



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: March 20, 2019

Effective Date: March 20, 2019

Expiration Date: February 28, 2024

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 unless otherwise designated.

State Only Permit No: 25-01043

Federal Tax Id - Plant Code: 46-4328486-1

Owner Information

Name: BARREL O FUN SNACK FOODS CO EAST LLC  
Mailing Address: 821 ROUTE 97  
WATERFORD, PA 16441

Plant Information

Plant: BARREL O FUN SNACK FOODS/WATERFORD  
Location: 25 Erie County 25938 Waterford Township  
SIC Code: 2096 Manufacturing - Potato Chips, Corn Chips And Similar Snacks

Responsible Official

Name: TONYA LIEDTKE  
Title: PLANT DIRECTOR  
Phone: (814) 796 - 5004

Permit Contact Person

Name: SCOTT WEYANDT  
Title: DIR., SUST & COMPL  
Phone: (330) 834 - 2056

[Signature] \_\_\_\_\_  
ERIC A. GUSTAFSON, NORTHWEST REGION AIR PROGRAM MANAGER



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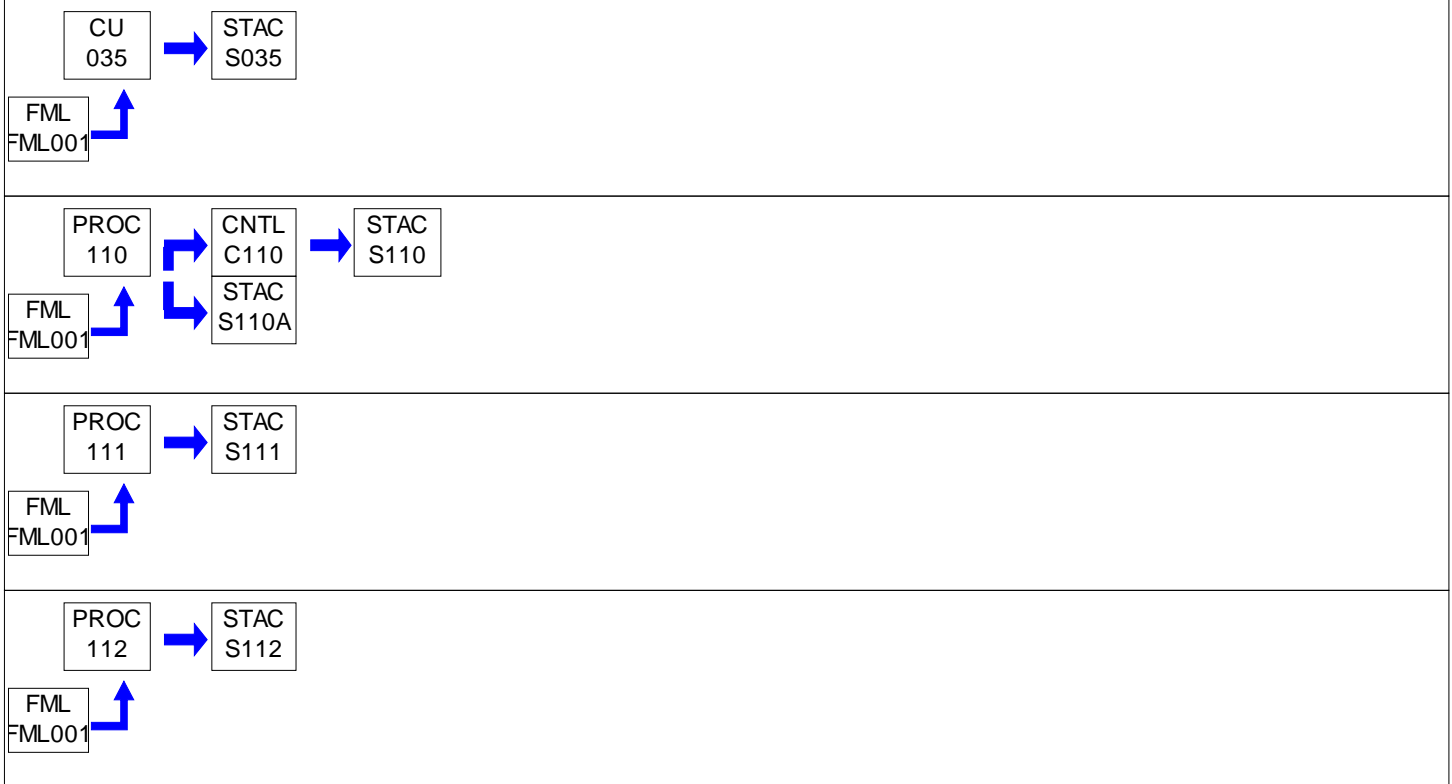
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
035	HOT WATER MAKER	0.990 MMBTU/HR	
		0.990 MCF/HR	Natural Gas
110	SEVEN (7) BATCH KETTLE FRYERS (HK-0,1,2,3,4,5,6)	3,150.000 Lbs/HR	FINISHED PRODUCT
		22.400 MCF/HR	Natural Gas
111	CORN PUFF LINE (LD-1)	2,500.000 Lbs/HR	FINISHED PRODUCT
		1.500 MCF/HR	Natural Gas
112	CORN POPPER (CFP-1)	1,000.000 Lbs/HR	FINISHED PRODUCTS
		0.800 MCF/HR	Natural Gas
C110	SEVEN (7) OIL MIST ELIMINATORS (ME-0,1,2,3,4,5,6)		
FML001	NATURAL GAS		
S035	HOT WATER BOILER STACK		
S110	SEVEN (7) MIST ELIMINATOR STACKS (BKH-0,1,2,3,4,5,6)		
S110A	SEVEN (7) FRYER COMBUSTION STACKS (BKC-0,1,2,3,4,5,6)		
S111	PUFF LINE COMBUSTION STACK (LD-1)		
S112	CORN POPPER STACK (CFP-1)		

