JEFFERSON COUNTY DEPARTMENT OF HEALTH

AIR POLLUTION PROGRAM

TITLE V OPERATING PERMIT

Permittee: **Pivotal LNG, LLC - Trussville LNG Plant**

Location: **7389 Gas Line Road**
Trussville, Alabama 35173

Permit No: **4-07-1055-03**

Issuance Date: **June 24, 2026**

Expiration Date: **June 23, 2031**

Nature of Business: **Natural Gas Storage and Distribution**

Emissions Unit No.	Emissions Unit Description
001	Natural Gas-Fired Combustion Turbine, Solar Turbines Centaur 40-4700, 4700 HP, 47.6 MMBtu (HHV)/hr at Peak Load
002	Emergency Generators

This Permit is issued pursuant to and is conditioned upon the compliance with the provisions of the Jefferson County Board of Health Air Pollution Control Rules and Regulations, the applicable requirements of the Clean Air Act implementation plan for Alabama approved or promulgated by the United States Environmental Protection Agency (EPA) through rulemaking under title I of the Clean Air Act (identified in 40 CFR 52, Subpart B) and other applicable requirements as defined in section 18.1.1(e) of the Jefferson County Board of Health Rules and Regulations, Section 18 of the Alabama Air Pollution Control Act of 1971, Act No. 769 (Regular Session, 1971), Section 22-28-16 of the Alabama Air Pollution Control Act as amended, Orders of the Jefferson County Board of Health, Orders of the Director of the Alabama Department of Environmental Management (ADEM), and any applicable local, state or federal Court Order. This Permit is subject to the accuracy of all information submitted relating to the permit application and to the conditions appended hereto. It is valid from the date of issuance until the expiration date and shall be posted or kept under file at the source location described above and shall be made readily available for inspection at any reasonable time to any and all persons who may request to see it. This Permit is not transferable.

Jason Howanitz, P.E.
Principal Air Pollution Control Engineer
Air & Radiation Protection Division
Environmental Health Services

Approved: David Hicks, DO, MPH, FAAFP
Health Officer

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General Permit Conditions

In addition to compliance with Alabama Air Pollution Control Act Number 769 (Regular Session, 1971) and Act Number 612 (Regular Session, 1982) and with all applicable Air Pollution Control Rules and Regulations, the conditions which are listed below are hereby contained in and made a part of this permit. For each citation to a Jefferson County Board of Health regulation provided in connection with a permit condition (other than for those permit conditions that are specifically identified in the permit as not being federally enforceable), Appendix A to this permit identifies the corresponding ADEM regulation that has been approved by EPA as part of the Clean Air Act implementation plan for Alabama (identified in 40 CFR 52, Subpart B). The corresponding ADEM regulations, together with the cited Jefferson County Board of Health regulations, serve as the origin and authority for the associated permit term or condition.

No.	Federally Enforceable General Permit Conditions	Regulations
	Definitions	
1.	For the purposes of this Synthetic Minor Operating Permit, the following terms will have the meanings ascribed to in this permit: “12-Month Rolling Total" shall mean the method of demonstrating compliance with an annual emission rate or throughput restriction of a permit condition of a Synthetic Minor Operating Permit, or, to keep annual emissions below a regulation's emissions applicability level. At the end of each calendar month, a source shall demonstrate compliance with an annual emission rate restriction for the previous 12 consecutive month period by summing the monthly emissions. “40 CFR 51” shall be an acronym for Part 51 of Title 40 of the Code of Federal Regulations. “40 CFR 60” shall be an acronym for Part 60 of Title 40 of the Code of Federal Regulations. “40 CFR 61” shall be an acronym for Part 61 of Title 40 of the Code of Federal Regulations. “40 CFR 63” shall be an acronym for Part 63 of Title 40 of the Code of Federal Regulations. "40 CFR 68" shall be an acronym for Part 68 of Title 40 of the Code of Federal Regulations. “40 CFR 82” shall be an acronym for Part 82 of Title 40 of the Code of Federal Regulations. “Act” or “CAA” shall mean the Clean Air Act, as amended, 42 U.S.C. 7401, et seq. "ADEM" shall be an acronym for the Alabama Department of Environmental Management. "Administrator" shall mean the Administrator of the Environmental Protection Agency or his or her authorized representative. "Air Contaminant" shall mean any solid, liquid, gaseous matter, any odor, or any other combination thereof, from whatever source. “Annual Rolling Total” shall be an equivalent phrase for “12-Month Rolling Total.” “Department” shall mean the Jefferson County Department of Health.	1.3 18.1 60.4420

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	"EPA" shall mean the Environmental Protection Agency. "Fugitive emissions" means those emissions which could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening. "Gross useful output" means the gross useful work performed by the stationary combustion turbine system. For units using the mechanical energy directly or generating only electricity, the gross useful work performed is the gross electrical or mechanical output from the turbine/generator set. For combined heat and power units, the gross useful work performed is the gross electrical or mechanical output plus the useful thermal output (i.e., thermal energy delivered to a process). "HAP" shall be an acronym for hazardous air pollutant listed in or pursuant to section 112(c) of the Act. The list is reproduced in Appendix D of the Rules and Regulations. "ISO conditions" means 288 Kelvin, 60 percent relative humidity and 101.3 kilopascals pressure. "Modification" shall mean any physical change in, or change in the method of operation of, an affected source which increases the amount of any air contaminant (to which a rule or regulation applies) not previously emitted, except that routine maintenance, repair, and replacement shall not be considered physical changes, and the following shall not be considered a change in the method of operation: an increase in the production rate, increase in the hours of operation, or use of an alternate fuel or raw material. "Monthly" means once per calendar month at regular intervals of no less than 28 days and no more than 35 days. "Natural gas" means a naturally occurring fluid mixture of hydrocarbons (e.g., methane, ethane, or propane) produced in geological formations beneath the Earth's surface that maintains a gaseous state at standard atmospheric temperature and pressure under ordinary conditions. Additionally, natural gas must either be composed of at least 70 percent methane by volume or have a gross calorific value between 950 and 1,100 British thermal units (Btu) per standard cubic foot. Natural gas does not include the following gaseous fuels: landfill gas, digester gas, refinery gas, sour gas, blast furnace gas, coal-derived gas, producer gas, coke oven gas, or any gaseous fuel produced in a process which might result in highly variable sulfur content or heating value. "NESHAP" shall be an acronym for National Emission Standard for Hazardous Air Pollutants established pursuant to section 112 of the Act and published in 40 CFR 61 or 40 CFR 63. "NSPS" shall be an acronym for New Source Performance Standards published in 40 CFR 60. "Peak load" means 100 percent of the manufacturer's design capacity of the combustion turbine at ISO conditions. "Permittee" shall mean the holder of a permit issued by the Department. "Rules and Regulations" shall mean the Jefferson County Board of Health Air Pollution Control Regulations, as the same may be amended or revised.	

