



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date:

Effective Date:

Expiration Date:

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 construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval 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 plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 32-00457A

Federal Tax Id - Plant Code: 80-0833693-2

Owner Information

Name: HOMER CITY GENERATION LP
Mailing Address: 1750 POWER PLANT RD
HOMER CITY, PA 15748-8009

Plant Information

Plant: HOMER CITY GENERATION LP
Location: 32 Indiana County 32912 Center Township
SIC Code: 4911 Trans. & Utilities - Electric Services

Responsible Official

Name: MICHAEL LEVESQUE
Title: COO
Phone: (870) 559 - 6000 Email: mlevesque@homercityredevelopment.com

Plan Approval Contact Person

Name: MARK WROTEN
Title: DEPUTY COO
Phone: (870) 559 - 6000 Email: mwroten@homercityredevelopment.com

[Signature] _____
LORI L. MCNABB, NORTHWEST REGION AIR PROGRAM MANAGER



Plan Approval Description

This Plan Approval authorizes the construction and initial operation of seven (7) combined-cycle combustion turbines (CCs) and up to ten (10) simple cycle aeroderivative gas turbines (ADGTs) at the former Homer City Generating Station, located in Indiana County.



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

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**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	67 MMBTU/HR AUXILIARY BOILER	67.000 MMBTU/HR	
		65,700.000 CF/HR	Natural Gas
032	67 MMBTU/HR AUXILIARY BOILER	67.000 MMBTU/HR	
		65,700.000 CF/HR	Natural Gas
033	67 MMBTU/HR AUXILIARY BOILER	67.000 MMBTU/HR	
		65,700.000 CF/HR	Natural Gas
101	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE	3,515.000 MMBTU/HR	
		3.446 MMCF/HR	Natural Gas
101A	DUCT BURNER	1,034.400 MMBTU/HR	
		0.973 MMCF/HR	Natural Gas
102	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE	3,515.000 MMBTU/HR	
		3.446 MMCF/HR	Natural Gas
102A	DUCT BURNER	1,034.400 MMBTU/HR	
		0.973 MMCF/HR	Natural Gas
103	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE	3,515.000 MMBTU/HR	
		3.446 MMCF/HR	Natural Gas
103A	DUCT BURNER	1,034.400 MMBTU/HR	
		0.973 MMCF/HR	Natural Gas
104	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE	3,515.000 MMBTU/HR	
		3.446 MMCF/HR	Natural Gas
104A	DUCT BURNER	1,034.400 MMBTU/HR	
		0.973 MMCF/HR	Natural Gas
105	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE	3,515.000 MMBTU/HR	
		3.446 MMCF/HR	Natural Gas
105A	DUCT BURNER	1,034.400 MMBTU/HR	
		0.973 MMCF/HR	Natural Gas
106	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE	3,515.000 MMBTU/HR	
		3.446 MMCF/HR	Natural Gas
106A	DUCT BURNER	1,034.400 MMBTU/HR	
		0.973 MMCF/HR	Natural Gas
107	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE	3,515.000 MMBTU/HR	
		3.446 MMCF/HR	Natural Gas
107A	DUCT BURNER	1,034.400 MMBTU/HR	
		0.973 MMCF/HR	Natural Gas
108	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
109	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
110	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
111	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
112	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas

**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
113	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
114	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
115	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
116	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
117	MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE	301.000 MMBTU/HR	
		0.295 MMCF/HR	Natural Gas
118	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
119	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
120	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
121	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
122	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
123	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
124	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
125	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
126	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
127	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
128	1,483 BHP 1.0 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
129	1,483 BHP 1.0 MW EMERGENCY GENERATOR ENGINE	N/A	Diesel Fuel
130	399 BHP FIRE WATER PUMP ENGINE	N/A	Diesel Fuel
201	10.8 MMBTU/HR FUEL GAS HEATER	10.800 MMBTU/HR	
		N/A	Natural Gas
202	10.8 MMBTU/HR FUEL GAS HEATER	10.800 MMBTU/HR	
		N/A	Natural Gas
203	10.8 MMBTU/HR FUEL GAS HEATER	10.800 MMBTU/HR	
		N/A	Natural Gas
204	10.8 MMBTU/HR FUEL GAS HEATER	10.800 MMBTU/HR	
		N/A	Natural Gas
205	10.8 MMBTU/HR FUEL GAS HEATER	10.800 MMBTU/HR	
		N/A	Natural Gas
206	10.8 MMBTU/HR FUEL GAS HEATER	10.800 MMBTU/HR	
		N/A	Natural Gas
207	10.8 MMBTU/HR FUEL GAS HEATER	10.800 MMBTU/HR	
		N/A	Natural Gas

**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
301	COOLING TOWER	N/A	
302	COOLING TOWER	N/A	
303	COOLING TOWER	N/A	
304	COOLING TOWER	N/A	
305	COOLING TOWER	N/A	
306	COOLING TOWER	N/A	
307	COOLING TOWER	N/A	
401	CIRCUIT BREAKERS/ SWITCH GEAR		
701	FUGITIVES	N/A	Natural Gas
C101A	SCR		
C101B	OXIDATION CATALYST		
C102A	SCR		
C102B	OXIDATION CATALYST		
C103A	SCR		
C103B	OXIDATION CATALYST		
C104A	SCR		
C104B	OXIDATION CATALYST		
C105A	SCR		
C105B	OXIDATION CATALYST		
C106A	SCR		
C106B	OXIDATION CATALYST		
C107A	SCR		
C107B	OXIDATION CATALYST		
C108A	SCR		
C108B	OXIDATION CATALYST		
C109A	SCR		
C109B	OXIDATION CATALYST		
C110A	SCR		
C110B	OXIDATION CATALYST		
C111A	SCR		
C111B	OXIDATION CATALYST		
C112A	SCR		
C112B	OXIDATION CATALYST		
C113A	SCR		
C113B	OXIDATION CATALYST		
C114A	SCR		
C114B	OXIDATION CATALYST		
C115A	SCR		
C115B	OXIDATION CATALYST		
C116A	SCR		
C116B	OXIDATION CATALYST		
C117A	SCR		
C117B	OXIDATION CATALYST		
FML01	NATURAL GAS		

**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
FML02	ULTRA LOW SULFUR DIESEL		
S031	STACK		
S032	STACK		
S033	STACK		
S101	STACK		
S102	STACK		
S103	STACK		
S104	STACK		
S105	STACK		
S106	STACK		
S107	STACK		
S108	STACK		
S109	STACK		
S110	STACK		
S111	STACK		
S112	STACK		
S113	STACK		
S114	STACK		
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S123	STACK		
S124	STACK		
S125	STACK		
S126	STACK		
S127	STACK		
S128	STACK		
S129	STACK		
S130	STACK		
S201	STACK		
S202	STACK		
S203	STACK		
S204	STACK		
S205	STACK		
S206	STACK		
S207	STACK		
S301	STACK		

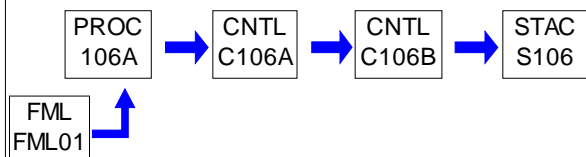
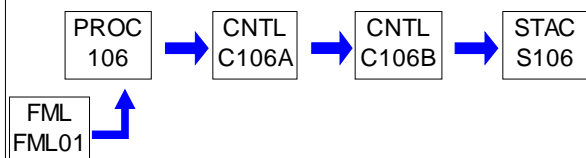
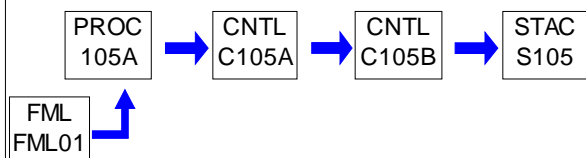
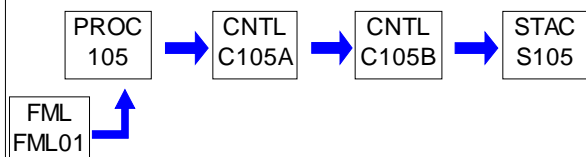
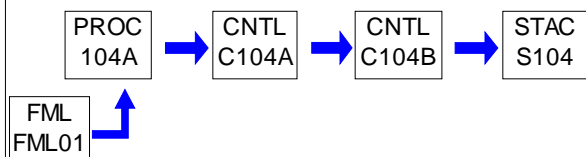
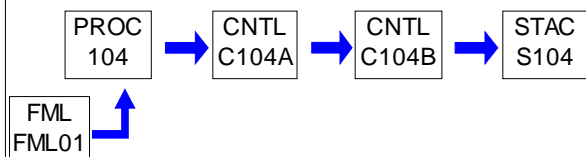
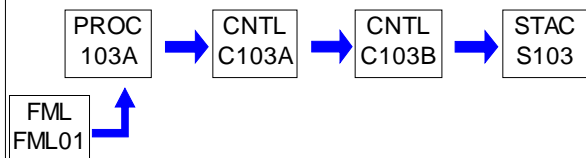
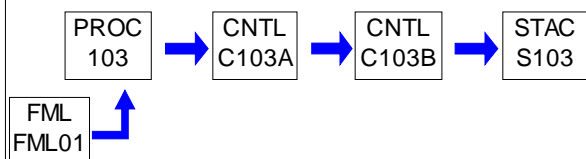
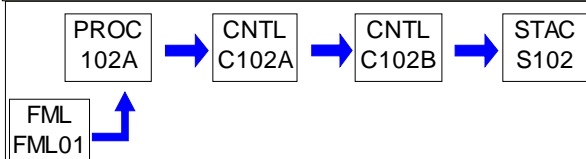
**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S302	STACK		
S303	STACK		
S304	STACK		
S305	STACK		
S306	STACK		
S307	STACK		
Z401	STACK		
Z701	FUGITIVES		

PERMIT MAPS

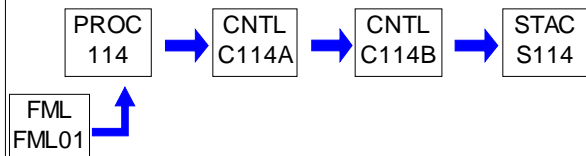
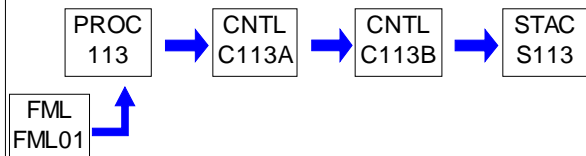
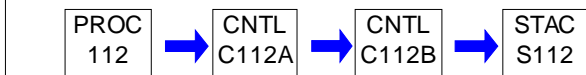
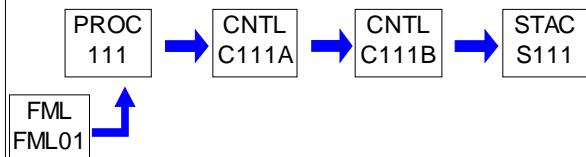
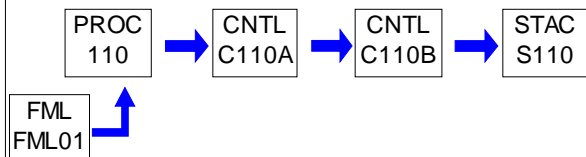
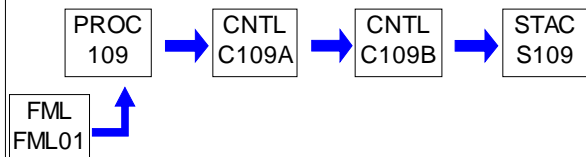
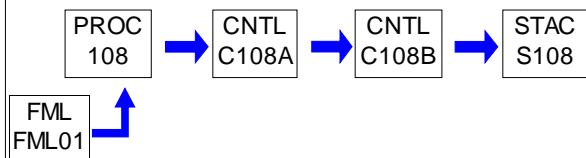
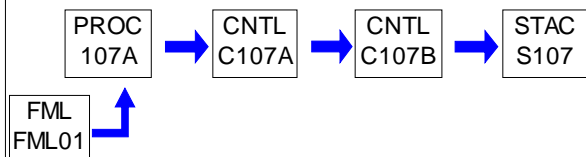
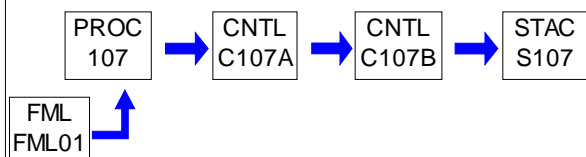