**PERMIT MAPS**

**SECTION B. General State Only 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 in 25 Pa. Code § 121.1.

**#002 [25 Pa. Code § 127.446]****Operating Permit Duration.**

- (a) 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.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating 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.

**#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)&(c)]****Permit Renewal.**

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. 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.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (d) 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.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) 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 as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

**#004 [25 Pa. Code § 127.703]****Operating Permit Fees under Subchapter I.**

- (a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

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modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

**#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]****Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and 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 a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

**#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]****Inspection and Entry.**

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

(1) Enter at reasonable times upon the permittee's premises where a 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, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any 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, any 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 or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(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.

**#007 [25 Pa. Code §§ 127.441 & 127.444]****Compliance Requirements.**

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes

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a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one 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 for the source is 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 State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

**#008 [25 Pa. Code § 127.441]****Need to Halt or Reduce Activity Not a Defense.**

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

**#009 [25 Pa. Code §§ 127.442(a) & 127.461]****Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

**#010 [25 Pa. Code § 127.461]****Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

**#011 [25 Pa. Code §§ 127.450 & 127.462]****Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and

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significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall make administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

**#012 [25 Pa. Code § 127.441]****Severability Clause.**

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

**#013 [25 Pa. Code § 127.449]****De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. 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.

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

(c) Except as provided below in (d), the permittee is authorized 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<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> 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, the regulations thereunder 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, the regulations thereunder or 25 Pa. Code Article III.

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

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:



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(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.

(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 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.

(e) 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 (c)(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 this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(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, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making 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.

**#014 [25 Pa. Code § 127.3]****Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

(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)

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(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

**#015 [25 Pa. Code § 127.11]****Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(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).

**#016 [25 Pa. Code § 127.36]****Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

**#017 [25 Pa. Code § 121.9]****Circumvention.**

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 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

**#018 [25 Pa. Code §§ 127.402(d) & 127.442]****Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) 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 in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

**#019 [25 Pa. Code §§ 127.441(c) & 135.5]****Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

**#020 [25 Pa. Code §§ 127.441(c) and 135.5]****Recordkeeping.**

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

- (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.
- (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 any 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.

**#021 [25 Pa. Code § 127.441(a)]****Property Rights.**

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

**#022 [25 Pa. Code § 127.447]****Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

**# 002 [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) Not applicable

(8) Not applicable

(9) Sources and classes of sources other than those identified in paragraphs (1)-(8), 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.