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	"SIP" shall be an acronym for State Implementation Plan. "Source" shall mean any building, structure, facility, installation, article, machine, equipment, device, or other contrivance which emits or may emit any air contaminant. Any activity which utilizes abrasives or chemicals for cleaning or any other purpose (such as cleaning the exterior of buildings) which emits air contaminants shall be considered a source. "Stationary combustion turbine" means all equipment, including but not limited to the turbine, the fuel, air, lubrication and exhaust gas systems, control systems (except emissions control equipment), heat recovery system, and any ancillary components and subcomponents comprising any simple cycle stationary combustion turbine, any regenerative/recuperative cycle stationary combustion turbine, any combined cycle combustion turbine, and any combined heat and power combustion turbine based system. Stationary means that the combustion turbine is not self propelled or intended to be propelled while performing its function. It may, however, be mounted on a vehicle for portability. "Useful thermal output" means the thermal energy made available for use in any industrial or commercial process, or used in any heating or cooling application, i.e., total thermal energy made available for processes and applications other than electrical or mechanical generation. Thermal output for this subpart means the energy in recovered thermal output measured against the energy in the thermal output at 15 degrees Celsius and 101.325 kilopascals of pressure. "VOC" shall be an acronym for volatile organic compound. "Volatile Organic Compound" shall mean any organic compound excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions. This includes any such organic compound other than those listed at Part 1.3 of the Rules and Regulations and/or 40 CFR 51.100(s)(1).	
	General Permit Conditions	
2.	**<u>Basis for Permit</u>** This Operating Permit is issued based on provisions contained in all existing Jefferson County Board of Health Air Pollution Control Rules and Regulations (hereinafter called Rules and Regulations in this permit). In the event amendments, revisions or additions are made to these Rules and Regulations, it shall be the responsibility of the permit holder (hereinafter called the permittee in this permit) to comply with such new Rules and Regulations. Additions and revisions to the conditions in this Operating Permit will be made by the Jefferson County Department of Health (hereinafter called the Department), if necessary, to assure that the Rules and Regulations are not violated.	AL Act 612 AL Act 769
3.	**<u>Authority</u>** Nothing in this Operating Permit or conditions appended thereto shall negate any authority granted to this Department or the Health Officer pursuant to Alabama Air Pollution Control Act No. 769 (Regular Session, 1971) and Act No. 612 (Regular Session, 1982) or any regulations promulgated thereunder.	AL Act 612 AL Act 769
4.	**<u>Acceptance of Permit</u>** The permittee is required to bring the operation of a source within the standards of Paragraph 18.2.8(a) of the Rules and Regulations. Commencing construction or operation of the source shall be deemed acceptance of all conditions specified. A Title V Operating Permit with revised conditions may be issued upon receipt of a new application if the permittee demonstrates that the source can operate within the	18.2.4

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	standard of Paragraph 18.2.8(a) of the Rules and Regulations under the revised conditions.	
5.	**Compliance With Existing and Future Regulations** A. The permittee shall comply with all conditions of the Rules and Regulations. B. The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance. C. The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit, and shall follow any more detailed schedule of compliance set forth in the applicable requirement or unit specific permit requirements. D. The permittee shall be subject to any future MACT standards from the effective date as published by EPA and shall comply with the rule by the compliance date.	18.5.6 18.4.8(h) 18.7.3 18.7.6
6.	**Noncompliance** The permittee shall comply with all terms and conditions of the permit. Noncompliance with any term or condition of a permit will constitute a violation of the Act and the Rules and Regulations and may result in enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.	70.6(a)(6)(i) 18.5.6
7.	**Compliance Defense** The permittee shall not use as a defense in an enforcement action, that maintaining compliance with permit conditions would have required halting or reducing the permitted activity.	18.5.7
8.	**Credible Evidence** Any credible evidence or information relevant to whether a source may have been in compliance with applicable requirements can be used to establish whether or a not an owner or operator has violated or is in violation of any rule or standard in the Rules and Regulations and/or any applicable provisions of 40 CFR 60 or 40 CFR 61.	1.18 60.11(g) 61.12(e)
9.	**Circumvention** No person shall cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminants which would otherwise violate the Rules and Regulations.	1.15 60.12 61.19 63.4(b)
10.	**Bypass of Control Equipment Prohibited** Except as otherwise provided in this permit, the permittee shall not bypass, without prior approval from this Department, any air pollution control device. The permittee shall not shut down any air pollution control device unless such shutdown is accompanied by the corresponding shutdown of the respective source which the device is intended to control.	18.2.4
11.	**Shutdown of Control Equipment** In the case of shutdown of air pollution control equipment for scheduled maintenance, the intent shall be reported to this Department at least 24 hours prior to the planned shutdown unless the scheduled shutdown is accompanied with the shutdown of the source being controlled. The report shall contain the information listed in Section 1.12.1.	1.12.1
12.	**Maintenance of Controls** A. The permittee shall equip each fabric filter particulate matter control device with a pressure differential measuring device to measure the pressure drop across the filter media in the control device. The device shall be installed in a location which is easily accessible for inspection by Department personnel. B. All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in accordance with the manufacturer's specifications or alternative procedures approved by the Department so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to	18.2.4 18.5.3(a)(2)

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	minimize the emissions of air contaminants shall be maintained near the source and provided to the Department upon request. C. The permittee shall conduct routine inspections on all required control equipment. All inspection results and repair work performed on the pollution control device shall be recorded. These records shall be kept in a permanent form suitable for inspection.	
13.	**Nothing in this Operating Permit shall alter or affect the following:** A. The provisions of §303 of the Act (emergency orders), including the authority of the Administrator under that section; B. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance; C. The applicable requirements of the acid rain program, consistent with §408(a) of the Act; or D. The ability of EPA to obtain information from a source pursuant to §114 of the Act.	18.10.3
14.	**Additional Information and Corrected Information** The permittee shall submit any additional information to the Department to supplement or correct an application promptly after becoming aware of the need for additional or corrected information. Also, the permittee shall submit additional information concerning any new requirements which have become applicable after a complete application has been filed but before a draft permit is released. Any change in the information already provided pursuant to 40 CFR 63 shall be provided in writing within 15 calendar days after the change.	18.4.7 63.9(j)
15.	**Display and Availability of Permit** The permittee shall keep this Operating Permit under file or on display at all times at the site where the source is located and shall make the permit available for inspection by any and all persons who may request to see it.	18.2.2
16.	**Payment of Fees** The permittee must have paid all fees required by the Rules and Regulations or the Operating Permit is not valid. Payment of operating permit fees required under Chapter 16 of the Rules and Regulations shall be made on or before the date specified under Section 16.5.1 of the Rules and Regulations of each year. Failure to make payment of fees within 30 days of the specified date shall cause the assessment of a late fee of 3% (of the original fee) per month or fraction thereof.	18.5.11 16.1 16.4 16.5
17.	**Transfer** This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another or from one person to another except as provided in Subparagraph 18.13.1(a)(5) of the Rules and Regulations.	18.2.6
18.	**New Air Pollution Sources and Changes to Existing Units** A new permit application must be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants. For any new source or modification of an existing source subject to 40 CFR 63, the permittee shall submit an application as required by §63.5.	1.5.15 60.7(a)(4) 63.5
19.	**Construction Not In Accordance with Applications** If the source permitted herein has not been constructed in accordance with the Operating Permit application and if the changes noted are of a substantial nature in that the amount of air contaminants emitted by the source may be increased or in that the effect is unknown, then the Operating Permit shall be revoked. No further application for an Operating Permit shall be accepted until the source has been reconstructed in accordance with the Operating Permit or until the permittee has proven to the Department that the change will not cause an increase in the emission of air contaminants.	18.2.8(e)