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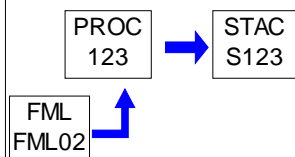
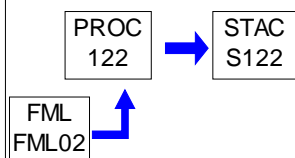
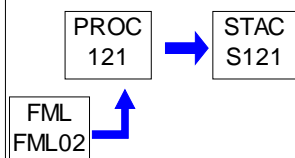
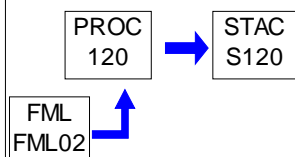
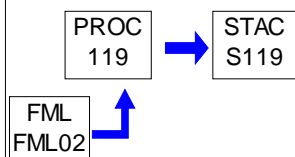
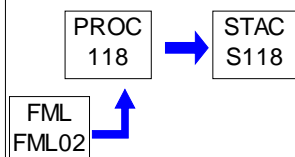
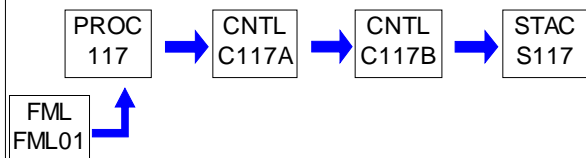
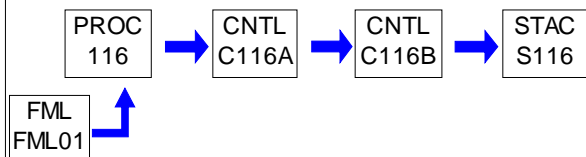
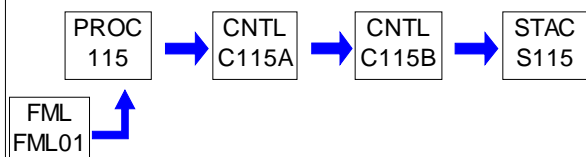


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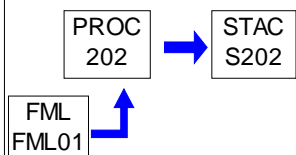
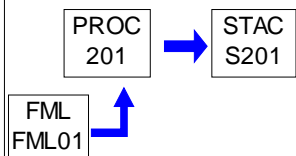
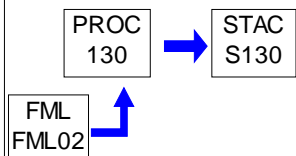
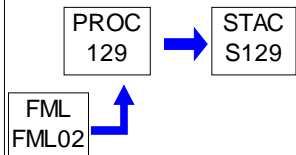
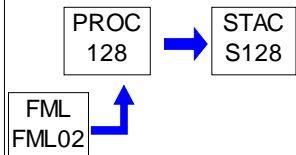
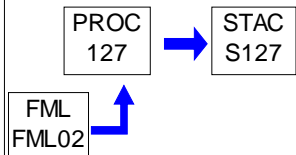
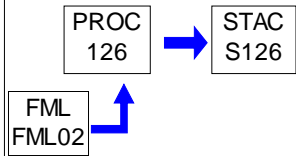
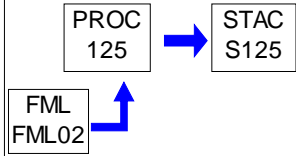
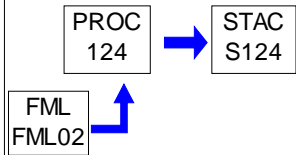


PERMIT MAPS



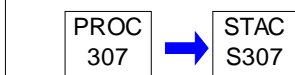
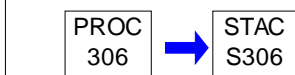
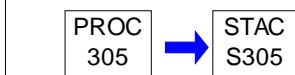
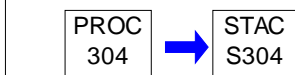
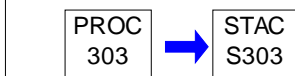
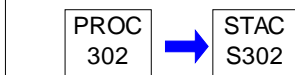
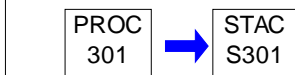
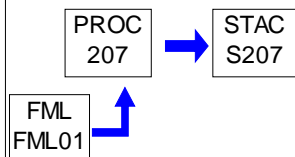
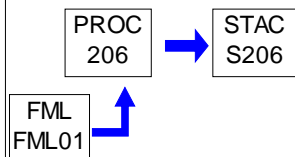
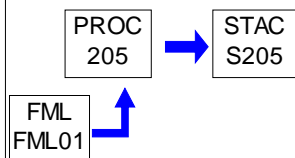
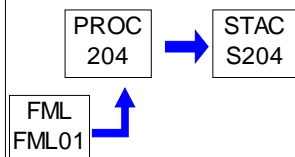
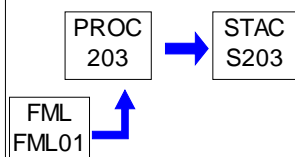


PERMIT MAPS





PERMIT MAPS



**PERMIT MAPS**

PROC
401 → STAC
Z401

PROC
701 → STAC
Z701

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

Words and terms that are not otherwise defined in this plan approval 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 § 127.12b (a) (b)]**Future Adoption of Requirements**

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]**Plan Approval Temporary Operation**

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 30 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]**Content of Applications**

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]**Public Records and Confidential Information**

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

**SECTION B. General Plan Approval Requirements**

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

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

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]**Transfer of Plan Approvals**

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(a)(4) & 35 P.S. § 4008 & § 114 of the CAA]**Inspection and Entry**

(a) 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.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

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

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

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

(a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.

(b) 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.

(c) The permittee fails to submit a report required by this plan approval.

(d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The permittee, 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 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 plan approval, 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.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager

PA Department of Environmental Protection

(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(a)(9) & 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 facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

**SECTION B. General Plan Approval Requirements**

- (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 the Environmental Protection Agency 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 plan approval 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.

#013 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

**SECTION C. Site Level Plan Approval 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) - (8) NA

(9) Sources and classes of sources other than those identified in paragraphs (1)-(6), 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) -- (6) 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.

(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.

**SECTION C. Site Level Plan Approval Requirements**

(d) NA

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) NA

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) NA

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The facility wide emissions shall not exceed any of the following emissions limits at any time, including periods of startup or shutdown, based on a 12-month rolling total:

**SECTION C. Site Level Plan Approval Requirements**

- (a) 843.19 tons per year of Particulate Matter (PM)
- (b) 842.23 tons per year of Particulate Matter 10 microns in diameter or less (PM10)
- (c) 840.02 tons per year of Particulate Matter 2.5 microns in diameter or less (PM2.5)
- (d) 1,142.8 tons per year of Nitrogen Oxides (NOx)
- (e) 1,104.8 tons per year of Carbon Monoxide (CO)
- (f) 332.16 tons per year of Volatile Organic Compounds (VOC)
- (g) 211.76 tons per year of Sulfur Oxides (SOx)
- (h) 165.73 tons per year of Sulfuric Acid Mist (H₂SO₄)
- (i) 17,551,454 tons per year of Greenhouse Gases, expressed as Carbon Dioxide Equivalent (CO₂e)
 - (1) CO₂e is defined as the equivalent number of tons of CO₂ emissions with the same global warming potential as one ton of another greenhouse gas. CO₂e includes CO₂ emissions, CH₄ emissions as CO₂e, SF₆ emissions as CO₂e and N₂O emissions as CO₂e. Conversions are as follows: CO₂ = 1, CH₄ = 28, N₂O = 265, and SF₆ = 23,500.
- (j) 57.1 tons per year of Total HAPs
- (k) 2.94 tons per year of Acetaldehyde
- (l) 2.35 tons per year of Ethylbenzene
- (m) 32.2 tons per year of Formaldehyde
- (n) 2.13 tons per year of Propylene Oxide
- (o) 9.58 tons per year of Toluene
- (p) 4.72 tons per year of Xylene

II. TESTING REQUIREMENTS.**# 008 [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.

009 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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

010 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

[The Source Testing Manual is PA DEP document number 274-0300-002. A copy can be obtained at this web address: <http://www.depgreenport.state.pa.us/elibrary/GetFolder?FolderID=4563>]

(a) At least 120 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 (i) of this condition. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) When testing of a source is required on a recurring basis, a single procedural protocol may be submitted for approval; thereafter, a letter, submitted at least 120 calendar days prior to commencing an emissions testing program, referencing the previously approved procedural protocol is sufficient if the letter is approved by the Department. The letter shall be submitted as required in paragraph (a).

If modifications are made to the process(es) or if a different stack testing company is used or if an applicable section of the stack test manual has been revised since the previous approval, a new protocol is required to be submitted for approval.

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

**SECTION C. Site Level Plan Approval Requirements**

(1) Submittals pertaining to emissions testing, specifically test protocols and test reports, shall be made by emailing electronic copies of submissions to both PSIMS Administration in Central Office and to the Regional Office AQ Program at the following e-mail addresses:

CENTRAL OFFICE:

RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:

RA-EPNWstacktesting@pa.gov

(2) The notifications of emissions testing dates shall be submitted directly to:

(i) The DEP's OnBase electronic upload website where it will be forwarded to the Northwest Regional Office Air Quality Inspector. Upload the written notification at this web address: <https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

(ii) If the Protocol Reviewer at Central Office Division of Source Testing requested a copy of the notification, then submit a copy to the email address provided by the protocol reviewer.

(d) 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 (c) of this condition. Notification shall not be made and testing shall not proceed without prior receipt of a Protocol Acceptance letter from the Department.

(e) If the proposed testing did not occur per the required notification in paragraph (d) above, an electronic notification shall be sent within 15 calendar days after the expected completion date of the onsite testing to the Department, in accordance with paragraph (c) of this condition, indicating why the proposed completion date of the on-site testing was not adhered to.

(f) A complete test report shall be submitted to the Department no later than 60 calendar days after completion of the onsite testing portion of an emission test program.

(g) 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 non-compliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

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

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

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

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

(h) Pursuant to 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.

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

(j) 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.

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

(1) If the results of a stack test, performed as required by this permit, 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

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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. The notification shall be submitted directly to: the DEP's OnBase electronic upload website where it will be forwarded to the Northwest Regional Office Air Quality Inspector. Upload the written notification at this web address:
<https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

(2) 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.

011 [25 Pa. Code §139.1]**Sampling facilities.**

Upon the request of the Department, the facility shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

012 [25 Pa. Code §139.11]**General requirements.**

(1) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the respective source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(2) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, at a minimum all of the following:

- (a) A thorough source description, including a description of any air cleaning devices and the flue.
- (b) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature, and other conditions which may affect emissions from the process.
- (c) The location of the sampling ports.
- (d) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂ and N₂), static and barometric pressures.
- (e) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (f) Laboratory procedures and results.
- (g) Calculated results.

III. MONITORING REQUIREMENTS.**# 013 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall conduct a daily inspection of the facility during daylight hours while the facility is operating to detect the presence of visible air contaminant emissions, visible fugitive air contaminant emissions and malodorous air contaminant emissions in excess of applicable emission limits.

(b) All visible air contaminant emissions, visible fugitive air contaminant emissions and malodorous air contaminant emissions observed to be in excess of an emission limit shall be reported to the manager of the facility at once.

IV. RECORDKEEPING REQUIREMENTS.**# 014 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The facility shall maintain records of the following:

**SECTION C. Site Level Plan Approval Requirements**

(a) Site wide emissions calculations records on a 12-month rolling basis. The records shall include emissions of PM, PM10, PM2.5, NOx, CO, VOC, SOx, H2SO4, CO2e, total HAPs, Acetaldehyde, Ethylbenzene, Formaldehyde, Toluene, Xylene and Propylene Oxide.

(b) The results of the facility wide inspections, including the date, time, name and title of the observer, along with any corrective action taken as a result.

(c) Copies of the current, valid purchase contract, tariff sheet, or transportation contract obtained from the natural gas supplier with the sulfur content of the natural gas.

(d) Results of the monthly natural gas sulfur content analyses determined using an EPA approved test method.

All information used to satisfy this recordkeeping requirement shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

015 [25 Pa. Code §135.5]**Recordkeeping**

(a) The facility shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with § 135.3 and 135.21 (relating to reporting; and emission statements). These 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.