(b) An application form for requesting a determination under either subsection (a)(9) or 129.15(c) is available from the Department. In reviewing these applications, the Department may require the applicant to supply information including, but not limited to, a description of proposed control measures, characteristics of emissions, quantity of emissions, and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant shall be required to demonstrate that the requirements of subsections (a)(9) and (c) and 123.2 (relating to fugitive particulate matter) or of the requirements of 129.15(c) have been satisfied. Upon such demonstration, the Department will issue a determination, in writing, either as an operating permit condition, for those sources subject to permit requirements under the act, or as an order containing appropriate conditions and limitations.

(c) A person responsible for any source specified in subsections (a)(1) -- (7) or (9) 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.

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(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.

(d) Not applicable

**# 003 [25 Pa. Code §123.2]****Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

**# 004 [25 Pa. Code §123.31]****Limitations**

(a) Limitations are as follows:

(1) If control of malodorous air contaminants is required under subsection (b), emissions shall be incinerated at a minimum of 1200F for at least 0.3 seconds prior to their emission into the outdoor atmosphere.

(2) Techniques other than incineration may be used to control malodorous air contaminants if such techniques are equivalent to or better than the required incineration in terms of control of the odor emissions and are approved in writing by the Department.

(b) 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.

(c) Not applicable

**# 005 [25 Pa. Code §123.41]****Limitations**

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.

(2) Equal to or greater than 60% at any time.

**# 006 [25 Pa. Code §123.42]****Exceptions**

The limitations of 123.41 (relating to limitations) 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.

(3) When the emission results from sources specified in 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).

(4) Not applicable

**# 007 [25 Pa. Code §129.14]****Open burning operations**

(a) Air basins. [Not applicable]

(b) Outside of air basins. No person may permit the open burning of material in an area outside of air basins in a manner that:

**SECTION C. Site Level Requirements**

(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.

(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.

(c) Exceptions: The requirements of subsections (a) and (b) 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.

(4) [Not applicable]

(5) [Not applicable]

(6) A fire set solely for recreational or ceremonial purposes.

(7) A fire set solely for cooking food.

(d) 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) [Not applicable]

(3) Subsection (b) 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.

(4) 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.

[This permit does not constitute authorization to burn solid waste pursuant to Section 610(3) of the Solid Waste

**SECTION C. Site Level Requirements**

Management Act, 35 P.S. Section 6018.610(3), or any other provision of the Solid Waste Management Act.]

**II. TESTING REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The Department reserves the right to require exhaust stack testing of any source(s) as necessary to verify emissions for purposes of determining malfunctions or compliance with any applicable requirements.

**III. MONITORING REQUIREMENTS.**

**# 009 [25 Pa. Code §123.43]**

**Measuring techniques**

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.

**# 010 [25 Pa. Code §127.12b]**

**Plan approval terms and conditions.**

[Plan Approval 25-1043A, documented in the Inspection Report (eFACTS Inspection ID: 2687645)]

The permittee shall monitor the facility natural gas consumption on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 011 [25 Pa. Code §127.12b]**

**Plan approval terms and conditions.**

[Plan Approval 25-1043A, documented in the Inspection Report with eFACTS Inspection ID: 2687645]

The permittee shall record the facility natural gas consumption on a monthly basis.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**



**SECTION C. Site Level Requirements**

No compliance milestones exist.



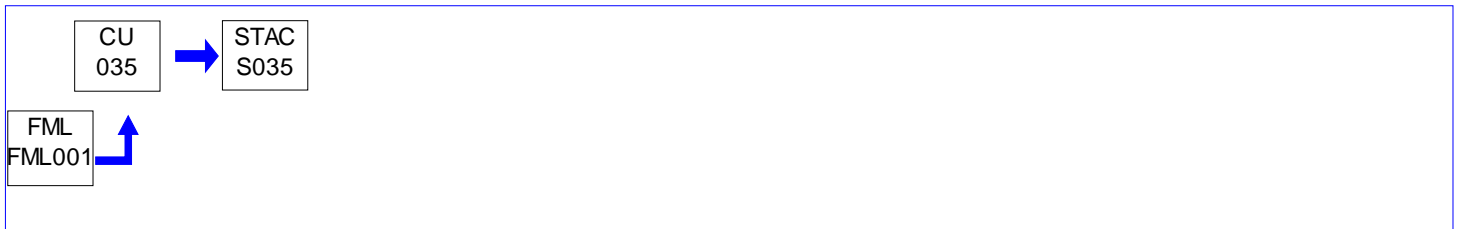
**SECTION D. Source Level Requirements**

Source ID: 035

Source Name: HOT WATER MAKER

Source Capacity/Throughput: 0.990 MMBTU/HR

0.990 MCF/HR Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

(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 SO<sub>2</sub>, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period except as provided for in paragraph (4).