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20.	**Expiration** A source's right to operate shall terminate upon the expiration of this Operating Permit unless a timely complete renewal application has been submitted at least 6 months, but not more than 18 months before the date of expiration or the Department has taken final action approving the source's application for renewal by the expiration date. The expiration date of this Operating Permit is printed on the first page of this permit.	18.4.3 18.5.2 18.12.2(b)
21.	**Revocation** This Operating Permit may be revoked for any of the following reasons: A. Failure to comply with any conditions of the permit; B. Failure to establish and maintain such records, make such reports, install, use and maintain such monitoring equipment or methods; and sample such emissions in accordance with such methods at such locations, intervals and procedures as may be prescribed in accordance with Section 1.9.2 of the Rules and Regulations; C. Failure to comply with any provisions of any Department administrative order issued concerning the permitted facility; D. Failure to allow entry and inspections by properly identified Department personnel; E. Failure to comply with the Rules and Regulations; or F. For any other cause, after a hearing which establishes, in the judgment of the Department, that continuance of the permit is not consistent with the purpose of the Act or Rules and Regulations.	18.2.9
22.	**Severability** In case of legal challenge to any portion of this Operating Permit, the remainder of the permit conditions shall continue in force.	18.5.5
23.	**Reopening for Cause** Under any of the following circumstances, this Operating Permit will be reopened and revised prior to the expiration of the permit: A. Additional applicable requirements under the Clean Air Act become applicable to the permittee with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirements. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire. B. Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit. C. The Department, ADEM or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. D. The Administrator, ADEM or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.	18.13.5
24.	**Changes or Termination for Cause – No Stay of Permit Conditions** This permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance or termination, or of a notification of a planned change or anticipated noncompliance will not stay any permit condition.	18.5.8
25.	**Requests for Information** The permittee shall furnish to the Department within 30 days, or for such other reasonable time as the Department may set, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance. Upon receiving a specific request, the permittee shall also furnish to the Department copies of records required to be kept by the permit. For information claimed to be confidential, the	18.5.10 70.6(a)(6)(v)

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	permittee may furnish such records directly to the Administrator along with a claim of confidentiality.	
26.	**Entry and Inspections** The permittee shall allow the Department, ADEM, EPA or authorized representative, upon presentation of credentials and other documents that may be required by law, to conduct the following: A. Enter upon the permittee's premises where a source is located or emissions related activity is conducted or where records are kept pursuant to the permit conditions; B. Review and/or copy at reasonable times any records kept pursuant to the permit conditions; C. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices or operations required by the permit; and D. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements. Denial of access upon proper identification is grounds for permit revocation.	1.8 18.7.2 18.2.9(d)
27.	**Flexibility Changes** Certain changes (per §502 (b)(10) of the Act) can be made to this Operating Permit without a revision if no modification as defined in the Rules and Regulations would occur and the changes do not exceed the emissions allowed under this permit provided that written notification is sent to the Department and EPA at least 7 days before the change is made. The written notification shall describe the proposed change, the date of the change, any change in emissions, and any term or condition of the permit which is no longer valid due to the change.	18.13.2
28.	**Minor Permit Modifications** Minor permit modification procedures may be used only for those permit modifications that: A. Do not violate any applicable requirement; B. Do not involve significant changes to existing monitoring, reporting, or record keeping requirements in the permit; C. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis; D. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include: 1. A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the Act; and 2. An alternative emissions limit approved pursuant to regulations promulgated under §112(i)(5) of the Act; E. Are not modifications under any provision of title I of the Act; and F. Are not required by Part 18.12 of this Chapter to be processed as a significant modification. An application requesting the use of minor permit modification procedures shall meet the requirements of Section 18.4.8 relative to the modification and shall include the information listed at Paragraph 18.13.3(b). If the Department notifies the source that the modification does not qualify as a minor modification within 10 days after receiving the application, then the source shall apply for the change as a significant modification. Ten days after the application has been submitted to the Department, the source may make the change for which they applied unless the change does not qualify as a minor modification. After the source makes the change and until the Department takes final action on the permit application, the source must comply with	18.13.3

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	both the applicable requirements governing the change and the proposed permit terms and conditions. During this time period, the source need not comply with the existing permit terms and conditions it seeks to modify. However, if the source fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it. A permit shield granted under Part 18.10 shall not extend to minor permit modifications. The Department may not issue a final permit modification until after EPA's 45-day review period or until EPA has notified the Department that EPA will not object to issuance of the permit modification, whichever is first.	
29.	**Significant Modifications** Modifications that are significant modifications under the new source review permitting provisions of Part 2.4 (Prevention of Significant Deterioration) or Part 2.5 (Nonattainment Areas) regulations, are modifications under the NSPS or NESHAPS regulations, or otherwise do not meet the requirements for minor permit modifications from Section 18.13.3 of the Rules and Regulations must be incorporated in the Operating Permit using the requirements for sources initially applying for an Operating Permit, including those for applications, public participation, review by affected States, review by ADEM, and review by EPA, as described in Parts 18.4 and 18.15 of the Rules and Regulations.	18.13.4
30.	**Off-Permit Changes** Any change which is not addressed or prohibited in the federally enforceable terms and conditions of the permit may be designated by the owner or operator as an off-permit change, and may be made without revision to the federally enforceable terms and conditions of the operating permit, provided that the change: A. Meets all applicable requirements; B. Does not violate any federally enforceable permit term or condition; C. Is not subject to any requirement or standard under title IV of the Clean Air Act; and D. Is not a modification under title I. The permittee must comply with all applicable state permitting and preconstruction review requirements. Any application pertaining to a change designated by the applicant as an off-permit change shall be submitted by the applicant to EPA in fulfillment of the obligation to provide written notice, provided, that no change meeting the criteria for an insignificant activity or trivial activity is subject to the procedures set forth in this condition.	18.14
31.	**Property Rights and Privileges** No property rights of any sort or any exclusive privilege are conveyed through the issuance of this Operating Permit.	18.5.9
32.	**Economic Incentives** No permit revision shall be required under any approved economic incentives, marketable permit emissions trading and other similar programs or processes for changes that are provided for in the Operating Permit.	18.5.12
33.	**Emission Reduction Plan** Upon notification by this Department, the permittee shall submit an Air Pollution Emission Reduction Plan in a format approved by this Department concerning air contaminant emissions reductions to be taken during declared air pollution episodes.	18.2.8(b)
34.	**Obnoxious Odors** This Operating Permit is issued with the condition that should obnoxious odors arising from the plant operations be verified by Department inspectors, measures to abate the odorous emissions shall be taken upon determination by this Department that these measures are technically and economically feasible.	6.2.3
35.	**Title IV Requirements (Acid Rain Program)** Where an applicable requirement of the Rules and Regulations is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act (the	18.5.1(b) 18.5.4

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	acid rain program), both provisions shall be incorporated into the permit and shall be enforceable by the Administrator. Emissions exceeding any allowances that the permittee lawfully holds under title IV of the Act or the regulations promulgated thereunder are prohibited. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the permittee, however, allowances may not be used as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in the regulations promulgated pursuant to Title IV of the Act.	
36.	**Title VI Requirements (Refrigerants)** Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances such as chlorofluorocarbons and hydrochlorofluorocarbons listed as refrigerants in 40 CFR 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR 82, Subpart F. A. No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any such device except as provided in 40 CFR 82, Subpart F. B. The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR §82.166. Reports shall be submitted to the U.S. EPA and the Department as required.	40 CFR 82 18.1.1(e)(10) 18.1.1(w)(4)
37.	**Asbestos Demolition and Renovation** Demolition and renovation activities at this facility are subject to the National Emission Standard for Asbestos, 40 CFR 61, Subpart M. To determine the applicable requirements of the Standard, the permittee must thoroughly inspect the affected part of the facility where the demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II nonfriable asbestos-containing materials, prior to the commencement of the demolition or renovation operation. The permittee shall comply with all applicable sections of the Standard, including notification requirements, emission control and waste disposal procedures. The permittee shall also ensure that anyone performing asbestos-related work at the facility is trained and certified according to the Alabama Department of Environmental Management's regulations for Asbestos Contractor Certification.	40 CFR 61 14.2.12
38.	**Prevention of Accidental Releases** The permittee shall comply with the requirements of §112(r) of the Act and 40 CFR 68 to prevent accidental releases of any substance listed pursuant to §112(r) or any other extremely hazardous substance.	112(r) 40 CFR 68