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

V. REPORTING REQUIREMENTS.**# 016 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Malfunctions, Emergencies or incidents of excess emissions

(i) The facility shall report malfunctions, emergencies, or incidents of excess emissions to the Department at 800-541-2050. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner and which causes an unavoidable increase in emissions attributable to the situation. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes an unavoidable increase in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

(ii) When the malfunction, emergency, or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency, or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies, or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(iii) The report shall describe the following:

- (A) The name, permit number, and location of the facility;
- (B) The nature and cause of the malfunction, emergency or incident;
- (C) The date and time when the malfunction, emergency or incident was first observed;
- (D) The expected duration of excess emissions;
- (E) The estimated rate of emissions; and
- (F) Corrective actions or preventative measures taken.

(iv) Any malfunction, emergency, or incident of excess emissions that is not subject to the notice requirements of paragraph

**SECTION C. Site Level Plan Approval Requirements**

(c)(ii) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c)(iii).

(v) During an emergency an owner or operator may continue to operate sources at their discretion provided they submit justification for continued operation of the sources during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (c)(ii)-(iv), as applicable.

(vi) Reports regarding malfunctions, emergencies, or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(vii) Any emissions due to a malfunction, emergency, or incident are to be reported in the annual emissions inventory report.

017 [25 Pa. Code §135.3]**Reporting**

In accordance with 25 Pa. Code § 135.3, the owner or operator of a facility shall submit to the Department via AESOnline or AESXML at <https://greenport.pa.gov> by March 1st of each year, a facility inventory report for the preceding calendar year for all sources regulated under this permit. The inventory report shall include all emissions information for all sources operated during the preceding calendar year following the applicable procedures specified in the AES Online Instructions available at Instructions for Emission Inventory Reports.

018 [25 Pa. Code §135.4]**Report format**

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

VI. WORK PRACTICE REQUIREMENTS.**# 019 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall implement a methane (CH₄) leak detection and repair program which includes audible, visual, and olfactory ("AVO") inspections conducted on a monthly basis on the natural gas piping components. Records of each inspection shall be maintained in a log and, at a minimum, identify the date, time, name and title of the observer, along with any corrective action taken. Leaks shall be repaired as expeditiously as practicable, with a target repair date of fifteen (15) calendar days after the leak is detected. The Department must be notified in writing if the 15 day repair time cannot be met. The notification shall include the reason for delay and projected time for repair.

020 [25 Pa. Code §129.14]**Open burning operations**

(a) Air basins. No person may permit the open burning of material in an air basin.

(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:

(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.

**SECTION C. Site Level Plan Approval Requirements**

(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) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

(5) - (6) NA

(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) NA

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

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Department will evaluate the actual emission rates and may revise the allowable emission limitations based upon demonstrated performance (CEMS data, stack tests results), and/or subsequently promulgated applicable requirements during the first five years of operation. Any revision of the allowable emission limitations shall be accomplished by permit modification provided that the revised allowable emission limitations do not exceed levels at which the lowest achievable emission rate (LAER), best available control technology (BACT) and best available technology (BAT) were evaluated, do not exceed the level at which the facility impacts were modeled, and that are not a result of a physical change at the facility or

**SECTION C. Site Level Plan Approval Requirements**

change in mode of operation.

022 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Pursuant to the New Source Review provisions in 25 Pa. Code Sections 127.201 through 127.217, the permittee shall purchase and apply 369.035 tons per year of volatile organic compound (VOC) emission reduction credits (ERCs) prior to commencing operation of any source at the facility to offset the total of the net increase in potential to emit. The permittee shall certify to the Northwest Regional Office of the Department the amount of ERCs purchased, the company from which the ERCs were purchased, and the effective date of transfer of the ERCs. The purchase and application of the VOC ERCs shall be tracked in the Department's ERC registry system.

023 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Within 90 days of construction of each emission unit at the facility, the facility shall submit a notification to the Department with the final make, model, and serial number of the associated sources and control devices.

024 [40 CFR Part 72 Regulations on Permits §40 CFR 72.1]**Subpart A--Acid Rain Program General Provisions****Purpose and scope.**

The permittee shall submit a complete Acid Rain (Title IV) permit application in accordance with the deadlines specified in 40 CFR Section 72.30(b)(2)(ii).

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 031

Source Name: 67 MMBTU/HR AUXILIARY BOILER

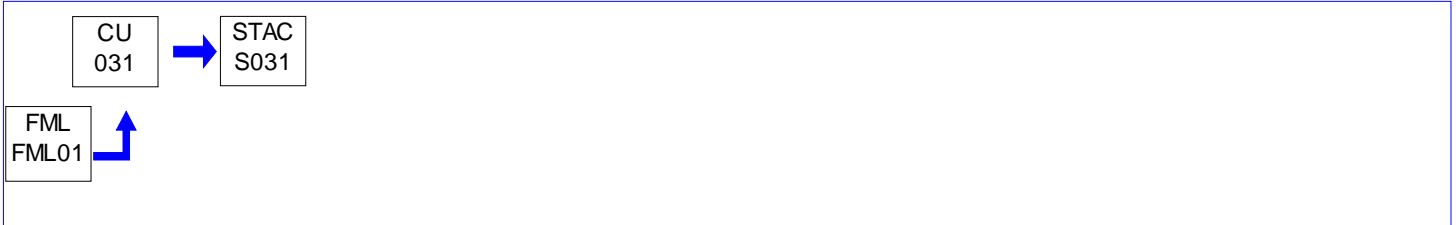
Source Capacity/Throughput:

67.000 MMBTU/HR

65,700.000 CF/HR

Natural Gas

Conditions for this source occur in the following groups: 3 - AUXILIARY BOILERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 032

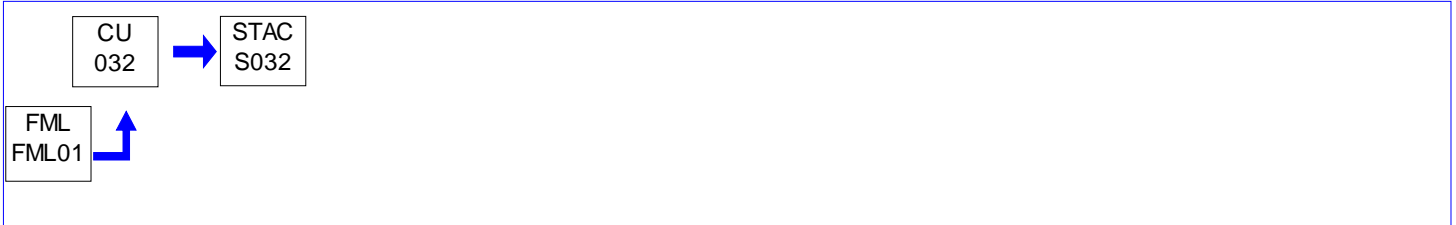
Source Name: 67 MMBTU/HR AUXILIARY BOILER

Source Capacity/Throughput: 67.000 MMBTU/HR

65,700.000 CF/HR

Natural Gas

Conditions for this source occur in the following groups: 3 - AUXILIARY BOILERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 033

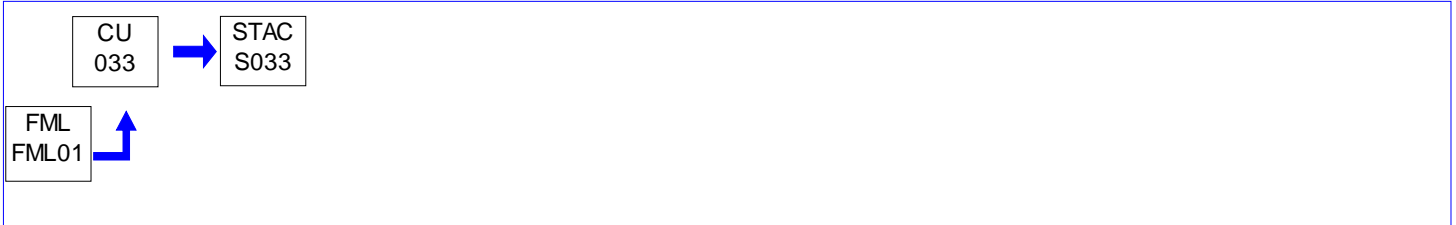
Source Name: 67 MMBTU/HR AUXILIARY BOILER

Source Capacity/Throughput: 67.000 MMBTU/HR

65,700.000 CF/HR

Natural Gas

Conditions for this source occur in the following groups: 3 - AUXILIARY BOILERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 101

Source Name: GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 3,515.000 MMBTU/HR

3.446 MMBTU/HR

Natural Gas

Conditions for this source occur in the following groups: 1 - COMBUSTION TURBINES (COMBINED CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

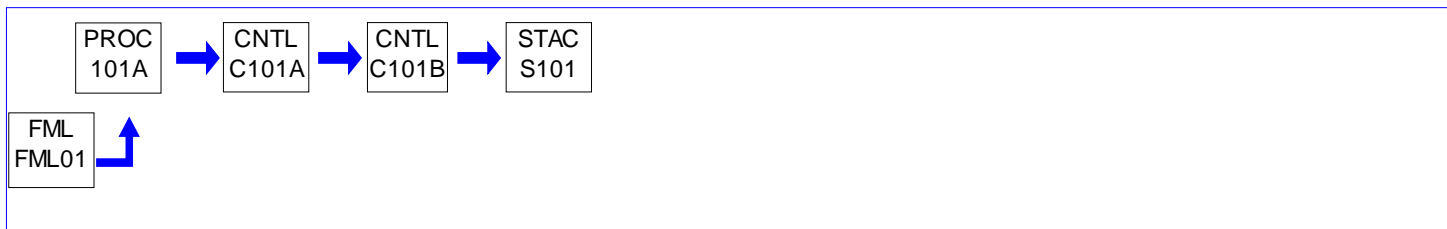
Source ID: 101A

Source Name: DUCT BURNER

Source Capacity/Throughput: 1,034.400 MMBTU/HR

0.973 MMCF/HR

Natural Gas

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 102

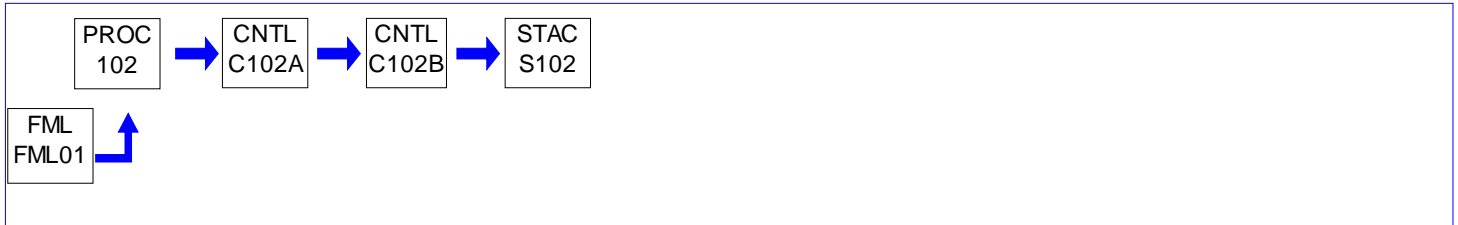
Source Name: GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 3,515.000 MMBTU/HR

3.446 MMCF/HR

Natural Gas

Conditions for this source occur in the following groups: 1 - COMBUSTION TURBINES (COMBINED CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 102A

Source Name: DUCT BURNER

Source Capacity/Throughput: 1,034.400 MMBTU/HR

0.973 MMCF/HR

Natural Gas

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103

Source Name: GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 3,515.000 MMBTU/HR

3.446 MMBTU/HR

Natural Gas

Conditions for this source occur in the following groups: 1 - COMBUSTION TURBINES (COMBINED CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103A