(2) - (4) [Not applicable]

(b) - (e) [Not applicable]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 25-1043A]

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

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

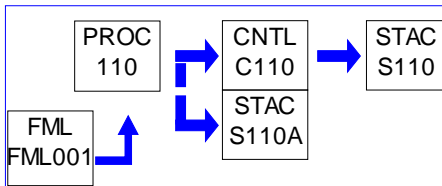
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 110

Source Name: SEVEN (7) BATCH KETTLE FRYERS (HK-0,1,2,3,4,5,6)

Source Capacity/Throughput:	3,150.000 Lbs/HR	FINISHED PRODUCT
	22.400 MCF/HR	Natural Gas

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

(a) Subsections (b) and (c) apply to all processes except combustion units, incinerators and pulp mill smelt dissolving tanks.

(b) [Not applicable]

(c) For processes not listed in subsection (b)(1), including but not limited to, coke oven battery waste heat stacks and autogeneous zinc coker waste heat stacks, the following shall apply:

(1) Prohibited emissions. No person may permit the emission into the outdoor atmosphere of particulate matter from any process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds any of the following:

(i) 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

(ii) - (iii) [Not applicable]

(2) Allowable emissions. Allowable emissions under this subsection are graphically indicated in Appendix C. [For Appendix C, please refer to Chapter 123 of 25 Pa. Code in [www.pacode.com](http://www.pacode.com)]

(d) [Not applicable]

[Compliance with this condition assures compliance with Condition #003(b) of PA 25-1043A.]

**# 002 [25 Pa. Code §123.21]****General**

(a) This section applies to sources except those subject to other provisions of this article, with respect to the control of sulfur compound emissions.

(b) No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 25-1043A, with emission limits revised under the authority of the RFD for the 7th fryer approved on January 28, 2019.]

(a) [Compliance with Conditions #002, #004, & #005 in Section C of this operating permit assures compliance with this condition.]

(b) [Compliance with 25 Pa. Code § 123.13 assures compliance with this condition.]

**SECTION D. Source Level Requirements**

(c) Emissions from all the fryer's control devices (C110) shall not exceed the following:

- (1) PM (both filterable and condensable): 4.69 tpy based on a 12-month rolling total
- (2) PM10: 4.69 tpy based on a 12-month rolling total
- (3) PM2.5: 4.69 tpy based on a 12-month rolling total

(d) Emissions from all the fryer's combustion stacks shall not exceed the following:

- (1) PM (both filterable and condensable): 0.74 tpy based on a 12-month rolling total
- (2) PM10: 0.74 tpy based on a 12-month rolling total
- (3) PM2.5: 0.74 tpy based on a 12-month rolling total
- (4) NOx: 9.57 tpy based on a 12-month rolling total
- (5) SOx: 0.06 tpy based on a 12-month rolling total
- (6) VOC: 0.53 tpy based on a 12-month rolling total
- (7) CO: 8.04 tpy based on a 12-month rolling total

**Fuel Restriction(s).**

**# 004 [25 Pa. Code §127.12b]**

**Plan approval terms and conditions.**

[Plan Approval 25-1043A]

The permittee shall use only natural gas as a fuel for this source.

**II. TESTING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.12b]**

**Plan approval terms and conditions.**

[Plan Approval 25-1043A]

(a) Within 60 days after achieving the normal production rate at which the affected source will be operated, but not later than 180 days after initial start-up of the source/control device unless the Department grants an extension in writing, a stack test shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. The stack test shall be performed while the aforementioned source is operating at the maximum or normal rated capacity as stated on the application. The initial stack test shall be performed on one of the 6 fryers. If the Department's Central Office determines after submittal of the test protocol, that testing of the control device stack is not technically feasible because of exhaust gas characteristics, testing will not be required. The stack test shall be conducted at the outlet of the combustion stack for total particulate matter (both filterable and condensable), NOx, SOx, CO, and VOC and at the outlet of the control device for total particulate matter (both filterable and condensable) and VOC. Compliance with the total particulate matter emission limit will show compliance with the PM10 and PM2.5 emission limits.