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39.	**Testing** A source emissions test may be required by this Department at any time. The permittee shall provide each point of emission with sampling ports, ladders, stationary platforms, and other safety equipment to facilitate testing. The permittee shall notify the Department in writing at least 60 days prior to conducting any required emissions test on any source, including but not limited to opacity and visible emission observations. This notice shall state the source to be tested, the proposed time and date(s) of the test, the purpose of the test, and the methods to be used. A site-specific test plan and quality assurance program shall be included for sources subject to NESHAP. The methods for such testing shall be in accordance with methods and procedures established by 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63 and any emissions unit specific permit requirements. Performance testing to demonstrate compliance with an NSPS or NESHAP shall include a test method performance audit as required by §60.8(g), §61.13(e), or §63.7(c)(2)(iii)(A), respectively. The permittee shall submit the results of all emissions tests in written form to this Department within a time period specified by this Department; however, not to exceed 30 days from the test completion date unless a longer period is specified in the applicable subpart.	1.9.1 1.10 18.2.5 18.2.8(c) 60.8(d) 60.8(e) 60.8(g) 61.05(d) 61.13 63.7(a)(3) 63.7(b)-(d) 63.9(e) 63.9(f) 63.10(d) 63.7340(d) 63.7515(f)
40.	**Retention of Records** Records of all required monitoring data, fuel consumption, analyses, reports, safety data sheet (SDS), and other support information shall be retained for a minimum of 5 years from the date when the record was generated. Records must be readily accessible and suitable for inspection. Each record must be kept onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, but may be maintained offsite for the remaining 3 years. Records may be kept in hard copy or electronically. Specific records to be made and retained are listed in the emission unit conditions.	18.5.3(b) 63.10(b)(1) 63.7343
	Facility-Specific General Conditions	
41.	**Fugitive Dust** A. The permittee shall take reasonable precautions to prevent dust from any operation, process, materials handling and storage, transportation activity (including dust from paved and unpaved roads), or construction activity (including but not limited to the use, repair, alteration, and demolition of buildings) at the facility from becoming airborne. B. The permittee shall not cause or allow the discharge of visible emissions which travel beyond the property line of the facility. C. When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance or to violate any rule or regulation, the Health Officer may order that the building or equipment in which processing, handling and storage are done be tightly closed and ventilated in such a way that all air and gases and air or gas-borne material leaving the building or equipment are treated by removal or destruction of air contaminants before discharge to the open air. Airborne fugitive dust emissions shall be prevented and addressed as needed and as appropriate to weather conditions using any or all of the following pre-approved control measures specific to the following sources of fugitive dust: A. Use of vacuum truck, street sweeper or water truck on paved surfaces; B. Use of wet suppression system on unpaved surfaces when conditions are dry and fugitive dust could become airborne and leave property lines; and C. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land.	6.2.1 6.2.2 6.2.3 18.2.4

No.	Federally Enforceable General Permit Conditions	Regulations
	Wet suppression may be accomplished by the application of water with or without the addition of surfactants, wetting agents or other additives to increase the effectiveness of wet suppression. Manufacturer's documentation of the contents of any chemical, surfactant, wetting agent, or other additive used for dust suppression shall be maintained and readily made available upon request by the Department. Other dust control methods not listed above may be used subject to Department approval.	
42.	**General Recordkeeping Requirements** The permittee shall keep records of facility-wide operations, activities and materials which have the potential to release pollutants into the atmosphere in sufficient detail to show compliance with permit conditions and to allow the annual calculation of emissions of regulated pollutants and HAP from each point and fugitive source and activity at the facility. In addition to the records required in the conditions specific to each emission unit, the permittee shall maintain records of the following: A. All reports and notifications submitted to comply with this permit; B. Results of all required performance testing, monitoring and sampling; C. Available EDS, SDS and/or other manufacturer supplied contents information relating to the VOC and HAP contents of materials used at the facility; D. For air filtration devices required by this permit, the date of filter replacement and the characteristics of the replacement filter materials; E. All spills or other mishaps of VOC/HAP materials. The record shall include the date, time, and quantity (gallons or pounds) of VOC/HAP materials spilled, recovered and the amount that evaporated to the atmosphere; and F. Records of required monitoring, including (as a minimum): 1. The date, place as defined in the permit, and time of sampling or measurements; 2. The date(s) analyses were performed; 3. The company or entity that performed the analyses; 4. The analytical techniques or methods used; 5. The results of such analyses; and 6. The operating conditions as existing at the time of sampling or measurement.	1.9.1 18.5.3(b) 18.7.1 70.6(a)(3)(C)
	H. **Annual Emissions Calculation**, due February 10 of each year. The permittee shall maintain the records required in the emission unit conditions. The permittee shall make calculations of the previous year's actual emissions (point and fugitive) of all regulated air pollutants, as defined in Paragraph 18.1.1(w) of the Rules and Regulations, which emanate from the facility. The calculations shall include, but may not be limited to, the following pollutants: PM, PM_{10}, $PM_{2.5}$, SO_2, NO_X, CO, VOCs and HAPs. These calculations shall indicate the emissions from each emissions unit permitted, and emissions from spills, mishaps and other activities not elsewhere included under an emissions unit. Documentation of the basis for the calculations, including but not necessarily limited to emission factors and relevant production data, shall be included. Concurrence with the calculations by the Department shall be the basis for annual emission fees in accordance with Chapter 16 of the Rules and Regulations. Specific reporting requirements include: 1. For combustion turbine T1: a. The hours of operation; and b. The quantity of natural gas combusted. 2. For emergency generators: a. The total hours of operation for each generator; b. The hours of operation of each generator for non-emergency purposes, if the total hours of operation exceed 50 hours per year for the generator. 3. For facility-wide events and activities: a. The volume and type of any VOC/HAP materials which were spilled or leaked, identifying the amount recovered and the amount evaporated to	1.5.15 1.9.2 18.7.1