Source Name: DUCT BURNER

Source Capacity/Throughput: 1,034.400 MMBTU/HR

0.973 MMCF/HR

Natural Gas

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 104

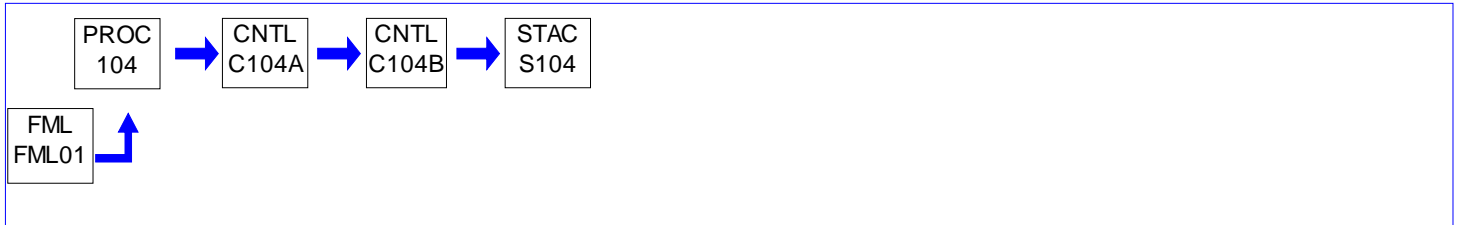
Source Name: GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 3,515.000 MMBTU/HR

3.446 MMCF/HR

Natural Gas

Conditions for this source occur in the following groups: 1 - COMBUSTION TURBINES (COMBINED CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 104A

Source Name: DUCT BURNER

Source Capacity/Throughput: 1,034.400 MMBTU/HR

0.973 MMCF/HR

Natural Gas

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 105

Source Name: GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 3,515.000 MMBTU/HR

3.446 MMCF/HR

Natural Gas

Conditions for this source occur in the following groups: 1 - COMBUSTION TURBINES (COMBINED CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 105A

Source Name: DUCT BURNER

Source Capacity/Throughput: 1,034.400 MMBTU/HR

0.973 MMCF/HR

Natural Gas

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 106

Source Name: GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 3,515.000 MMBTU/HR
3.446 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 1 - COMBUSTION TURBINES (COMBINED CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 106A

Source Name: DUCT BURNER

Source Capacity/Throughput: 1,034.400 MMBTU/HR

0.973 MMCF/HR

Natural Gas

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 107

Source Name: GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 3,515.000 MMBTU/HR

3.446 MMBTU/HR

Natural Gas

Conditions for this source occur in the following groups: 1 - COMBUSTION TURBINES (COMBINED CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 107A

Source Name: DUCT BURNER

Source Capacity/Throughput: 1,034.400 MMBTU/HR

0.973 MMCF/HR

Natural Gas

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 108

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 109

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 110

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMBTU/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 111

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

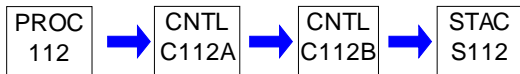
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 112

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 113

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

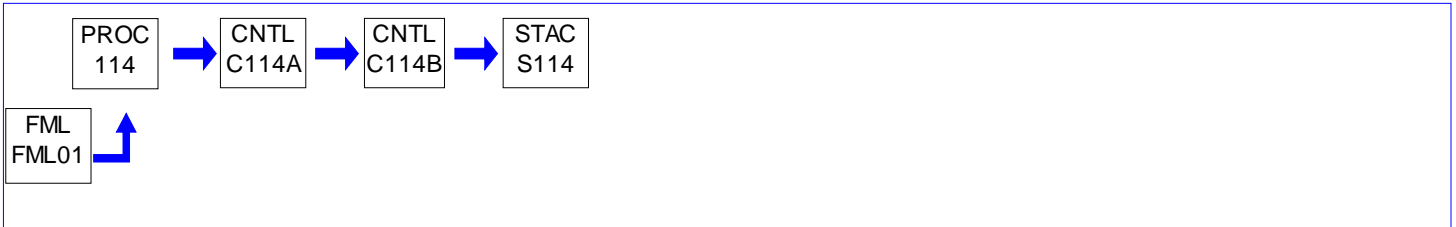
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 114

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMBTU/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 115

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

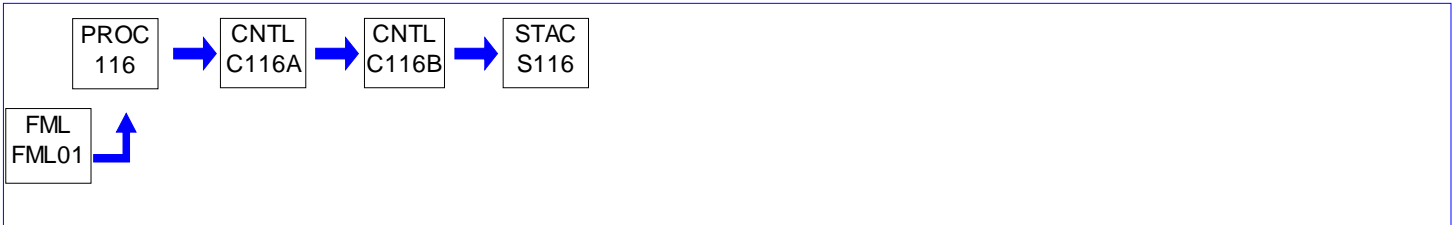
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 116

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 117

Source Name: MITSUBISHI FT8 SIMPLE CYCLE COMBUSTION TURBINE

Source Capacity/Throughput: 301.000 MMBTU/HR
0.295 MMCF/HR Natural Gas

Conditions for this source occur in the following groups: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 118

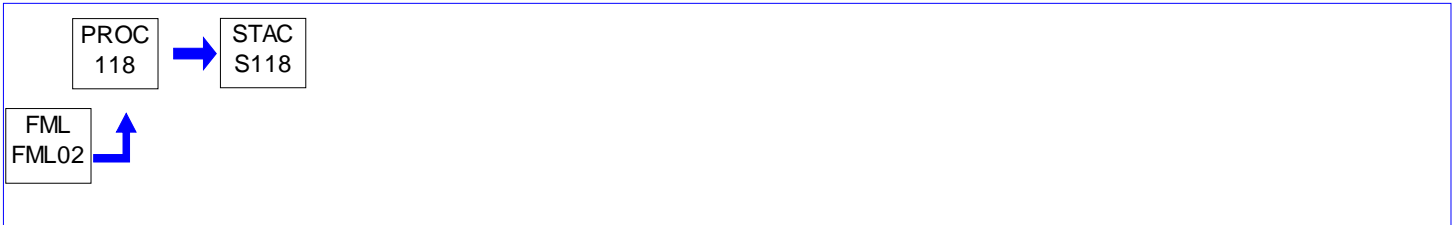
Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 119

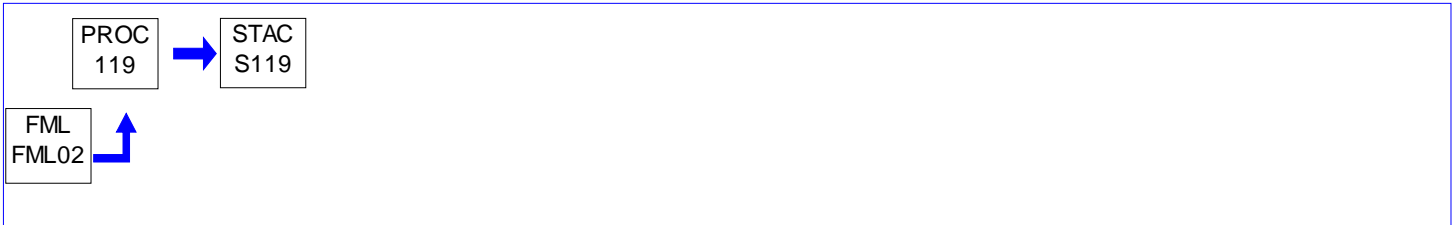
Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 120

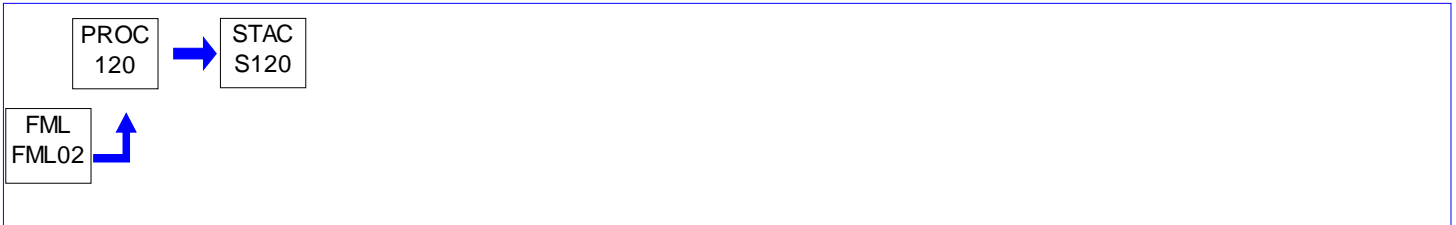
Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 121

Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 122

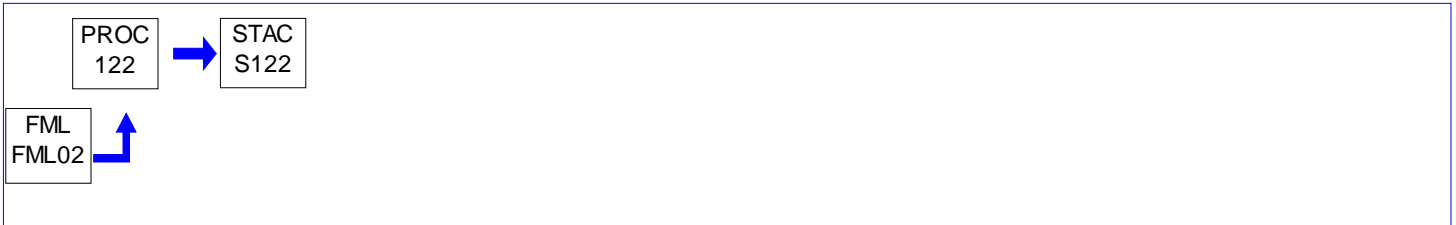
Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

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

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 123

Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 124

Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 125

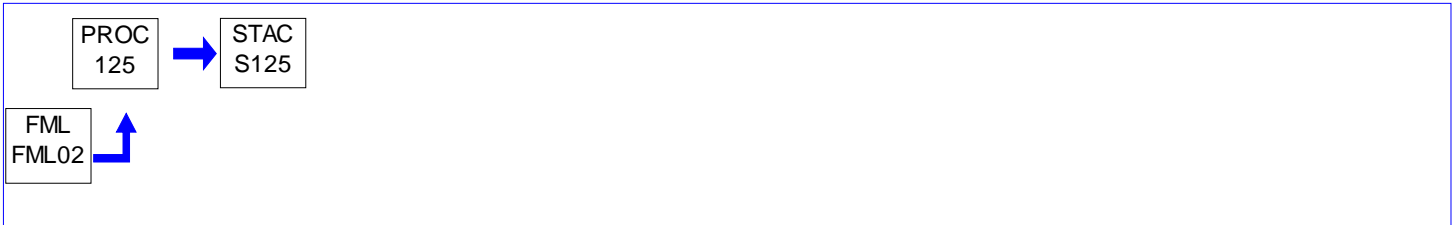
Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 126

Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 127

Source Name: 3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 128

Source Name: 1,483 BHP 1.0 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 129

Source Name: 1,483 BHP 1.0 MW EMERGENCY GENERATOR ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

Conditions for this source occur in the following groups: 4 - EMERGENCY GENERATORS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 130

Source Name: 399 BHP FIRE WATER PUMP ENGINE

Source Capacity/Throughput:

N/A

Diesel Fuel

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall operate and maintain source 130 to achieve the emission standards specified in 40 CFR Section 1039.101 (specifically tier 3) over the entire life of the engine. Any testing used to verify compliance with this work practice restriction shall be performed in accordance with 40 CFR Part 60 Subpart IIII, including 40 CFR Section 60.4212, and Department-approved test methods and procedures.

Fuel Restriction(s).**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Pursuant to best available technology requirements of 25 Pa. Code Section 127.1 and 127.12, the permittee shall only use ultra-low sulfur diesel fuel (15 ppm sulfur maximum) pursuant to 40 CFR Section 1090.305, to operate each source.

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

The source shall not be operated greater than 500 hours in any 12 consecutive month period.

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

The duration of each readiness test associated with the engines shall be no more than 30 minutes.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

The source shall be equipped with a non-resettable hour meter that accurately monitors the engine's hours of operation.

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

(a) The permittee shall record the hours that the source operated through the non-resettable hour meter and shall calculate the 12-consecutive month total hours of operation, including supporting documentation, to verify compliance with the operational restriction specified in this permit on a monthly basis. Additionally, the permittee shall record the time of operation of the engine and the reason the engine was in operation during that time.