(1) [25 Pa. Code § 139.53(a)(3)] At least 90 calendar days prior to commencing an emissions testing program, a test protocol shall be submitted to the Department for review and approval in accordance with paragraph (8) of this condition. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(2) [25 Pa. Code § 139.53(a)(3)] At least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Department in accordance with paragraph (8)(b) of this condition.

**SECTION D. Source Level Requirements**

Notification shall not be made without prior receipt of a protocol acceptance letter from the Department (Source Testing Section).

(3) [25 Pa. Code § 139.53(a)(3)] Within 15 calendar days after completion of the on-site testing portion of an emission test program, if a complete test report has not yet been submitted, an electronic mail notification indicating the completion date of the on-site testing shall be sent to the Department in accordance with paragraph (8)(b) of this condition.

(4) [40 CFR Part 60.8(a), 40 CFR Part 61.13(f) and 40 CFR Part 63.7(g)] A complete test report shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an emission test program. For those tests being conducted pursuant to 40 CFR Part 61, a complete test report shall be submitted within 31 days after completion of the test.

(5) [25 Pa. Code Section 139.53(b)] A complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

(a) A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.

(b) Permit number(s) and condition(s) which are the basis for the evaluation.

(c) Summary of results with respect to each applicable permit condition.

(d) Statement of compliance or non-compliance with each applicable permit condition.

(6) [25 Pa. Code § 139.3] All submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(7) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(8) Pursuant to 25 Pa. Code §§ 139.52(a)(1) and 139.53(a)(3):

(a) All submittals, besides notifications, shall be accomplished through PSIMS\*Online, available through <https://www.depgreenport.state.pa.us/ecommm/Login.jsp>, when it becomes available.

(b) If internet submittal cannot be accomplished, one paper copy plus one electronic copy of all source test submissions (notifications, protocols, reports, supplemental information, etc.) shall be sent to both PSIMS Administration in Central Office and to Regional Office AQ Program Manager.

Paper copies shall be sent using the following mailing addresses:

**CENTRAL OFFICE:**

Pennsylvania Department of Environmental Protection  
Attn: PSIMS Administrator  
P.O. Box 8468  
Harrisburg, PA 17105-8468

**NORTHWEST REGIONAL OFFICE:**

Pennsylvania Department of Environmental Protection  
Attn: Air Quality Program Manager  
230 Chestnut St.  
Meadville, PA 16335

Electronic copies shall be sent at the following e-mail addresses:

**SECTION D. Source Level Requirements**

## CENTRAL OFFICE:

RA-EPstacktesting@pa.gov

## NORTHWEST REGIONAL OFFICE:

RA-EPNWstacktesting@pa.gov

(9) The permittee shall ensure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

## (10) Actions Related to Noncompliance Demonstrated by a Stack Test:

(a) If the results of a stack test, performed as required by this approval, exceed the level specified in any condition of this approval, 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 plan approval, 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 plan approval, 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 plan approval may be grounds for immediate revocation of the plan approval to operate the affected source.

(b) [This condition is replaced by Condition #006, which is added under the authority of 25 Pa. Code § 127.441, for this source.]

[Paragraphs (a)(8), (a)(1), (a)(2) & (a)(3) are revised to reflect Source Testing Section's latest instructions, dated August 17, 2018, on source test submittals.]

**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Subsequent testing shall test one of the remaining fryers not yet tested. After all seven (7) fryers have been tested, the testing rotation shall start anew. Once every five (5) years and not more than 60 months after the previous stack test, the permittee shall perform the stack test at the outlet of the combustion stack for total particulate matter (both filterable and condensable), NO<sub>x</sub>, SO<sub>x</sub>, CO, and VOC emission and at the outlet of the control device for total particulate matter (both filterable and condensable) and VOC. Compliance with the total particulate matter emission limit will show compliance with the PM<sub>10</sub> and PM<sub>2.5</sub> emission limits.

## [Remarks:

(a) The first stack test was conducted on September 1 & 2, 2015. The next stack test must be conducted no later than September 1, 2020.

(b) On May 26, 2015, the Department waived the SO<sub>x</sub> and total particulate matter testing requirement for the combustion unit portion of the fryer.]

[This condition replaces Condition #005(b) of PA 25-1043A.]