No.	Federally Enforceable General Permit Conditions	Regulations
	the atmosphere for each spill or leak event, in addition to the time and location of the spill or leak; and b. The number, duration, and emissions of startup, shutdown, leak or malfunction of any equipment which would increase the emission of air pollutants.	
	I. **Annual Title V Compliance Certification:** A compliance certification with terms and conditions contained in the permit, including emissions limitations, standards and work practices, covering the period from June 23rd to June 22nd of the following year, shall be submitted by July 23rd each calendar year. The permittee shall provide a means for monitoring the compliance of its air pollution sources with the emissions limitation, standards and work practices listed or referenced within this permit. The compliance certification shall include the following: 1. The identification of each term or condition of the permit that is the basis of the certification; 2. The emission unit or units to which the term or condition applies; 3. The compliance status; 4. Whether compliance has been continuous or intermittent; 5. The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with the permit's monitoring and recordkeeping requirements; and 6. Such other facts as the Department may require to determine the compliance status of the source.	18.7.5
	J. **Semi-Annual Monitoring and Compliance Report**, due July 30 (covering January, February, March, April, May and June) and January 30 (covering July, August, September, October, November and December of the previous year). Each report must identify the company name, the date of the report, and the beginning and end dates of the reporting period. The report must include, as a minimum: 1. If there are no deviations from any permit condition, a statement that there were no deviations during the reporting period. 2. Any and all instances of deviation from any permit condition during the reporting period must be clearly identified. 3. For 40 CFR 63, Subpart ZZZZ, deviations from an operating limitation or work practice standard.	1.5.15 1.9.2 18.2.4 18.5.3(c)(1) 18.7.1 63.6650(f)
	K. **Compliance Schedule Progress Reports** shall be submitted in accordance with any compliance schedule the permittee is subject to or becomes subject to during the permit term.	18.4.8(h)
	L. **Episodic prompt reporting of malfunctions, deviations, and violations** as follows: 1. Deviations and violations of any permit condition, including but not limited to emission limitations, within 2 working days of the deviation or discovery of a violation at any source of air pollution. The report shall include the probable cause of any deviation and any corrective actions or preventative measures that were taken. Specific reporting requirements include: a. Operation of the natural gas-fired emergency engine under Emissions Unit No. 002 for non-emergency purposes, except as allowed by §63.6640(f), is a deviation that must be reported according to 40 CFR §63.6650. 2. In the event that any emissions source, air pollution control equipment, or related facility fails or breaks down in such a manner as to cause the emissions of air contaminants in violation of this permit, the permittee shall notify the Department within 24 hours of such failure or breakdown and a statement shall be provided giving all pertinent facts, including the estimated	1.12 18.5.3(c)(2) 60.7(b) 63.6650

No.	Federally Enforceable General Permit Conditions	Regulations
	duration of the breakdown. The permittee shall notify the Department when the condition causing failure or breakdown has been corrected, and such source, equipment, or facility is again in operation.	
	M. **Notifications** as follows:	18.2.4
	1. Notification of performance testing as required by §60.8(d) and §60.11(e)(1).	18.7.1 60.7(a)(4) 60.7(a)(5) 60.8(d) 60.11(e)(1)
	2. Any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, as required by §60.7(a)(4).	
	3. Notify the Department in writing within 2 working days of becoming subject to a federal Maximum Achievable Control Technology (MACT) standard pursuant to §112 of the Act (local requirement).	
	N. **Mandatory Greenhouse Gas Reporting (for informational purposes only):** The permittee shall be aware that the facility may be required to report emissions of greenhouse gases directly to EPA under the Mandatory Greenhouse Gas Reporting rules. The reporting threshold is annual greenhouse gas emissions equal to 25,000 metric tons CO_2e, calculated using the methods presented in 40 CFR 98. Mandatory greenhouse gas reporting is made directly to EPA and is not an enforceable requirement of this Title V Major Source Operating Permit. It is the permittee's responsibility to determine whether reporting is required each calendar year.	40 CFR 98

Permit Conditions for Stationary Combustion Turbine

Emissions Unit No.	Emissions Unit Description
001	Natural Gas-Fired Combustion Turbine T1, Solar Turbines Centaur 40-4700, 4700 HP, 47.6 MMBtu (HHV)/hr at Peak Load

No.	Federally Enforceable Conditions for Stationary Combustion Turbine	Regulation
1.	**Applicability** The stationary combustion turbine (T1) is subject to Part 6.1, "Visible Emissions," Part 6.3, "Fuel Burning Equipment," and Part 7.1, "Fuel Combustion," of the Rules and Regulations. T1 is also subject to 40 CFR 60, Subpart KKKK, "Standards of Performance for Stationary Combustion Turbines."	6.1 6.3 7.1 60.4305
2.	**Reconstruction or Modification** If the combustion turbine is modified or reconstructed, it could become subject to 40 CFR 60, Subpart KKKKa, "Standards of Performance for Stationary Combustion Turbines." The permittee shall notify the Department prior to any reconstruction or modification of the turbine, identifying any applicable requirements which are triggered by the change to allow the Department to determine if reopening or revision of the permit is required.	18.2.4 18.5.3 60.4305(c) 60.4300a 60.4305a(a)
3.	**NSPS General Duty** The permittee must 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 malfunction.	60.4333(a)
4.	**Fuel Combustion (SIP Requirements)** The permittee shall not cause or permit the operation of a fuel burning installation in such a manner that emissions of pollutants exceed the following limits: A. For sulfur oxides, measured as SO_2, 1.8 lb per MMBtu heat input; and B. For particulate matter, in excess of the amount of in Table 6-1 for the heat input allocated to such source, or as interpolated based on the following equation: $$E = 1.38H^{-0.44}$$ where: E = Emissions in lb per MMBtu heat input; and H = Heat input in MMBtu per hour. Records demonstrating that only natural gas is combusted shall indicate compliance with this provision. The records required by Condition No. 7 shall also demonstrate compliance with the SO_2 limit.	6.3 7.1.1 18.5.3
5.	**Visible Emissions (SIP Requirement)** The permittee shall not discharge into the atmosphere from any source of emission any particulate of an opacity greater than 20%, as determined by a 6-minute average using EPA Method 9 of 40 CFR 60, Appendix A, except that during (1) 6-minute period in any 60-minute period, particulate may be discharged of an opacity not greater than 40%. Records demonstrating that only natural gas is combusted shall indicate compliance with this provision.	6.1.1 18.5.3
6.	**NO_X Emissions Limit (NSPS)** A. The permittee shall not allow the emissions of NO_X to exceed 150 ppm at 15% O_2 or 1,100 ng/L of useful output (8.7 lb/MWh). B. Compliance shall be determined by performance testing in accordance with §60.4400 and General Condition 39. 1. Annual performance testing shall be performed no more than 14 calendar months following the previous performance test, except as allowed by §60.4340(a)(2) and (3). 2. If the NO_X emission result from the performance test is less than or equal to 75% of the NO_X emission limit for the turbine, the frequency of subsequent	60.4320 Table 1 of Subpart KKKK 60.4340(a)(1) 60.4340(a)(2) 60.4340(a)(3) 60.4400

No.	Federally Enforceable Conditions for Stationary Combustion Turbine	Regulation
	performance testing may be reduced to once every 2 years (no more than 26 calendar months following the previous performance test). 3. If the results of any subsequent performance test exceed 75% of the NO_X emission limit for the turbine, annual performance testing shall be resumed.	
7.	**<u>SO_2 Emissions Limit (NSPS)</u>** A. The permittee shall combust natural gas which contains total potential sulfur emissions in excess of 26 ng SO_2/J (0.060 lb SO_2/MMBtu) heat input. B. The permittee shall demonstrate the fuel quality characteristics using a current, valid purchase contract, tariff sheet or transportation contract for the natural gas, specifying that the total sulfur content is 20 grains of sulfur or less per 100 standard cubic feet and that the potential sulfur emissions from combustion of the natural gas is less than less than 26 ng SO_2/J (0.060 lb SO_2/MMBtu) heat input.	18.5.3 60.4330(a)(2) 60.4365(a)
8.	**<u>Recordkeeping and Reporting Requirements</u>** The permittee shall maintain, as a minimum, the following records and submit the following reports to serve as a basis for annual production data reporting and emissions calculations and for demonstrating compliance with the applicable requirements: A. For annual production data reporting and emissions calculations: 1. The hours of operation; 2. The number, duration, and emissions of startups, shutdowns, and malfunctions; and 3. The type and quantity of fuel combusted. B. For 40 CFR 60, Subpart KKKK: 1. Notifications of performance tests, according to §60.8. 2. Current valid purchase contract, tariff sheet, or transportation contract for the natural gas, as required by Condition No. 7. 3. Performance test results. Electronic reporting requirements for Subpart KKKK are contained in §60.4375(e) through (j). All reports required under §60.7(c) must be electronically submitted via CEDRI by the 30th day following the end of each 6-month period.	1.5.15 1.9.2 18.5.3 60.4375(b) 60.4375(e) 60.4375(f) 60.4375(g) 60.4375(h) 60.4375(i) 60.4375(j) 60.4395