**SECTION D. Source Level Plan Approval Requirements**

(b) The information used to demonstrate compliance with this condition shall be kept for a minimum of five years and shall be made available to the Department upon request.

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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

(1) the supporting information and calculations used to demonstrate that the emissions of particulate matter and sulfur oxides from the exhaust of the engine comply with the best available technology emissions limitations as well as the requirements in 25 Pa. Code Section 123.13 and 123.21, respectively;

(2) the fuel certification reports for each delivery of diesel fuel

(3) the stack test reports, if required

(b) The information used to demonstrate compliance with this condition shall be kept for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all requests, reports, applications, submittals and other communications required by the Standards of Performance for New Stationary Sources (40 CFR Part 60) shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
230 Chestnut Street
Meadville, PA 16335

Electronic submissions should be uploaded to the following web address where it will be forwarded to the appropriate party: <https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

The source is subject to the requirements of 40 CFR Part 60 Subpart IIII Sections 60.4200 through 60.4219. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart IIII Sections 60.4200 through 60.4219.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

**SECTION D. Source Level Plan Approval Requirements****What is the purpose of subpart ZZZZ?**

This source is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ Section 63.6580 through 63.6660. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart ZZZZ Sections 60.6580 through 63.6660.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 201

Source Name: 10.8 MMBTU/HR FUEL GAS HEATER

Source Capacity/Throughput:

10.800 MMBTU/HR

N/A

Natural Gas

Conditions for this source occur in the following groups: 5 - FUEL GAS HEATERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 202

Source Name: 10.8 MMBTU/HR FUEL GAS HEATER

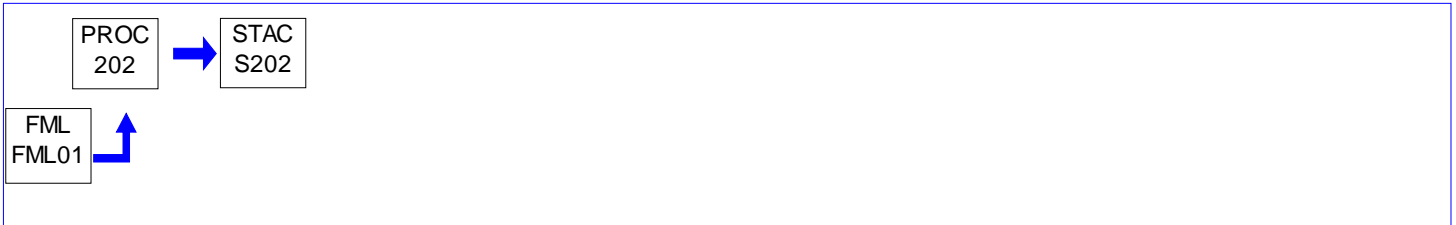
Source Capacity/Throughput:

10.800 MMBTU/HR

N/A

Natural Gas

Conditions for this source occur in the following groups: 5 - FUEL GAS HEATERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 203

Source Name: 10.8 MMBTU/HR FUEL GAS HEATER

Source Capacity/Throughput:

10.800 MMBTU/HR

N/A

Natural Gas

Conditions for this source occur in the following groups: 5 - FUEL GAS HEATERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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V. REPORTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 204

Source Name: 10.8 MMBTU/HR FUEL GAS HEATER

Source Capacity/Throughput:

10.800 MMBTU/HR

N/A

Natural Gas

Conditions for this source occur in the following groups: 5 - FUEL GAS HEATERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 205

Source Name: 10.8 MMBTU/HR FUEL GAS HEATER

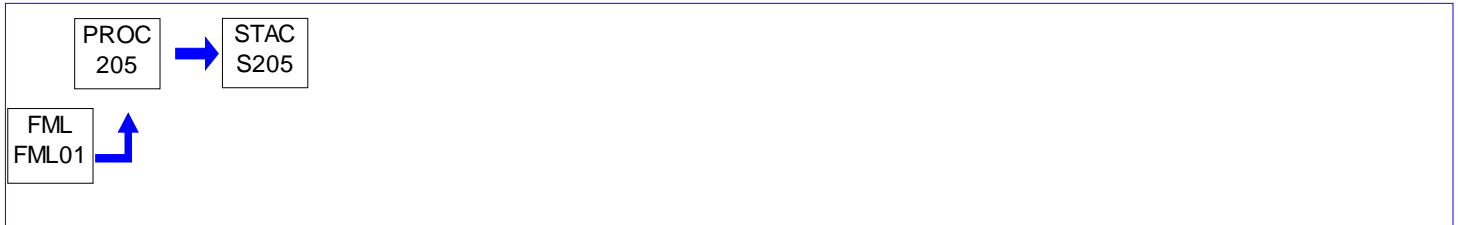
Source Capacity/Throughput:

10.800 MMBTU/HR

N/A

Natural Gas

Conditions for this source occur in the following groups: 5 - FUEL GAS HEATERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 206

Source Name: 10.8 MMBTU/HR FUEL GAS HEATER

Source Capacity/Throughput:

10.800 MMBTU/HR

N/A

Natural Gas

Conditions for this source occur in the following groups: 5 - FUEL GAS HEATERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 207

Source Name: 10.8 MMBTU/HR FUEL GAS HEATER

Source Capacity/Throughput:

10.800 MMBTU/HR

N/A

Natural Gas

Conditions for this source occur in the following groups: 5 - FUEL GAS HEATERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 301

Source Name: COOLING TOWER

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: 6 - COOLING TOWERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 302

Source Name: COOLING TOWER

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: 6 - COOLING TOWERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

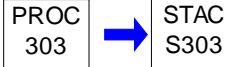
Source ID: 303

Source Name: COOLING TOWER

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: 6 - COOLING TOWERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 304

Source Name: COOLING TOWER

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: 6 - COOLING TOWERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

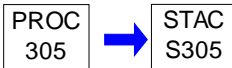
Source ID: 305

Source Name: COOLING TOWER

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: 6 - COOLING TOWERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

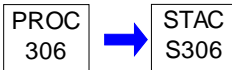
Source ID: 306

Source Name: COOLING TOWER

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: 6 - COOLING TOWERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

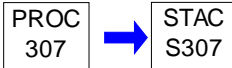
Source ID: 307

Source Name: COOLING TOWER

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: 6 - COOLING TOWERS

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

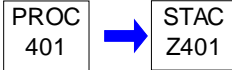
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 401

Source Name: CIRCUIT BREAKERS/ SWITCH GEAR

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The combined total sulfur hexafluoride (SF6) emissions from all of the circuit breakers used at the facility shall not exceed 345 pounds in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The circuit breakers at the facility shall be state-of-the-art sealed enclosed-pressure circuit breakers equipped with lowpressure alarms and a low-pressure lockout where the alarms are triggered when 10% of the sulfur hexafluoride (SF6) (by weight) has escaped. When the alarms are triggered, The permittee shall take corrective action as soon as practicable and fix the circuit breaker units to a like new state in order to prevent the emission of sulfur hexafluoride (SF6) to the maximum extent practicable.

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

The facility shall maintain records of the SF6 emissions calculations on a 12-month rolling basis. The records shall be kept for a minimum of five (5) years and shall be made available to the department upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

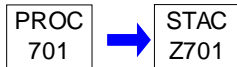
Source ID: 701

Source Name: FUGITIVES

Source Capacity/Throughput:

N/A

Natural Gas

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: 1 - COMBUSTION TURBINES (COMBINED CYCLE)

Group Description: Combined cycle combustion turbine requirements

Sources included in this group

ID	Name
101	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE
102	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE
103	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE
104	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE
105	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE
106	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE
107	GE 7HA.02 COMBINED CYCLE COMBUSTION TURBINE
C101	ASCR
C101	BOXIDATION CATALYST
C102	ASCR
C102	BOXIDATION CATALYST
C103	ASCR
C103	BOXIDATION CATALYST
C104	ASCR
C104	BOXIDATION CATALYST
C105	ASCR
C105	BOXIDATION CATALYST
C106	ASCR
C106	BOXIDATION CATALYST
C107	ASCR
C107	BOXIDATION CATALYST

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

During normal operation, emissions from each combined cycle combustion turbine, Source IDs 101 through 107, shall not exceed the following while firing natural gas:

(a) NO_x:

- (1) 2.0 ppmvd corrected to 15% O₂ and 33.2 lb/hr based on a continuous 1 hour block average WITH duct burners firing.
- (2) 2.0 ppmvd corrected to 15% O₂ and 25.9 lb/hr based on a continuous 1 hour block average WITHOUT duct burners firing.
- (3) Compliance Method: U.S. EPA Reference Method 7E or other methods approved by the Department for the concentration limit.
- (4) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and EPA Method 19 calculation for lb/hr limit.

(b) CO:

- (1) 2.0 ppmvd corrected to 15% O₂ and 20.2 lb/hr based on a continuous 1 hour block average WITH duct burners firing.
- (2) 2.0 ppmvd corrected to 15% O₂ and 15.8 lb/hr based on a continuous 1 hour block average WITHOUT duct burners firing.
- (3) Compliance Method: U.S. EPA Reference Method 10 or other methods approved by the Department for the concentration limit.
- (4) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and EPA Method 19 calculation for lb/hr limit.

(c) VOC:

- (1) 1.5 ppmvd as propane corrected to 15% O₂ and 8.7 lb/hr based on the average of 3 stack test runs WITH duct burners

**SECTION E. Source Group Plan Approval Restrictions.**

firing.

(2) 1.0 ppmvd as propane corrected to 15% O₂ and 4.5 lb/hr based on the average of 3 stack test runs WITHOUT duct burners firing.

(3) Compliance Method: U.S. EPA Reference Method 18 and 25A or a Thermo Scientific™ Direct Methane & Non-Methane Hydrocarbon Analyzer, Model 55i (or equivalent) calibrated in accordance with U.S. EPA Reference Method 25A and U.S. EPA Alternate Test Method (ALT) 096 or other methods approved by the Department.

(4) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and EPA Method 19 calculation for lb/hr limit.

(d) PM / PM₁₀ / PM_{2.5}:

(1) 0.0054 lb/MMBtu and 24.1 lb/hr based on the average of 3 stack test runs WITH duct burners firing.

(2) 0.0054 lb/MMBtu and 19 lb/hr based on the average of 3 stack test runs WITHOUT duct burners firing.

(3) Compliance Method: U.S. EPA Reference Methods 201/201A or equivalent and Method 202 as adjusted for ammonium sulfate formation per EPA memorandum 11/21/2024 "Condensable PM Adjustment for Ammonium Sulfate Formation in M202 Test Results".

(4) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and EPA Method 19 calculation for lb/hr limit.

(e) SO₂:

(1) 0.0014 lb/MMBtu and 6.5 lb/hr based on fuel monitoring WITH duct burners firing.

(2) 0.0014 lb/MMBtu and 5 lb/hr based on fuel monitoring WITHOUT duct burners firing.

(3) Compliance Method: The facility shall perform monthly sampling and monitoring of the sulfur content of the natural gas so that it does not exceed 0.5 grains per 100 scf.

(f) H₂SO₄:

(1) 0.001 lb/MMBtu and 4.7 lb/hr based on the average of 3 stack test runs WITH duct burners firing.

(2) 0.001 lb/MMBtu and 3.4 lb/hr based on the average of 3 stack test runs WITHOUT duct burners firing.

(3) Compliance Method: U.S. EPA Reference Method 8 or EPA Conditional Test Method 013 or other methods approved by the Department.

(g) HCHO:

(1) 91 ppbvd corrected to 15% O₂ based on the average of 3 stack test runs WITH OR WITHOUT duct burners firing.

(2) Compliance Method: U.S. EPA Test Method 320 of 40 CFR Part 63, Appendix A; ASTM D6348-12e1 provided that the test plan preparation and implementation provisions of Annexes A1 through A8 are followed and the %R as determined in Annex A5 is equal or greater than 70% and less than or equal to 130%; or other methods approved by the Department.

(h) CO₂:

(1) 800 lb/MWh based on a 12-month rolling average WITH OR WITHOUT duct burners firing (gross).

(2) 820 lb/MWh based on a 12-month rolling average WITH OR WITHOUT duct burners firing (net).

(3) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and Appendix G, Equation G-4 calculation.

(i) NH₃:

(1) 5 ppmvd corrected to 15% O₂ based on a 12-month rolling average WITH OR WITHOUT duct burners firing.