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.****# 007 [25 Pa. Code §127.12b]  
Plan approval terms and conditions.**

[Plan Approval 25-1043A]

The permittee shall monitor the following on a monthly basis:

- (1) Pounds per hour of finished product for each fryer

**IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §127.12b]  
Plan approval terms and conditions.**

[Plan Approval 25-1043A, with revision based on the Inspection Report (eFACTS Inspection ID: 2687645)]

- (a) All recordkeeping shall commence upon startup of the source/control device. All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.
- (b) The permittee shall maintain a record of all preventive maintenance inspections of the control device. The records of the maintenance inspections shall include, at a minimum, the dates of the inspections, the name of the person performing the inspection, any problems or defects identified, any actions taken to correct the problems or defects, and any routine maintenance performed.
- (c) The permittee shall record that the biweekly cleaning of the control system has been completed and that a monthly visual inspection of the mesh pads has been completed.
- (d) The permittee shall maintain records of the following on a monthly basis:
  - (1) Pounds per hour of finished product for each fryer.

**# 009 [25 Pa. Code §127.441]  
Operating permit terms and conditions.**To demonstrate compliance with the emission limits established through PA 25-1043A for PM, NO<sub>x</sub>, SO<sub>x</sub>, VOC, and CO (Condition #003 for this source in this permit), the permittee must record the following for each pollutant:

- (a) Monthly emissions from frying and combustion computed using the following parameters. The AP-42 emission factors and control efficiencies are included in Section G. Miscellaneous of this permit.
  - (1) Frying (PM & VOC) – computed using the total amount of finished products/chips fired for the month (ton), AP-emission factors for batch deep fat fryer (lb/ton), and assumed PM control efficiency (%).
  - (2) Combustion (PM, NO<sub>x</sub>, SO<sub>x</sub>, VOC, CO) – computed using the total natural gas consumption for the month (mmcf), and AP-42 emission factors for natural gas combustion (lb/mmcf).
- (b) To get the 12-month rolling total, add the present monthly emission to the monthly emission total from the previous eleven (11) months.
  - (1) In accordance with Condition #005(a) of PA 25-1043A and of this permit, compliance with PM emission limit will show compliance with the PM<sub>10</sub> and PM<sub>2.5</sub> emission limits.

**V. REPORTING REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 010 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 25-1043A, with revision based on the Inspection Report (eFACTS Inspection ID: 2687645)]

(a) The permittee shall perform:

(1) A biweekly cleaning of the control system using:

(i) A 3-step cleaning process, which consists of caustic solution rinse, followed by an acid solution rinse, and completed by a hot water rinse (water at 180°F to 190°F), or

(ii) Another cleaning process approved by the Department.

(2) A month visual inspection of the mesh pads for wear.

(b) The permittee shall operate the control device at all times that the source is in operation. This consists of the water spray nozzles are operating and the stack exhaust fan is on.

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

**VII. ADDITIONAL REQUIREMENTS.**

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



**SECTION D. Source Level Requirements**

Source ID: 111

Source Name: CORN PUFF LINE (LD-1)

Source Capacity/Throughput: 2,500.000 Lbs/HR  
1.500 MCF/HRFINISHED PRODUCT  
Natural Gas**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

(a) Subsections (b) and (c) apply to all processes except combustion units, incinerators and pulp mill smelt dissolving tanks.

(b) [Not applicable]

(c) For processes not listed in subsection (b)(1), including but not limited to, coke oven battery waste heat stacks and autogeneous zinc coker waste heat stacks, the following shall apply:

(1) Prohibited emissions. No person may permit the emission into the outdoor atmosphere of particulate matter from any process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds any of the following:

(i) 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

(ii) - (iii) [Not applicable]

(2) Allowable emissions. Allowable emissions under this subsection are graphically indicated in Appendix C. [For Appendix C, please refer to Chapter 123 of 25 Pa. Code in [www.pacode.com](http://www.pacode.com)]

(d) [Not applicable]

**# 002 [25 Pa. Code §123.21]****General**

(a) This section applies to sources except those subject to other provisions of this article, with respect to the control of sulfur compound emissions.

(b) No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 25-1043A]

The permittee shall use only natural gas as a fuel for this source.