Permit Conditions for Emergency Generators

Emissions Unit No. 002			
Equipment Description	**Manufacturer**	**Model**	**Date Installed**
237-hp Diesel Fire Pump Engine	Clarke	ju6h-ufad88	2016
466-hp Natural Gas Generator	Caterpillar	G3408	2001

No.	Permit Conditions for Emergency Generators	Regulation
1.	**Applicability** The emergency generators are subject to Part 6.1, "Visible Emissions," Part 6.3, "Fuel Burning Equipment," and Part 7.1, "Fuel Combustion," of the Rules and Regulations at all times. The emergency generators are also subject to 40 CFR 63, Subpart ZZZZ, "National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines." The fire pump engine is also subject to 40 CFR 60, Subpart IIII, "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines." For the fire pump engine, compliance with NESHAP Subpart ZZZZ is satisfied by compliance with NSPS Subpart IIII.	6.1 6.3 7.1 63.6585 63.6590 60.4200(a)
2.	**Reconstruction or Modification** If the 466-hp natural gas generator is reconstructed or modified, it could become subject to 40 CFR 60, Subpart JJJJ, "Standards of Performance for Stationary Spark Ignition Internal Combustion Engines." The permittee shall notify the Department prior to any reconstruction or modification of the natural gas generator, identifying any applicable requirements which are triggered by the change to allow the Department to determine if reopening or revision of the permit is required.	18.2.4 18.5.3 60.4230(a)(4)
3.	**Fuel Combustion** The permittee shall not cause or permit the operation of a fuel burning installation in such a manner that emissions of pollutants exceed the following limits: A. For sulfur oxides, measured as SO_2, 1.8 lb per MMBTU heat input; and B. For particulate matter, in excess of the amount of in Table 6-1 for the heat input allocated to such source, or as interpolated based on the following equation: $$E = 1.38H^{-0.44}$$ where: E = Emissions in lb per MMBtu heat input; and H = Heat input in MMBtu per hour. Records of the combustion of natural gas or diesel fuel, as appropriate to the design of the engine, shall indicate compliance with this provision.	6.3 7.1.1 18.5.3
4.	**Visible Emissions** The permittee shall not discharge into the atmosphere from any source of emission any particulate of an opacity greater than 20%, as determined by a 6-minute average using EPA Method 9 of 40 CFR 60, Appendix A, except that during (1) 6-minute period in any 60-minute period, particulate of an opacity may be discharged not greater than 40% opacity.	6.1.1
5.	**Visible Emissions Observations** If the period of operation of an engine exceeds the time needed to startup the engine and achieve safe loading and normal operation (a maximum of 30 minutes), the exhaust shall be visually observed for the presence of visible emissions. It is not necessary to quantify the opacity of the visible emissions during normal operation if the cause of any amount of visible emissions is promptly investigated and corrected. The effectiveness of corrective actions shall be demonstrated by follow-up a visual observation at the completion of repairs and not later than the next operation of the engine. If visible emissions are not corrected, a certified observer shall complete a Visible Emissions Evaluation consistent with EPA Method 9 of 40 CFR 60, Appendix A, within 3 working days to establish compliance with Section 6.1.	18.2.4 18.5.3

No.	Permit Conditions for Emergency Generators	Regulation
6.	**<u>Restrictions on Non-Emergency Use</u>** There is no time limit on the use of emergency stationary RICE in emergency situations. The permittee shall comply with the following restrictions on non-emergency use: A. Maintenance checks and readiness testing is limited to a maximum of 100 hours per year as specified in §63.6640(f)(2)(i) or §60.4211(f)(2)(i) (as applicable); and B. Up to 50 hours per year of non-emergency use as allowed by §63.6640(f)(4) or §60.4211(f)(3) (as applicable). All hours of operation in non-emergency situations are also counted as part of the 100 hours per year for maintenance and testing. Any engine that does not comply with the non-emergency use restrictions shall comply with the requirements for non-emergency engines under the applicable subpart(s) and the permittee shall notify the Department of any change in engine classification.	63.6675 63.6640(f) 60.4219 60.4211(f) 18.2.4 18.5.3
7.	**<u>Requirements for Natural Gas Emergency Generator</u>** The permittee must operate and maintain the affected source in a manner consistent with safety and good air pollution control practices for minimizing emissions. These listed requirements apply at all times: A. Install and operate a non-resettable hour meter; B. Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. C. Perform the following maintenance (operating limitations): 1. Change the oil and filter every 500 hours of operation or annually, whichever comes first, or utilize an oil analysis program as described in §63.6625(j) to extend the specified oil change requirement; 2. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and 3. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. D. Perform the following management practices (operating limitations): 1. Operate and maintain the engine according to the manufacturer's emission-related operation and maintenance instructions; or 2. Develop and follow a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.	63.6603(a) 63.6605 63.6625(f) 63.6625(h) 63.6640(a) 63.6625(e) 63.6640(b) Tables 2d & 6 of 40 CFR 63, Subpart ZZZZ
8.	**<u>Requirements for Diesel Fire Pump Engine</u>** The permittee shall meet the following requirements over the entire life of the engine: A. Install and operate a non-resettable hour meter; B. Use diesel fuel that meets the requirements of 40 CFR §80.510(b) for nonroad diesel fuel. C. Purchase an engine certified by the manufacturer to the following emission limits: 1. 4.0 g/KW-hr (3.0 g/HP-hr) of NMHC + NO_X; 2. 3.5 g/KW-hr (2.6 g/HP-hr) of CO; and 3. 0.20 g/KW-hr (0.15 g/HP-hr) of PM. D. Install and configure the engine according to the manufacturer's emission-related specifications. E. Perform the following management practices: 1. Operate and maintain the engine (and control device, if any) according the to manufacturer's emission-related written instructions; and 2. Change only those emission-related settings that are permitted by the manufacturer. F. If Items C, D and/or E above are not met, demonstrate compliance as follows: 1. Keep a maintenance plan and records of conducted maintenance. 2. To the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.	60.4206 60.4209(a) 60.4207(b) 60.4205(c) 60.4211(a) 60.4211(c) 60.4211(g)(2) 60.4214(c) Table 4 of Subpart IIII

No.	Permit Conditions for Emergency Generators	Regulation
	3. Conduct an initial performance test according to the requirements of §60.4212 to demonstrate compliance with the applicable emission limits within 1 year of the date when Items D and/or E are not met.	
9.	**<u>Recordkeeping for All RICE</u>** The permittee shall maintain the following records: A. Hours of operation for each engine as recorded through the non-resettable hour meter and the reason the engine was operated; B. Documentation of how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation; C. The time, date, and duration of each malfunction of the engine or any installed control device and the actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning equipment to its normal or usual manner of operation; D. Time, date, name of person performing each inspection; E. Time, date, name of observer for visible emissions observations; F. Time, date, and name of person(s) performing maintenance, corrective actions and repairs; G. Records for required maintenance should indicate that the activity was performed to comply with the manufacturer's written instructions or the requirements of the maintenance plan(s); and H. A copy of each report submitted to comply with Subpart ZZZZ and/or Subpart IIII.	1.9.1 18.2.4 18.5.3 63.6655 60.4214(b)

Appendix A: Cross-References Table: JCBH Air Pollution Control Rules and Regulations to State Implementation Plan

The citations to Alabama regulations provided below refer to the version of the regulation that has been approved by the U.S. EPA as part of Alabama's Clean Air Act state implementation plan (SIP), as identified in 40 CFR 52, Subpart B. In the event that there is a discrepancy between the information provided in the table below and the federal regulatory table identifying the Alabama SIP at 40 CFR 52, Subpart B, the federal regulatory table governs.