(2) Compliance Method: U.S. EPA Reference Method 320 or EPA Conditional Test Method 027 or other methods approved by the Department.

(j) Unless otherwise specified herein, the above emissions limits shall apply at all times except for periods of startup, shutdown, and commissioning.

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

At all times, including startup, shutdown, and commissioning, emissions from each combined cycle combustion turbine shall not exceed the following on a 12-month rolling basis (values in tpy or tons per year):

(a) NO_x - 141.04

(b) CO - 110.63

**SECTION E. Source Group Plan Approval Restrictions.**

- (c) VOC - 39.34
- (d) PM/PM10/PM2.5 - 100.74
- (e) SO₂ - 27.59
- (f) H₂SO₄ - 19.71
- (g) CO₂e - 2,277,505
- (h) Total HAPs - 7.33
- (i) Lead - 0.0094
- (j) Formaldehyde - 4.19

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

Visible emissions shall be limited to 20% for a period or periods aggregating more than three (3) minutes in any one (1) hour, and 60% at any time.

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

Commissioning of the GE 7HA.02 combustion turbines will take place prior to certification of the CEMS system. This is a requirement to assure safe operation of the combined cycle turbine system. Commissioning activities include first fire, full speed no load, overspeed and safety checks, grid synchronization testing, DLN and performance tuning operations, steam blows, and reliability base load operations. Short term emissions may be higher during commissioning activities, which include operation at very low turbine loads and prior to installation of add-on control equipment. Commissioning activities shall be conducted and completed within the first 180 days of operation after first fire and limited to 714 operating hours per turbine. Emissions during commissioning activities will be estimated from manufacturers information based on turbine load and operating scenario. The permittee shall record the emissions from commissioning activities and include those emissions when providing a demonstration of compliance with the annual emission limitations in this permit.

Fuel Restriction(s).**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The sources in the source group shall only burn pipeline quality natural gas as a fuel source. In addition the sulfur content of the natural gas shall not exceed 0.5 grains per 100 scf.

Operation Hours Restriction(s).**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Emissions from each combined cycle combustion turbine shall not exceed the following limits:

- (a) NO_x:
 - (1) 110 lbs/hot start
 - (2) 160 lbs/warm start
 - (3) 200 lbs/cold start
 - (4) 16 lbs/shutdown
- (b) VOC:
 - (1) 66 lbs/hot start
 - (2) 70 lbs/warm start
 - (3) 105 lbs/cold start
 - (4) 55 lbs/shutdown

**SECTION E. Source Group Plan Approval Restrictions.**

(c) CO:

- (1) 215 lbs/hot start
- (2) 235 lbs/warm start
- (3) 830 lbs/cold start
- (4) 185 lbs/shutdown

(d) These emission limits apply only during startup and shutdown events associated with each turbine. These emission rates are included as part of, and not in addition to, the annual emission limits for each turbine, respectively.

(e) For the purposes of demonstrating compliance with these emission limits, the term "startup" and "shutdown" are defined as follows:

(1) A cold start is defined as a restart occurring 72 hours or more after shutdown and shall not be in excess of 70 minutes in duration.

(2) A warm start is defined as a restart occurring between 8 to 72 hours after shutdown and shall not be in excess of 60 minutes in duration.

(3) A hot start is defined as a restart occurring less than 8 hours after shutdown and shall not be in excess of 30 minutes in duration.

(4) Shutdown is defined as the time from the time that the combustion turbine drops below MECL during shutdown to termination of fuel flow to the combustion turbine. Shutdown shall not exceed 12 minutes in duration.

(f) The permittee shall record the time, date, and duration of each startup and shutdown.

II. TESTING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Within 180 days after initial startup, a stack test shall be performed in accordance with the provisions of Chapter 139 (relating to sampling and testing) of the Rules and Regulations of the Department of Environmental Protection. The stack test shall test for the following pollutants:

- (1) NO_x
- (2) CO
- (3) VOC
- (4) HCHO
- (5) PM, PM₁₀, and PM_{2.5} (filterable and condensable)
- (6) H₂SO₄
- (7) SO₂
- (8) Ammonia slip

(b) The facility shall conduct subsequent performance testing every 5 years, in accordance with the provisions of Chapter 139 (relating to sampling and testing) of the Rules and Regulations of the Department of Environmental Protection. The stack test shall test for the following pollutants:

- (1) VOC
- (2) HCHO
- (3) PM, PM₁₀, and PM_{2.5} (filterable and condensable)
- (4) Ammonia slip

(c) Stack testing shall be performed with fired and unfired duct burners.

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4400]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I conduct the initial and subsequent performance tests, regarding NO_x ?**

The permittee shall comply with all applicable testing requirements specified in 40 CFR Sections 60.4400.

**SECTION E. Source Group Plan Approval Restrictions.****# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4405]****Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I perform the initial performance test if I have chosen to install a NOX-diluent CEMS?**

The permittee shall comply with all applicable testing requirements specified in 40 CFR Sections 60.4405.

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4415]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I conduct the initial and subsequent performance tests for sulfur?**

The permittee shall comply with all applicable testing requirements specified in 40 CFR Sections 60.4415.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall install, certify, maintain and operate continuous emission monitoring systems (CEMS) for NO_x, CO, and O₂, on the exhaust of the control device in accordance with all applicable requirements specified in 25 Pa. Code Chapter 139 and the Department's "Continuous Source Monitoring Manual." No CEMS system may however be installed unless Phase I approval has first been obtained from the Department.

(b) The permittee shall submit a Phase I application to the Department for all CEMS systems to be associated with each combined-cycle powerblock at least 180 days prior to the expected commencement of operation of each respective unit.

012 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall monitor the pressure differential across the inlet air filters and record it on a weekly basis.

013 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The pressure differential across the oxidation catalyst as well as the inlet and outlet temperatures shall be monitored and recorded on a continuous basis (1-hour average). Visual and audible alarms shall be utilized to indicate improper operation. The pressure differential and temperature ranges will be established based upon the recorded data and the stack testing.

014 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The pre-control and post-control NO_x emissions across the SCR shall be monitored to minimize ammonia slip.

015 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The inlet temperature, outlet temperature, and pressure differential across the SCR shall be monitored and recorded on a continuous basis. Visual and audible alarms shall be utilized to indicate improper operation.

016 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

A continuous emissions monitoring system shall be used to determine compliance with the ammonia emissions limit. A surrogate system for direct ammonia slip monitoring continuously monitors NO_x before and after the SCR and continuously monitors the ammonia feed rate. Ammonia slip concentration after the SCR is calculated utilizing the following equation:

$$\text{NH}_3 \text{ Adj.} = ((A \cdot (B \cdot C / 1,000,000)) \cdot (1,000,000 / B)) \cdot D$$

Where,

NH₃ Adj. = NH₃, ppmvd

A = NH₃ injection rate (lb/hr)/17 lb/lb-mol

B = Dry exhaust flow rate (lb/hr)/29 lb/lb-mol

C = Change in NO_x ppmvd across the catalyst (Inlet NO_x - Outlet NO_x)

D = Correction factor = RM avg./CEMS avg.

Reference Method (RM) average is the average of three NH₃ ppmvd runs as reported by the source tester during a source test.

**SECTION E. Source Group Plan Approval Restrictions.**

CEMS average is the average of three NH₃ ppmvd values as reported by the data acquisition monitoring system corresponding to the date and times of the Reference Method runs from the source test report.

017 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4340]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I demonstrate continuous compliance for NOX if I do not use water or steam injection?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4340.

018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4345]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****What are the requirements for the continuous emission monitoring system equipment, if I choose to use this option?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4345.

019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4350]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I use data from the continuous emission monitoring equipment to identify excess emissions?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4350.

020 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4360]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I determine the total sulfur content of the turbine's combustion fuel?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4360.

021 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4365]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How can I be exempted from monitoring the total sulfur content of the fuel?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4365.

022 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4370]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How often must I determine the sulfur content of the fuel?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4370.

IV. RECORDKEEPING REQUIREMENTS.**# 023 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall keep records of the following:

(1) monitor and keep records of the amount and type of fuel used each month as well as the monthly heat input and hours of operation.

(2) monthly emissions to demonstrate compliance with the emission limitations.

(3) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the natural gas is 0.5 grain/100 scf or less.

OR

(4) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 0.5 grain/100 scf.

(5) With additional authority for this item taken from 40 CFR 70.6, the records of the fuel sampling performed in this paragraph shall include the following;

- (i) The date, place, and time of sampling;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used;

**SECTION E. Source Group Plan Approval Restrictions.**

- (v) The results of such analyses; and
- (vi) The operating conditions as existing at the time of sampling or measurement

(b) All information to satisfy this recordkeeping requirement shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 024 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all requests, reports, applications, submittals and other communications required by the Standards of Performance for New Stationary Sources (40 CFR Part 60) shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
230 Chestnut Street
Meadville, PA 16335

Electronic submissions should be uploaded to the following web address where it will be forwarded to the appropriate party: <https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

025 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4375]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****What reports must I submit?**

The permittee shall comply with all applicable reporting requirements specified in 40 CFR Sections 60.4375.

026 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4380]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How are excess emissions and monitor downtime defined for NOX ?**

The permittee shall comply with all applicable reporting requirements specified in 40 CFR Sections 60.4380.

VI. WORK PRACTICE REQUIREMENTS.**# 027 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The source and associated control devices shall be maintained and operated in a manner consistent with good air pollution control practices and in accordance with the manufacturer's recommendations as well as manufacturer's maintenance plan.

028 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall operate and maintain the stationary combustion turbine, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times including during startup, shutdown, and malfunctions pursuant to 40 CFR Section 60.4333.

VII. ADDITIONAL REQUIREMENTS.**# 029 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The height of the exhaust stack associated with each combined cycle combustion turbine shall not be less than 190'-0" above grade.

**SECTION E. Source Group Plan Approval Restrictions.****# 030 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

High efficiency inlet air filters shall be used in the air inlet section of the turbines. The permittee shall keep on hand a full set of filters to replace any filter(s) due to routine operation.

031 [25 Pa. Code §145.204.]**Incorporation of Federal regulations by reference.**

- (a) The permittee shall comply with the applicable requirements of 40 CFR Part 97.
- (b) The permittee shall submit a complete NOx Budget permit application in accordance with 40 CFR Section 97.21(b)(1)(ii).
- (c) The permittee shall comply with the applicable Mandatory GHG Reporting requirements of 40 CFR Part 98.
- (d) The permittee shall comply with the requirements in 40 CFR Part 98 Subpart D.

032 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4300]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****What is the purpose of this subpart?**

The turbines are subject to the requirements of 40 CFR Part 60 Subpart KKKK Section 60.4300 through 60.4420. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart KKKK Sections 60.4300 through 60.4420.

033 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.5508a]**Subpart TTTTa - Standards of Performance for Greenhouse Gas Emissions for Modified Coal-Fired Steam Electric Generating Units and New Construction and Reconstruction Stationary Combustion Turbine Electric Generating Units****What is the purpose of this subpart?**

The turbines are subject to the requirements of 40 CFR Part 60 Subpart TTTTa Section 60.5508a through 60.5580a. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart TTTTa Sections 60.5508a through 60.5580a.

034 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6080]**Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines****What is the purpose of subpart YYYY?**

The turbines are subject to the requirements of 40 CFR Part 63 Subpart YYYY Section 63.6080 through 63.6175. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart YYYY Sections 63.6080 through 63.6175.

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: 2 - COMBUSTION TURBINES (SIMPLE CYCLE)

Group Description: Simple cycle combustion turbine requirements

Sources included in this group

ID	Name
108	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
109	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
110	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
111	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
112	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
113	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
114	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
115	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
116	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
117	mitsubishi FT8 SIMPLE CYCLE COMBUSTION TURBINE
C108	ASCR
C108	BOXIDATION CATALYST
C109	ASCR
C109	BOXIDATION CATALYST
C110	ASCR
C110	BOXIDATION CATALYST
C111	ASCR
C111	BOXIDATION CATALYST
C112	ASCR
C112	BOXIDATION CATALYST
C113	ASCR
C113	BOXIDATION CATALYST
C114	ASCR
C114	BOXIDATION CATALYST
C115	ASCR
C115	BOXIDATION CATALYST
C116	ASCR
C116	BOXIDATION CATALYST
C117	ASCR
C117	BOXIDATION CATALYST

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

During normal operation, emissions from each simple cycle combustion turbine, Source IDs 108 through 117, shall not exceed the following while firing natural gas:

(a) NO_x:

- (1) 2.5 ppmvd corrected to 15% O₂ and 2.79 lb/hr based on a continuous 4 hour rolling average.
- (2) Compliance Method: U.S. EPA Reference Method 7E or other methods approved by the Department for concentration limit.
- (3) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and EPA Method 19 calculation for lb/hr limit.