**SECTION D. Source Level Requirements****II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

**# 004 [25 Pa. Code §127.12b]**  
**Plan approval terms and conditions.**

[Plan Approval 25-1043A]

The permittee shall monitor the following on a monthly basis:

- (1) Pounds per hour of finished product for the line.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.12b]**  
**Plan approval terms and conditions.**

[Plan Approval 25-1043A]

(a) All recordkeeping shall commence upon startup of the source/control device. All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

(b) The permittee shall maintain records of the following on a monthly basis:

- (1) Pounds per hour of finished product for the line

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 006 [25 Pa. Code §127.12b]**  
**Plan approval terms and conditions.**

[Plan Approval 25-1043A]

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

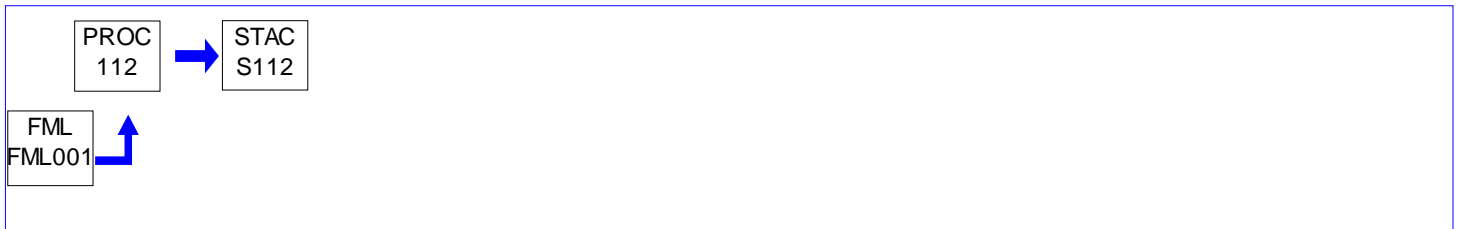
**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

Source ID: 112

Source Name: CORN POPPER (CFP-1)

Source Capacity/Throughput: 1,000.000 Lbs/HR  
0.800 MCF/HRFINISHED PRODUCTS  
Natural Gas**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

(a) Subsections (b) and (c) apply to all processes except combustion units, incinerators and pulp mill smelt dissolving tanks.

(b) [Not applicable]

(c) For processes not listed in subsection (b)(1), including but not limited to, coke oven battery waste heat stacks and autogeneous zinc coker waste heat stacks, the following shall apply:

(1) Prohibited emissions. No person may permit the emission into the outdoor atmosphere of particulate matter from any process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds any of the following:

(i) 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

(ii) - (iii) [Not applicable]

(2) Allowable emissions. Allowable emissions under this subsection are graphically indicated in Appendix C. [For Appendix C, please refer to Chapter 123 of 25 Pa. Code in [www.pacode.com](http://www.pacode.com)]

(d) [Not applicable]

**# 002 [25 Pa. Code §123.21]****General**

(a) This section applies to sources except those subject to other provisions of this article, with respect to the control of sulfur compound emissions.

(b) No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Plan Approval 25-1043A]

The permittee shall use only natural gas as a fuel for this source.

**SECTION D. Source Level Requirements****II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

**# 004 [25 Pa. Code §127.12b]**  
**Plan approval terms and conditions.**

[Plan Approval 25-1043A]

The permittee shall monitor the following on a monthly basis:

- (1) Pounds per hour of finished product for the line

**IV. RECORDKEEPING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.12b]**  
**Plan approval terms and conditions.**

[Plan Approval 25-1043A]

(a) All recordkeeping shall commence upon startup of the source/control device. All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

(b) The permittee shall maintain records of the following on a monthly basis:

- (1) Pounds per hour of finished product for the line

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 006 [25 Pa. Code §127.12b]**  
**Plan approval terms and conditions.**

[Plan Approval 25-1043A]