JCDH Citation	State Citation	Title/Subject
	Chapter No. 335-1-1	**Organization**
No equivalent provision	Section 335-1-1-.03[1]	Organization and Duties of the Commission
No equivalent provision	Section 335-1-1-.04	Organization of the Department
Chapter 1	**Chapter No. 335-3-1**	**General Provisions**
Part 1.1	Section 335-3-1-.01	Purpose
Part 1.3	Section 335-3-1-.02	Definitions
Part 1.7	Section 335-3-1-.03	Ambient Air Quality Standards
Part 1.9	Section 335-3-1-.04	Monitoring, Records, and Reporting
Part 1.10	Section 335-3-1-.05	Sampling and Test Methods
Part 1.11	Section 335-3-1-.06	Compliance Schedule
Part 1.12	Section 335-3-1-.07	Maintenance and Malfunctioning of Equipment; Reporting
Part 1.13	Section 335-3-1-.08	Prohibition of Air Pollution
Sections 3.2.1 – 3.2.4 & Part 3.4	Section 335-3-1-.09	Variances
Part 1.15	Section 335-3-1-.10	Circumvention
Part 1.16	Section 335-3-1-.11	Severability
Part 1.17	Section 335-3-1-.12	Bubble Provision
Part 1.18	Section 335-3-1-.13	Credible Evidence
Part 1.20	Section 335-3-1-.15	Emissions Inventory Reporting Requirements
Chapter 2	**Chapter No. 335-3-14**	**Air Permits**
Part 2.1	Section 335-3-14-.01	General Provisions
Part 2.2, except 2.2.4(h)	Section 335-3-14-.02[2]	Permit Procedures
Part 2.3	Section 335-3-14-.03[3]	Standards for Granting Permits
Part 2.4	Section 335-3-14-.04[4,5,6]	Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration (PSD)]
Part 2.5	Section 335-3-14-.05[7]	Air Permits Authorizing Construction in or Near Nonattainment Areas
Chapter 4	**Chapter No. 335-3-2**	**Air Pollution Emergency**
Part 4.1	Section 335-3-2-.01	Air Pollution Emergency
Part 4.3	Section 335-3-2-.02	Episode Criteria
Part 4.4	Section 335-3-2-.03	Special Episode Criteria
Part 4.5	Section 335-3-2-.04	Emission Reduction Plans
Part 4.6	Section 335-3-2-.05	Two Contaminant Episode

[1] Exceptions to approval: ADEM amendments effective on December 7, 2018 have not been approved in the SIP by EPA.
[2] Exceptions to approval: ADEM amendments effective on September 7, 2000 and July 11, 2006 have not been approved in the SIP by EPA.
[3] Exceptions to approval of the state effective rule on February 12, 2024: Except for paragraph 335–3–14–.03(1)(h) which was approved on 9/26/2012 with a state effective date of 5/23/ 2011.
[4] Exceptions to approval as of the state effective rule on February 12, 2024: Except for changes to 335-3-14-.04(2)(w)1., state effective July 11, 2006, which lists a 100 ton per year significant net emissions increase for regulated NSR pollutants not otherwise specified at 335-3-14-.04(2)(w).
[5] Exceptions to approval as of the state effective rule on February 12, 2024: Except for the significant impact levels at 335-3-14-.04(10)(b).
[6] Exceptions to approval as of the state effective rule on February 12, 2024: Except for the second and third sentences of paragraph 335-3-14-.04(2)(bbb)2., as well as the second and fourth sentences of paragraph 335-3-14-.04(2)(bbb)3., which include changes from the vacated federal ERP rule.
[7] Exceptions to approval as of the state effective rule on February 12, 2024: Except for the portion of 335–3–14–.05(1)(k)20 stating ''excluding ethanol production facilities that produce ethanol by natural fermentation''; and 335–3–14–.05(2)(c)3 (addressing fugitive emission increases and decreases). Except for 335–3–14–.05(1)(h) (the actual-to-potential test for projects that only involve existing emissions units); the last sentence at 335–3–14–.05(3)(g), stating ''Interpollutant offsets shall be determined based upon the following ratios''; and the NNSR interpollutant ratios at 335–3–14– .05(3)(g)1–4.

JCDH Citation	State Citation	Title/Subject
Part 4.7	Section 335-3-2-.06	General Episodes
Part 4.8	Section 335-3-2-.07	Local Episodes
Part 4.9	Section 335-3-2-.08	Other Sources
Section 4.2.3	Section 335-3-2-.09	Other Authority Not Affected
Chapter 5	**Chapter No. 335-3-3**	**Control of Open Burning and Incineration**
Sections 5.1.1 – 5.1.5[8]	Section 335-3-3-.01	Open Burning
Part 5.2	Section 335-3-3-.02[9]	Incinerators
Part 5.3[10], except 5.3.4	Section 335-3-3-.03	Incineration of Wood, Peanut, and Cotton Ginning Waste
Chapter 6	**Chapter No. 335-3-4**	**Control of Particulate Emissions**
Part 6.1[11]	Section 335-3-4-.01	Visible Emissions
Part 6.2	Section 335-3-4-.02[12]	Fugitive Dust and Fugitive Emissions
Part 6.3	Section 335-3-4-.03	Fuel Burning Equipment
Part 6.4	Section 335-3-4-.04	Process Industries—General
Part 6.5[13]	Section 335-3-4-.05[14]	Small Foundry Cupola
Part 6.6[15]	Section 335-3-4-.06	Cotton Gins
Part 6.7	Section 335-3-4-.07	Kraft Pulp Mills
Part 6.8	Section 335-3-4-.08	Wood Waste Boilers
Part 6.9	Section 335-3-4-.09	Coke Ovens
No equivalent provision	Section 335-3-4-.10	Primary Aluminum Plants
Part 6.10	Section 335-3-4-.11	Cement Plants
Part 6.12	Section 335-3-4-.12	Xylene Oxidation Process
No equivalent provision	Section 335-3-4-.13[16]	Sintering Plants
No equivalent provision	Section 335-3-4-.14	Grain Elevators
No equivalent provision	Section 335-3-4-.15	Secondary Lead Smelters
No equivalent provision	Section 335-3-4-.17	Steel Mills Located in Etowah County
Chapter 7	**Chapter No. 335-3-5**	**Control of Sulfur Compound Emissions**
Part 7.1	Section 335-3-5-.01	Fuel Combustions
Part 7.2 is not equivalent	Section 335-3-5-.02	Sulfuric Acid Plants
No equivalent provision	Section 335-3-5-.03	Petroleum Production
No equivalent provision	Section 335-3-5-.04	Kraft Pulp Mills
No equivalent provision	Section 335-3-5-.05	Process Industries—General
Part 7.6	Sections 335-3-5-.06 through 335-3-5-.36	TR SO_2 Trading Program
Chapter 8	**Chapter No. 335-3-6**	**Control of Organic Emissions**
Part 8.1[17]	Section 335-3-6-.24	Applicability
Part 8.2	Section 335-3-6-.25	VOC Water Separation
Part 8.3	Section 335-3-6-.26[18],	Loading and Storage of VOC
Part 8.4	Section 335-3-6-.27	Fixed-Roof Petroleum Liquid Storage Vessels
Part 8.5	Section 335-3-6-.28	Bulk Gasoline Plants

