.

002 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(g).]

In accordance with 25 Pa. Code §129.97(g)(1)(i), beginning January 1, 2017, the average NOx emissions from three runs for these Group 06 Sources shall not exceed 0.10 lb/MMBtu when firing natural gas.

003 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(g).]

In accordance with 25 Pa. Code §129.97(g)(1)(ii), beginning January 1, 2017, the average NOx emissions from three runs for these Group 06 Sources shall not exceed 0.12 lb/MMBtu when firing distillate oil.

II. TESTING REQUIREMENTS.**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(g).]

The permittee shall conduct an initial emissions source test and conduct subsequent testing once in every five-year calendar period to demonstrate compliance with the NOx emissions restrictions under 25 Pa. Code §129.97(g)(1)(i), and 25 Pa. Code §129.97(g)(1)(ii), in accordance with 25 Pa. Code §129.100(a)(4).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**SECTION E. Source Group Restrictions.****VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.97(d).]

Maintain and operate each emission source in accordance with existing Facility preventative maintenance practices and recordkeeping procedures.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 07

Group Description: Filling Operations

Sources included in this group

ID	Name
143	PACKAGING-BOTTLE FILLER
153	KEG FILLING LINE
154	CAN LINE-TWO (2) CAN FILLERS
158	PACKAGING - BOTTLE FILLER NO.2
163	BAG-IN-BOX
164	CAN LINE NO.3- CAN FILLER

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) VOC emissions from the Filling operations (Source IDs. 143, 153, 154, 158 & Bag-in box) shall never exceed the following:

- (1) 50.78 Tons of VOC per year (12 month rolling sum).

The emissions from filling operations shall be calculated using emissions factors provided with the Plan Approval Application no. 39-00006F.

Throughput Restriction(s).**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Combined throughput for the Filling operations (Source IDs. 143,153, 154, 158, 163 & 164) shall never exceed 6,250,000 BBLs per year based on 12 month rolling sum.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) An emission report and throughput with supporting calculations for filling operations (Source IDs. 143,153, 154, 158, 163 & 164) must be calculated on a monthly basis and recorded.

(b) Calculate a 12-month consecutive VOC emissions total as the sum of the previous 11 months of calculated VOC emissions with the current month to demonstrate compliance with the VOC emission limit.

(c) The report required in (a) must be submitted to the Department upon request.

004 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

a) The permittee shall keep comprehensive and accurate records of the following information:

- (1) The supporting calculations on a monthly basis used to verify compliance with the volatile organic compound (VOC)

**SECTION E. Source Group Restrictions.**

limitations for each Source in any 12 consecutive month period.

(2) The emissions factor and supporting calculations used to verify compliance with the volatile organic compound (VOC) emissions limitations.

(b) All records generated pursuant to this condition shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

005 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

(a) The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this operating permit. The file shall include, but not be limited to: all air pollution control systems performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject to this operating permit. All measurements, records and other data required to be maintained by the company shall be retained for at least five (5) years following the date on which such measurements, records or data are recorded.

(b) The company shall maintain following records:

(1) Data which clearly demonstrates that any filler never exceeds its rated capacity.

(2) The records shall provide sufficient data to clearly demonstrate that the requirement of operating permit conditions are met.

(3) Monthly throughput for each source.

(4) The emission of VOCs on a monthly basis and calculations to verify compliance with the VOC emissions limitations in any 12 consecutive month period.

(5) These records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The following reporting requirements relate to these sources:

(1) VOC emissions from each source shall be calculated on a monthly basis and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with the emissions limit.

(2) Throughput for each source shall be calculated and reported to the Department annually, within ACB's yearly AIMS submittal to show compliance with throughput limit.

(b) These reports shall be submitted to the Department upon request.

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The filling operations source shall be:

(a) Operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code § 121.1.

(b) Operated and maintained in a manner consistent with good operating and maintenance practices.

(c) Operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this operating permit.

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 08

Group Description: RACT III Case by Case Sources

Sources included in this group

ID	Name
154	CAN LINE-TWO (2) CAN FILLERS
158	PACKAGING - BOTTLE FILLER NO.2
159	CASKING OPERATION (CASK HOUSE)
161	OFF SPEC PRODUCT DESTRUCTION-CAN CRUSHER

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The company shall maintain and operate the sources in accordance with the manufacturer's specifications and with good operating practices.

002 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The company shall operate the sources in accordance with the following good operating and maintenance practices of the associated equipment, which constitutes RACT for the Can and Bottle Fillers, Casking Operations, and Can Crushers equipment.

SOURCE IDS 154: CAN LINE – TWO (2) CAN FILLERS

1. Source ID 154 shall use automated equipment to provide consistent and expected results during normal filling operations.

2. Source ID 154 shall be equipped with automated alert systems that trigger an alert when shutdowns occur from filling activities that are not within proper specifications.

3. The company shall perform periodic checks on the equipment to ensure no leaks are present. If any leaks are discovered, they are recorded and serviced, which prevents fugitive emissions from the source.

SOURCE IDS 158: PACKAGING BOTTLE FILLER NO. 2

**SECTION E. Source Group Restrictions.**

1. Source ID 158 shall use automated equipment to provide consistent and expected results during normal filling operations.
2. Source ID 158 shall be equipped with automated alert systems that trigger an alert when shutdowns occur from filling activities that are not within proper specifications.
3. the company shall perform periodic checks on the equipment to ensure no leaks are present. If any leaks are discovered, they are recorded and serviced, which prevents fugitive emissions from the source.