(b) CO:

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- (1) 9.35 lb/hr based on a continuous 4 hour rolling average.
(2) Compliance Method: U.S. EPA Reference Method 10 or other methods approved by the Department.
(3) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and EPA Method 19 calculation for lb/hr limit.
- (c) VOC:
(1) 3.75 lb/hr based on the average of 3 stack test runs.
(2) Compliance Method: U.S. EPA Reference Method 18 and 25A or a Thermo Scientific™ Direct Methane & Non-Methane Hydrocarbon Analyzer, Model 55i (or equivalent) calibrated in accordance with U.S. EPA Reference Method 25A and U.S. EPA Alternate Test Method (ALT) 096 or other methods approved by the Department.
(3) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and EPA Method 19 calculation for lb/hr limit.
- (d) PM / PM10 / PM2.5:
(1) 0.011 lb/MMBtu and 3.00 lb/hr based on the average of 3 stack test runs.
(2) Compliance Method: U.S. EPA Reference Methods 201/201A or equivalent and Method 202 as adjusted for ammonium sulfate formation per EPA memorandum 11/21/2024 "Condensable PM Adjustment for Ammonium Sulfate Formation in M202 Test Results".
(3) Compliance Method: 40 CFR Part 75 Appendix D fuel flow monitoring and EPA Method 19 calculation for lb/hr limit.
- (e) SO₂:
(1) 0.0014 lb/MMBtu and 0.42 lb/hr based on fuel monitoring.
(2) Compliance Method: The facility shall perform monthly sampling and monitoring of the sulfur content of the natural gas so that it does not exceed 0.5 grains per 100 scf.
- (f) H₂SO₄:
(1) 0.0022 lb/MMBtu and 0.64 lb/hr based on the average of 3 stack test runs.
(2) Compliance Method: U.S. EPA Reference Method 8 or EPA Conditional Test Method 013 or other methods approved by the Department.
- (g) HCHO:
(1) 91 ppbvd corrected to 15% O₂ based on the average of 3 stack test runs.
(2) Compliance Method: U.S. EPA Test Method 320 of 40 CFR Part 63, Appendix A; ASTM D6348-12e1 provided that the test plan preparation and implementation provisions of Annexes A1 through A8 are followed and the %R as determined in Annex A5 is equal or greater than 70% and less than or equal to 130%; or other methods approved by the Department.
- (h) CO₂:
(1) 1,425 lb/MWh based on a 12-month rolling average (gross).
(2) Compliance Method: U.S. EPA Reference Method 3A or other methods approved by the Department.
- (i) NH₃:
(1) 5 ppmvd corrected to 15% O₂ based on a 12-month rolling average.
(2) Compliance Method: U.S. EPA Reference Method 320 or EPA Conditional Test Method 027 or other methods approved by the Department.
- (j) Unless otherwise specified herein, the above emissions limits shall apply at all times except for periods of startup, shutdown, and commissioning.

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

At all times, including startup, shutdown, and commissioning, emissions from each simple cycle combustion turbine shall not exceed the following on a 12-month rolling basis (values in tpy or tons per year):

- (a) NO_x - 13.30
(b) CO - 25.74
(c) VOC - 5.11

**SECTION E. Source Group Plan Approval Restrictions.**

(d) PM/PM10/PM2.5 - 13.25

(e) SO₂ - 1.80

(f) H₂SO₄ - 2.77

(g) CO₂e - 154,773

(h) Total HAPs - 0.5

(i) Lead - 0.00064

(j) Formaldehyde - 0.29

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

Visible emissions shall be limited to 20% for a period or periods aggregating more than three (3) minutes in any one (1) hour, and 60% at any time.

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

Commissioning of the FT8 combustion turbines will include Total Pre-Breaker Checklist, Total Generator Testing, Tuning, Monitoring System Setup, and Performance Testing/RATA. Short term emissions may be higher during commissioning activities, which include operation at very low turbine loads and prior to installation of add-on control equipment. Commissioning activities shall be conducted and completed within the first 180 days of operation after first fire and limited to 98 operating hours per turbine. Emissions during commissioning activities will be estimated from manufacturers information based on turbine load and operating scenario. The permittee shall record the emissions from commissioning activities and include those emissions when providing a demonstration of compliance with the annual emission limitations in this permit.

Fuel Restriction(s).**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The sources in the source group shall only burn pipeline quality natural gas as a fuel source. In addition the sulfur content of the natural gas shall not exceed 0.5 grains per 100 scf.

Operation Hours Restriction(s).**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Emissions from each simple cycle combustion turbine shall not exceed the following limits:

(a) NO_x:

- (1) 14.4 lbs/startup
- (2) 2.8 lbs/shutdown

(b) VOC:

- (1) 1.3 lbs/startup
- (2) 0.5 lbs/shutdown

(c) CO:

- (1) 27.7 lbs/startup
- (2) 6.7 lbs/shutdown

(d) These emission limits apply only during startup and shutdown events associated with each turbine. These emission rates are included as part of, and not in addition to, the annual emission limits for each turbine, respectively.

**SECTION E. Source Group Plan Approval Restrictions.**

(e) For the purposes of demonstrating compliance with these emission limits, the term "startup" and "shutdown" are defined as follows:

(1) A startup is defined as from initiation of unit start until full load emissions compliance and shall not exceed 30 minutes in duration.

(2) A shutdown is defined as the time that the combustion turbine drops below MECL during shutdown to termination of fuel flow to the turbine, and shall not exceed 9 minutes in duration.

(f) The permittee shall record the time, date, and duration of each startup and shutdown.

II. TESTING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Within 180 days after initial startup, a stack test shall be performed in accordance with the provisions of Chapter 139 (relating to sampling and testing) of the Rules and Regulations of the Department of Environmental Protection. The stack test shall test for the following pollutants:

- (1) NO_x
- (2) CO
- (3) VOC
- (4) HCHO
- (5) PM, PM₁₀, and PM_{2.5} (filterable and condensable)
- (6) H₂SO₄
- (7) SO₂
- (8) Ammonia slip

(b) The facility shall conduct subsequent performance testing every 5 years, in accordance with the provisions of Chapter 139 (relating to sampling and testing) of the Rules and Regulations of the Department of Environmental Protection. The stack test shall test for the following pollutants:

- (1) VOC
- (2) HCHO
- (3) PM, PM₁₀, and PM_{2.5} (filterable and condensable)
- (4) Ammonia slip

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4400]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I conduct the initial and subsequent performance tests, regarding NO_x ?**

The permittee shall comply with all applicable testing requirements specified in 40 CFR Sections 60.4400.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4405]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I perform the initial performance test if I have chosen to install a NO_x-diluent CEMS?**

The permittee shall comply with all applicable testing requirements specified in 40 CFR Sections 60.4405.

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4415]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I conduct the initial and subsequent performance tests for sulfur?**

The permittee shall comply with all applicable testing requirements specified in 40 CFR Sections 60.4415.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall install, certify, maintain and operate continuous emission monitoring systems (CEMS) for NO_x, CO, and O₂ on the exhaust of the control device in accordance with all applicable requirements specified in 25 Pa. Code Chapter 139 and the Department's "Continuous Source Monitoring Manual." No CEMS or flow monitoring system may however be installed unless Phase I approval has first been obtained from the Department.

**SECTION E. Source Group Plan Approval Restrictions.**

(b) The permittee shall submit a Phase I application to the Department for all CEMS systems to be associated with each source at least 180 days prior to the expected commencement of operation of each respective unit.

012 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall monitor the pressure differential across the inlet air filters and record it on a weekly basis.

013 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The pressure differential across the oxidation catalyst as well as the inlet and outlet temperatures shall be monitored and recorded on a continuous basis (1-hour average). Visual and audible alarms shall be utilized to indicate improper operation. The pressure differential and temperature ranges will be established based upon the recorded data and the stack testing.

014 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The pre-control and post-control NO_x emissions across the SCR shall be monitored to minimize ammonia slip.

015 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The inlet temperature, outlet temperature, and pressure differential across the SCR shall be monitored and recorded on a continuous basis. Visual and audible alarms shall be utilized to indicate improper operation.

016 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

A continuous emissions monitoring system shall be used to determine compliance with the ammonia emissions limit. A surrogate system for direct ammonia slip monitoring continuously monitors NO_x before and after the SCR and continuously monitors the ammonia feed rate. Ammonia slip concentration after the SCR is calculated utilizing the following equation:

$$\text{NH}_3 \text{ Adj.} = ((A - (B * C / 1,000,000)) * (1,000,000 / B)) * D$$

Where,

NH₃ Adj. = NH₃, ppmvd

A = NH₃ injection rate (lb/hr)/17 lb/lb-mol

B = Dry exhaust flow rate (lb/hr)/29 lb/lb-mol

C = Change in NO_x ppmvd across the catalyst (Inlet NO_x - Outlet NO_x)

D = Correction factor = RM avg./CEMS avg.

Reference Method (RM) average is the average of three NH₃ ppmvd runs as reported by the source tester during a source test.

CEMS average is the average of three NH₃ ppmvd values as reported by the data acquisition monitoring system corresponding to the date and times of the Reference Method runs from the source test report.

017 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4340]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I demonstrate continuous compliance for NO_x if I do not use water or steam injection?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4340.

018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4345]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****What are the requirements for the continuous emission monitoring system equipment, if I choose to use this option?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4345.

019 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4350]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How do I use data from the continuous emission monitoring equipment to identify excess emissions?**

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4350.

**SECTION E. Source Group Plan Approval Restrictions.**

020 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4360]

Subpart KKKK - Standards of Performance for Stationary Combustion Turbines

How do I determine the total sulfur content of the turbine's combustion fuel?

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4360.

021 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4365]

Subpart KKKK - Standards of Performance for Stationary Combustion Turbines

How can I be exempted from monitoring the total sulfur content of the fuel?

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4365.

022 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4370]

Subpart KKKK - Standards of Performance for Stationary Combustion Turbines

How often must I determine the sulfur content of the fuel?

The permittee shall comply with all applicable monitoring requirements specified in 40 CFR Sections 60.4370.

IV. RECORDKEEPING REQUIREMENTS.

023 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall keep records of the following:

(1) monitor and keep records of the amount and type of fuel used each month as well as the monthly heat input and hours of operation.

(2) monthly emissions to demonstrate compliance with the emission limitations.

(3) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the natural gas is 0.5 grain/100 scf or less.

OR

(4) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 0.5 grain/100 scf.

(5) With additional authority for this item taken from 40 CFR 70.6, the records of the fuel sampling performed in this paragraph shall include the following;

- (i) The date, place, and time of sampling;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used;
- (v) The results of such analyses; and
- (vi) The operating conditions as existing at the time of sampling or measurement

(b) All information to satisfy this recordkeeping requirement shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

024 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]

Subpart A - General Provisions

Address.

The submission of all requests, reports, applications, submittals and other communications required by the Standards of Performance for New Stationary Sources (40 CFR Part 60) shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

and

**SECTION E. Source Group Plan Approval Restrictions.**

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
230 Chestnut Street
Meadville, PA 16335

Electronic submissions should be uploaded to the following web address where it will be forwarded to the appropriate party: <https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

025 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4375]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****What reports must I submit?**

The permittee shall comply with all applicable reporting requirements specified in 40 CFR Sections 60.4375.

026 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4380]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****How are excess emissions and monitor downtime defined for NOX ?**

The permittee shall comply with all applicable reporting requirements specified in 40 CFR Sections 60.4380.

VI. WORK PRACTICE REQUIREMENTS.**# 027 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The source and associated control devices shall be maintained and operated in a manner consistent with good air pollution control practices and in accordance with the manufacturer's recommendations as well as manufacturer's maintenance plan.

028 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall operate and maintain the stationary combustion turbine, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times including during startup, shutdown, and malfunctions pursuant to 40 CFR Section 60.4333.

VII. ADDITIONAL REQUIREMENTS.**# 029 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The height of the exhaust stack associated with each simple cycle combustion turbine shall not be less than 90'-0" above grade.