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

**VII. ADDITIONAL REQUIREMENTS.**

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



**SECTION E. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description		
035	HOT WATER MAKER		
<b>Emission Limit</b>			
4.000	Lbs/MMBTU	over any 1-hour period	SOX
110	SEVEN (7) BATCH KETTLE FRYERS (HK-0,1,2,3,4,5,6)		
<b>Emission Limit</b>			
8.040	Tons/Yr	from all combustion stacks based on a 12-month rolling total	CO
9.570	Tons/Yr	from all combustion stacks based on a 12-month rolling total	NOX
0.740	Tons/Yr	filterable & condensable from all combustion stacks based on a 12-month rolling total	PM10
4.690	Tons/Yr	filterable & condensable from all control devices based on a 12-month rolling total	PM10
0.740	Tons/Yr	filterable & condensable from all combustion stacks based on a 12-month rolling total	PM2.5
4.690	Tons/Yr	filterable & condensable from all control devices based on a 12-month rolling total	PM2.5
0.060	Tons/Yr	from all combustion stacks based on a 12-month rolling total	SOX
500.000	PPMV	by volume dry basis	SOX
0.040	gr/DRY FT3	filterable & condensable from all control devices	TSP
0.040	gr/DRY FT3		TSP
0.740	Tons/Yr	filterable & condensable from all combustion stacks based on a 12-month rolling total	TSP
4.690	Tons/Yr	filterable & condensable from all control devices based on a 12-month rolling total	TSP
0.530	Tons/Yr	from all combustion stacks based on a 12-month rolling total	VOC
111	CORN PUFF LINE (LD-1)		
<b>Emission Limit</b>			
500.000	PPMV	by volume dry basis	SOX
0.040	gr/DRY FT3		TSP
112	CORN POPPER (CFP-1)		
<b>Emission Limit</b>			
500.000	PPMV	by volume dry basis	SOX
0.040	gr/DRY FT3		TSP

**Site Emission Restriction Summary**

Emission Limit	Pollutant
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**SECTION F. Emission Restriction Summary.**

**SECTION G. Miscellaneous.**

- (a) The Capacity/Hour numbers listed on Page 4 and provided in Section D of this permit for individual sources are for informational purposes only and are not to be considered enforceable limits. Enforceable emission limits are listed in the Restriction section for each source. They are also summarized for informational purposes only in Section F.
- (b) Source ID: Department assigned ID number for the source
- (b.1) Source Name: Department assigned name for the source
- (b.2) Capacity: The maximum capacity for the source (not a limit)
- (b.3) Fuel/Material: The fuel/material assigned to SCC for the source
- (b.4) Schematics:
- FML: Fuel material location
  - Comb: Combustion source
  - Proc: Process
  - CD: Control device
  - EP: Emission point
- (b.5) Pollutant:
- CO: Carbon Monoxide
  - NOx: Nitrogen Oxides
  - PM10: Particulate Matter less than 10 microns
  - PM2.5: Particulate Matter less than 2.5 microns
  - SOx: Sulfur Oxides
  - TSP: Total Suspended Particulate (FPM unless stated otherwise)
  - VOC: Volatile Organic Compounds
- (c) Source information
- For purposes of this operating permit:
- (c.1) Source 035 (Hot Water Boiler) consists of: Lochinvar model BLR-1 boiler using a 0.99 mmbtu/hr natural gas burner.
- (c.2) Source 110 (7 Batch Kettle Fryers) consists of the following:
- (1) Seven (7) Heat and Control model BF-360 fryers rated at 450 #/hr chip production using a 3.2 mmbtu/hr natural gas burner.
  - (2) Each Fryer has two exhausts: one for combustion (i.e., combustion stack) and one for the process (i.e., process exhaust stack). The process exhaust for each fryer contains a high efficiency oil mist eliminator.
- (c.3) Source 111 (Corn Puff Line) consists of: Lanly Single-Pass Snack Food Dryer rated at 2,500 #/hr corn puff production using a 1.5 mmbtu/hr natural gas burner.
- (c.4) Source 112 (Corn Popper) consists of: Cretors Flo-Thru 1,000 pound Popper using a 0.8 mmbtu/hr natural gas burner.
- (c.5) The electric-powered equipment used in the production are trivial activities pursuant to item #5 of the trivial activity list (DEP Doc. No. 275-2101-003).
- (d) Emission Calculation: AP-42 Emission Factors and Control Efficiency
- (d.1) Frying
- |                |  |
|----------------|--|
| PM/PM10/PM2.5: | 3.4 lb/ton (uncontrolled), 80% PM control efficiency |
| VOC:           | 0.02 lb/ton  |
- (d.2) Combustion
- |                |               |
|----------------|---------------|
| PM/PM10/PM2.5: | 7.6 lb/mmcf   |
| NOx:           | 100.0 lb/mmcf |
| SO2/SOx:       | 0.6 lb/mmcf   |
| CO:            | 84.0 lb/mmcf  |
| VOC:           | 5.5 lb/mmcf   |





\*\*\*\*\* End of Report \*\*\*\*\*

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