SOURCE ID 159: CASKING OPERATION (CASK HOUSE)

1. Source ID 159 shall comply with the existing throughput limit of 1,750 barrels. ACB records their annual throughput in a 12-month rolling period, to demonstrate that the throughput limit is not being exceeded.
2. The company shall perform periodic checks on the equipment to ensure no leaks are present. If any leaks are discovered, they are recorded and serviced, which prevents fugitive emissions from the source.

SOURCE ID 161: OFF-SPEC PRODUCT DESTRUCTION – CAN CRUSHER

1. The Source ID 161 shall use an enclosed system, which minimizes the fugitive emissions from the crushing of products that do not meet quality specifications (off-spec) products. After crushing, the enclosed system shall collect spilled and evaporated off-spec product and routes it to wastewater treatment operations.
2. The company shall perform monthly inspections and annual routine maintenance on the can crusher to reduce the likelihood of operational failure and prevent leaks.
3. The company shall perform periodic checks on the equipment to ensure no leaks are present. If any leaks are discovered, they are recorded and serviced, which prevents fugitive emissions from the source.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

The Department received the Title V operating permit application for this facility on June 9, 2020. The Title V Operating Fees shall be paid in accordance with Pa Code Title 25, Section 127.704 and Section 127.705.

This permit is a renewal of Operating Permit No. TV 39-00006 and includes conditions from Plan Approval No. 39-00006B, No. 39-399-070, No. 39-399-071, and No. 39-399-063.

The following is a list of sources that have been determined by the Department to be of minor significance under 25 Pa. Code, Chapter 127, Section 127.14(a)(8) and are not regulated in this TV Operating Permit. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-143:

RFD 39-0876 was approved on 03/07/2017 for R&D small batches of malt beverages.

RFD 39-0878 was approved on 04/04/2017 to increase operational efficiency of can line id 154.

RFD 39-0879 was approved on 05/30/2017 for hand bottling filler on source 159

RFD 39-0891 was approved on 02/23/2018 to add VFD to fan feeding boiler #4.

RFD 39-0901 was approved on 06/14/2018 for 5 small gas fired boilers.

RFD 39-0904 was approved on 08/08/2018 to install one ISEP system and replace fermentation tanks.

RFD 39-0909 was approved on 12/24/2018 for decision not to replace two existing coolships.

RFD 39-0912 was approved on 02/26/2019 for sugar unloading system.

RFD 39-0917 was approved on 06/14/2019 for two yeast propagation tanks.

RFD e8208 was approved on 03/25/2020 to start an R&D nano brewery.

RFD 8538 was approved on 06/30/2020 for non-alcoholic beer process.

RFD 39-0842 approved on 07/16/2015 for the addition of two (2) CO2 Carbon Filter Regenerators to more efficiently purify the CO2 generated during fermentation.

RFD 39-0832 approved on 04/16/2015 for decommission of three (3) existing "open top style" yeast holding tanks and installing six (6) "closed top style" yeast holding tanks.

RFD 39-0821 approved on 12/04/2014 for installing forty (40) new multi-purpose vessels (MPV's) and forty (40) new finished beer (package release aka Government storage) storage tanks at the brewery.

RFD 39-0804 approved on 04/03/2014 for installing six new (6) new keg filling lines.

RFD #39-0781 approved on 10/08/2013 for installing forty (40) new multi-purpose vessels (MPV's).

RFD #39-0737 approved on 08/21/2012 to relocate the storage of citric acid blender product (C1).

RFD 39-0733 approved on 07/09/2012 to replace an existing bottle filler with a used filler that will provide more operational flexibility.

RFD #39-0732 approved on 07/09/2012 for installing a new 9270 MBH evaporative condenser.

RFD 39-0731 approved on 07/03/2012 for installing twelve (12) new multi-purpose vessels (i.e. tanks) at the brewery.

RFD 39-0730 approved on 06/22/2012 for installing a dust control system during carbon injection process.

RFD #39-0725 approved on 05/08/2012 for installing a new 40 KW natural gas fired emergency generator.

RFD 39-0717 approved on 03/13/2012 for installing a aseptic bag-in-box filler to package Twisted Tea malt beverage products.

**SECTION H. Miscellaneous.**

RFD #39-0713 approved on 02/27/2012 for installing two (2) new keg filling lanes to accommodate production in peak demand times.

RFD 39-0705 approved on 10/26/2011 for manufacture of Clear Malt Base (CMB) onsite in lieu of shipping it from Cincinnati.

Misc. Natural Gas Heaters - In accordance with 25 Pa. Code §129.97(c)(3), for VOC and NO_x RACT, beginning on January 1, 2017, the permittee shall install, maintain, and operate the Misc. Natural Gas Usage sources in accordance with the manufacturer's specifications and with good operating practices.

On 7/24/2017, this operating permit was modified to include the presumptive and case by case RACT II requirements found in 25 PA. Code, Section 129.96-100.

On August 01, 2017, this permit was administratively amended to include the newly applicable requirements from Plan Approvals Nos. 39-00006C & 39-00006D.

<http://cedatareporting.test.pa.gov/reports/powerbi/UserReports/AQ/PBI/AQ%20Permit%20Repository>

On January 16, 2020, this permit was modified to include revised case by case RACT II requirement found in 25 PA Code, Section 129.96-100 for Source ID 121.

This permit incorporates Plan Approval 39-00006F.

Plan Approval 39-00006G authorizes the transfer and use of 79 tons of NO_x ERCs from Element Markets, LLC to American Craft Brewery, LLC to meet the offset emissions requirements of 25 Pa. Code Chapter 127.

On July 18, 2022, this permit was administratively amended to include the newly applicable requirements from Plan Approval No. 39-00006H



***** End of Report *****