030 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

High efficiency inlet air filters shall be used in the air inlet section of the turbines. The permittee shall keep on hand a full set of filters to replace any filter(s) due to routine operation.

031 [25 Pa. Code §145.204.]**Incorporation of Federal regulations by reference.**

(a) The permittee shall comply with the applicable requirements of 40 CFR Part 97.

(b) The permittee shall submit a complete NOx Budget permit application in accordance with 40 CFR Section 97.21(b)(1)(ii).

(c) The permittee shall comply with the applicable Mandatory GHG Reporting requirements of 40 CFR Part 98.

(d) The permittee shall comply with the requirements in 40 CFR Part 98 Subpart D.

032 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4300]**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines****What is the purpose of this subpart?**

The turbines are subject to the requirements of 40 CFR Part 60 Subpart KKKK Section 60.4300 through 60.4420. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart KKKK Sections 60.4300 through 60.4420.

**SECTION E. Source Group Plan Approval Restrictions.**

033 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6080]

Subpart YYYY--National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines

What is the purpose of subpart YYYY?

The turbines are subject to the requirements of 40 CFR Part 63 Subpart YYYY Section 63.6080 through 63.6175. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart YYYY Sections 63.6080 through 63.6175.

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: 3 - AUXILIARY BOILERS

Group Description: Auxiliary boiler requirements

Sources included in this group

ID	Name
031	67 MMBTU/HR AUXILIARY BOILER
032	67 MMBTU/HR AUXILIARY BOILER
033	67 MMBTU/HR AUXILIARY BOILER

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The emissions from the exhaust of each boiler in the source group shall not exceed the following limits:

- (a) NO_x - 0.01 lb/MMBtu and 0.15 tpy
- (b) CO - 0.08 lb/MMBtu and 1.21 tpy
- (c) VOC - 0.0054 lb/MMBtu and 0.08 tpy
- (d) PM/PM₁₀/PM_{2.5} - 0.0075 lb/MMBtu and 0.11 tpy
- (e) SO₂ - 0.0014 lb/MMBtu and 0.02 tpy
- (f) H₂SO₄ - 0.00214 lb/MMBtu and 0.000315 tpy

Fuel Restriction(s).**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Each auxiliary boiler (Source IDs 031-033) shall only utilize natural gas as fuel and fire no more than 29,346 MMBtu of natural gas in any 12-consecutive-month period.

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

The operating hours of each auxiliary boiler (Source IDs 031-033) shall not exceed 438 hours in any 12-consecutive-month period.

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

The permittee shall conduct initial EPA reference method testing within 180 days of the startup of each boiler for NO_x, CO, VOC, PM/PM₁₀/PM_{2.5}, SO₂, and H₂SO₄ to demonstrate compliance with the emission limitations.

Test methods shall consist of the following EPA test methods (or equivalents)

NO_x: EPA Reference Test Method 7E;
CO: EPA Reference Test Method 10;
VOC: EPA Reference Test Method 18 and 25A or alternate test method 096;
PM/PM₁₀/PM_{2.5}: EPA Reference Test Method 5, 201/201A, and 202 as adjusted for ammonium sulfate per EPA memorandum dated 11/21/2024;
SO₂: EPA Reference Test Method 6C;
H₂SO₄: EPA Reference Test Method 8 or CTM-013.

**SECTION E. Source Group Plan Approval Restrictions.****III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

**# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Reporting and recordkeeping requirements.**

(a) The permittee shall keep records of the amount of natural gas fired in each boiler in each calendar month.

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

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

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

Each boiler shall be operated and maintained in accordance with the manufacturer's specifications and good operating practices.

VII. ADDITIONAL REQUIREMENTS.

**# 007 [25 Pa. Code §127.12b]
Plan approval terms and conditions.**

Each Boiler shall be equipped with ultra-low NOx burners and flue gas recirculation.

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.40c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Applicability and delegation of authority.**

Each boiler is subject to the requirements of 40 CFR Part 60 Subpart Dc Sections 60.40c through 60.48c. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart Dc Sections 60.40c through 60.48c.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7480]
Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.
What is the purpose of this subpart?**

The auxiliary boilers are subject to the requirements of 40 CFR Part 63 Subpart DDDDD Section 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 60.7480 through 63.7575.

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: 4 - EMERGENCY GENERATORS

Group Description: Emergency generator requirements

Sources included in this group

ID	Name
118	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
119	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
120	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
121	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
122	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
123	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
124	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
125	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
126	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
127	3,633 BHP 2.5 MW EMERGENCY GENERATOR ENGINE
128	1,483 BHP 1.0 MW EMERGENCY GENERATOR ENGINE
129	1,483 BHP 1.0 MW EMERGENCY GENERATOR ENGINE

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Pursuant to the best available technology requirements of 25 Pa. Code Section 127.1 and 127.12, the visible emissions from each source shall not exceed 15% for any 3-minute block period and 50% at any time.

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall operate and maintain each source to achieve the emission standards specified in 40 CFR Section 1039.101 (specifically tier 4) over the entire life of the engine. Any testing used to verify compliance with this work practice restriction shall be performed in accordance with 40 CFR Part 60 Subpart IIII, including 40 CFR Section 60.4212, and Department-approved test methods and procedures.

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

Pursuant to best available technology requirements of 25 Pa. Code Section 127.1 and 127.12, the permittee shall only use ultra-low sulfur diesel fuel (15 ppm sulfur maximum) pursuant to 40 CFR Section 1090.305, to operate each source.

Operation Hours Restriction(s).**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The duration of each readiness test associated with the engines shall be no more than 30 minutes.

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

Each source shall not be operated greater than 500 hours in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION E. Source Group Plan Approval Restrictions.****III. MONITORING REQUIREMENTS.****# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Each source shall be equipped with a non-resettable hour meter that accurately monitors the engine's hours of operation.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall record the hours that each source operated through the non-resettable hour meter and shall calculate the 12-consecutive month total hours of operation, including supporting documentation, to verify compliance with the operational restriction specified in this permit on a monthly basis. Additionally, the permittee shall record the time of operation of the engine and the reason the engine was in operation during that time.

(b) The information used to demonstrate compliance with this condition shall be kept for a minimum of five years and shall be made available to the Department upon request.

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

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

(1) the supporting information and calculations used to demonstrate that the emissions of particulate matter and sulfur oxides from the exhaust of the engine comply with the best available technology emissions limitations as well as the requirements in 25 Pa. Code Section 123.13 and 123.21, respectively;

(2) the fuel certification reports for each delivery of diesel fuel

(3) the stack test reports, if required.

(b) The information used to demonstrate compliance with this condition shall be kept for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all requests, reports, applications, submittals and other communications required by the Standards of Performance for New Stationary Sources (40 CFR Part 60) shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

and

The Pennsylvania Department of Environmental Protection
Air Quality Program Manager
230 Chestnut Street
Meadville, PA 16335

Electronic submissions should be uploaded to the following web address where it will be forwarded to the appropriate party: <https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

**SECTION E. Source Group Plan Approval Restrictions.**

Each source is subject to the requirements of 40 CFR Part 60 Subpart IIII Sections 60.4200 through 60.4219. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart IIII Sections 60.4200 through 60.4219.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What is the purpose of subpart ZZZZ?**

The emergency engines are subject to the requirements of 40 CFR Part 63 Subpart ZZZZ Section 63.6580 through 63.6660. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart ZZZZ Sections 60.6580 through 63.6660.

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: 5 - FUEL GAS HEATERS

Group Description: Fuel gas heater requirements

Sources included in this group

ID	Name
201	10.8 MMBTU/HR FUEL GAS HEATER
202	10.8 MMBTU/HR FUEL GAS HEATER
203	10.8 MMBTU/HR FUEL GAS HEATER
204	10.8 MMBTU/HR FUEL GAS HEATER
205	10.8 MMBTU/HR FUEL GAS HEATER
206	10.8 MMBTU/HR FUEL GAS HEATER
207	10.8 MMBTU/HR FUEL GAS HEATER

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The emissions from the exhaust of each fuel gas heater shall not exceed the following limits:

- (a) NO_x - 0.03 lb/MMBtu and 1.42 tpy
- (b) CO - 0.04 lb/MMBtu and 1.75 tpy
- (c) VOC - 0.005 lb/MMBtu and 0.24 tpy
- (d) PM/PM₁₀/PM_{2.5} - 0.0048 lb/MMBtu and 0.23 tpy
- (e) SO₂ - 0.0014 lb/MMBtu and 0.07 tpy
- (f) H₂SO₄ - 0.0000214 lb/MMBtu and 0.00101 tpy

Fuel Restriction(s).

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Each fuel gas heater shall only utilize natural gas as a fuel source.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- (a) The permittee shall keep records of the hours of operation of each source in each calendar month.
- (b) All records generated pursuant to this condition shall be retained for a minimum of five years and shall be made available to the Department upon request.

**SECTION E. Source Group Plan Approval Restrictions.****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Each fuel gas heater shall be operated and maintained in accordance with the manufacturer's specifications and good operating practices.

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

Compliance with the annual tpy emissions limitations shall be based on the recorded operating hours for each source multiplied by the potential hourly heat input multiplied by the lb/MMBtu emission factors for each pollutant.

VII. ADDITIONAL REQUIREMENTS.**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7480]****Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters.****What is the purpose of this subpart?**

The fuel gas heaters are subject to the requirements of 40 CFR Part 63 Subpart DDDDD Section 63.7480 through 63.7575. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart DDDDD Sections 60.7480 through 63.7575.

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: 6 - COOLING TOWERS

Group Description: Cooling tower requirements

Sources included in this group

ID	Name
301	COOLING TOWER
302	COOLING TOWER
303	COOLING TOWER
304	COOLING TOWER
305	COOLING TOWER
306	COOLING TOWER
307	COOLING TOWER

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The emissions from each cooling tower shall not exceed the following:

- (a) Total PM: 0.10 lb/hr and 0.45 tpy on a 12-month rolling basis
- (b) Total PM10: 0.072 lb/hr and 0.31 tpy on a 12-month rolling basis
- (c) Total PM2.5: 0.00023 lb/hr and 0.001 tpy on a 12-month rolling basis

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall sample, analyze, and record the circulating water TDS (Total Dissolved Solids) content on a monthly basis.

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

The permittee shall continuously monitor and record the circulating water and make up water flow rates on a 24-hour average.

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

The permittee shall maintain the following comprehensive and accurate records:

- (a) Monthly circulating water TDS content.
- (b) Daily circulating water and make up water flow rates.
- (c) PM, PM10, and PM2.5 emissions on a 12-month rolling basis based upon the measured parameters.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Total dissolved solids (TDS) of the cooling tower water shall not exceed 3,000 ppmw (12-month rolling average)

**SECTION E. Source Group Plan Approval Restrictions.****VII. ADDITIONAL REQUIREMENTS.****# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall install and maintain drift eliminators with a manufacturer's guaranteed drift rate of less than 0.0005% of the circulating water flow rate.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

Source Id

Source Description

Site Emission Restriction Summary

Emission Limit		Pollutant
843.190 Tons/Yr	Based on a 12-month rolling total	TSP
842.230 Tons/Yr	Based on a 12-month rolling total	PM10_PRI
17,551,454.000 Tons/Yr	Greenhouse Gases, expressed as Carbon Dioxide Equivalent (CO2e). Based on a 12-month rolling total	Carbon Dioxide
57.080 Tons/Yr	Total of all HAPs. Based on a 12-month rolling total	Hazardous Air Pollutants
2.940 Tons/Yr	Based on a 12-month rolling total	Acetaldehyde
4.720 Tons/Yr	Based on a 12-month rolling total	Total Xylenes
840.020 Tons/Yr	Based on a 12-month rolling total	PM2.5_PRI
1,142.800 Tons/Yr	Based on a 12-month rolling total	NOX
332.160 Tons/Yr	Based on a 12-month rolling total	VOC
1,104.800 Tons/Yr	Based on a 12-month rolling total	CO
211.760 Tons/Yr	Based on a 12-month rolling total	SOX
165.730 Tons/Yr	Based on a 12-month rolling total	Sulfuric Acid
2.350 Tons/Yr	Based on a 12-month rolling total	Ethylbenzene
32.200 Tons/Yr	Based on a 12-month rolling total	Formaldehyde
2.130 Tons/Yr	Based on a 12-month rolling total	Propylene Oxide
9.580 Tons/Yr	Based on a 12-month rolling total	Toluene



SECTION H. Miscellaneous.



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