[8] See also Guidelines & Standard Operating Procedures for Issuance of Open Burning Authorizations at the end of Chapter 5. ADEM 335-3-3-.01(2)(b)(6) also prohibits open burning during declared air stagnation advisories and drought emergencies.
[9] Amendments to 335-3-3-.02 effective September 19, 1991 have not been approved into the SIP by EPA.
[10] JCDH has no equivalent for ADEM 335-3-3-.03(5), which states "Each incinerator subject to this Rule shall be properly designed, equipped, and maintained for its maximum rated burning capacity and shall be equipped with an underfire forced air system, an over-fire air recirculation secondary construction system, and variable control damper, all of which shall be electronically controlled to insure the optimum temperature range for the complete combustion of the amount and type of material waste being charged into the incinerator. Each such incinerator shall be equipped with a temperature recorder which shall be operated continuously with the incinerator, and the temperature records shall be made available for inspection at the request of the Director."
[11] ADEM has no equivalent to Section 6.1.8.
[12] ADEM 335-3-4-.02(4) was removed effective July 15, 1999, however, the provision is still included in the EPA-approved SIP.
[13] All allowable emissions rates in Table 6-3 should be construed to have 2 significant figures, consistent with ADEM 335-3-4-.05, Table 4-3.
[14] Exceptions to approval: Changes to Section 335-3-4-.05 with state effective date November 21, 1996.
[15] All allowable emissions rates in Table 6-4 should be construed to have 1 significant figure, consistent with ADEM 335-3-4-.06, Table 4-4.
[16] ADEM has removed and reserved this section, however it remains listed in the EPA approved SIP. See 40 CFR 52.50(c).
[17] The definition of "low-use coating" at ADEM 335-3-6-.24(2)(d) is located at JCDH Part 1.3.
[18] Amendments to 335-3-6-.26 effective September 21, 1989 and July 31, 1991 have not been approved into the SIP by EPA. The EPA-approved SIP requires a disposal system in conjunction with equipment required by ADEM 335-3-6-.26(2)(c)1.(i) (JCDH 8.3.2(c)(1)(i)).

JCDH Citation	State Citation	Title/Subject
Part 8.6	Section 335-3-6-.29	Gasoline Terminals
Part 8.7, except 8.7.4(b) & 8.7.5(e)	Section 335-3-6-.30	Gasoline Dispensing Facilities Stage 1
No equivalent provision	Section 335-3-6-.31[19]	Petroleum Refinery Sources
Part 8.11	Section 335-3-6-.32	Surface Coating
Part 8.12	Section 335-3-6-.33	Solvent Metal Cleaning
Part 8.13	Section 335-3-6-.34	Cutback and Emulsified Asphalt
No equivalent provision	Section 335-3-6-.35[20]	Petition for Alternative Controls
Part 8.15	Section 335-3-6-.36	Compliances Schedules
Part 8.16[21]	Section 335-3-6-.37	Test Methods and Procedures
No equivalent provision	Section 335-3-6-.38	Reserved
Part 8.18	Section 335-3-6-.39	Manufacture of Synthesized Pharmaceutical Products
Part 8.20, except 8.20.8	Section 335-3-6-.41	Leaks from Gasoline Tank Trucks and Vapor Collection Systems
No equivalent provision	Section 335.3.6-.42	Reserved
Part 8.22	Section 335-3-6-.43	Graphic Arts
Part 8.23	Section 335-3-6-.44	Petroleum Liquid Storage in External Floating Roof Tanks
Part 8.24	Section 335-3-6-.45	Large Petroleum Dry Cleaners
No equivalent provision	Section 335-3-6-.46	Reserved
Part 8.26	Section 335-3-6-.47	Leaks from Coke by-Product Recovery Plant Equipment
Part 8.27	Section 335-3-6-.48	Emissions from Coke by-Product Recovery Plant Coke Oven Gas Bleeder
Part 8.28	Section 335-3-6-.49	Manufacture of Laminated Countertops
Part 8.29	Section 335-3-6-.50	Paint Manufacture
Part 8.32[22]	Section 335-3-6-.53	List of EPA Approved and Equivalent Test Methods and Procedures for the Purpose of Determining VOC Emissions
Chapter 9	**Chapter No. 335-3-7**	**Control of Carbon Monoxide Emissions**
Part 9.1	Section 335-3-7-.01	Metals Productions
Part 9.2	Section 335-3-7-.02	Petroleum Processes
Chapter 10	**Chapter No. 335-3-8**	**Control of Nitrogen Oxides Emissions**
Part 10.1	Section 335-3-8-.01	Standards for Portland Cement Kilns
Part 10.2	Section 335-3-8-.02	Nitric Acid Manufacturing
Part 10.3	Section 335-3-8-.03	NO_X Emissions from Electric Utility Generating Units
Part 10.4	Section 335-3-8-.04	Standards for Stationary Reciprocating Internal Combustion Engines
Part 10.5	Section 335-3-8-.05	New Combustion Sources
Part 10.7	Sections 335-3-8-.07 through 335-3-8-.38	TR NO_X Annual Trading Program
Part 10.8	Sections 335-3-8-.39 through 335-3-8-.70	TR NO_X Ozone Season Trading Program
Part 10.9	Sections 335-3-8-.71 & 335-3-8-.72	NO_X Budget Program
Chapter 11	**Chapter No. 335-3-9**	**Control of Emissions from Motor Vehicles**
Part 11.1	Section 335-3-9-.01	Visible Emission Restriction for Motor Vehicles
Part 11.2	Section 335-3-9-.02	Ignition System and Engine Speed
Part 11.3	Section 335-3-9-.03	Crankcase Ventilation Systems
Part 11.4	Section 335-3-9-.04	Exhaust Emission Control Systems
Part 11.5	Section 335-3-9-.05	Evaporative Loss Control Systems
Part 11.6	Section 335-3-9-.06	Other Prohibited Acts
Part 11.7	Section 335-3-9-.07	Effective Date

[19] ADEM has removed and reserved this section, however it remains listed in the EPA approved SIP. See 40 CFR 52.50(c).
[20] Amendments to 335-3-6-.35 effective July 31, 1991 have not been approved into the SIP by EPA.
[21] Federally enforceable testing provisions for perchloroethylene dry cleaning systems are located at ADEM 335-3-6-.37(5) and federally enforceable testing provisions for capture efficiency for VOC capture and control systems are located at ADEM 335-3-6-.37(13). JCDH 8.16.5 is reserved, and JCDH 8.16.13 is very brief.
[22] Test Methods 204, 204A-204F are not included in the EPA-approved SIP.

JCDH Citation	State Citation	Title/Subject
No equivalent provision	**Chapter No. 335-3-12**[23]	Continuous Monitoring Requirements for Existing Sources
No equivalent provision	**Chapter No. 335-3-13**	Control of Fluoride Emissions
Chapter 17	**Chapter No. 335-3-15**	**Synthetic Minor Operating Permits**
Part 17.1	Section 335-3-15-.01	Definitions
Part 17.2, except 17.2.8(h)(7)	Section 335-3-15-.02	General Provisions
Part 17.3	Section 335-3-15-.03	Applicability
Part 17.4[24]	Section 335-3-15-.04[25]	Synthetic Minor Operating Permit Requirements
Part 17.5, except 17.5.2	Section 335-3-15-.05	Public Participation
Chapter 19	**Chapter No. 335-3-17**	**Conformity of Federal Actions to State Implementation Plans**
Part 19.1	Section 335-3-17-.01[26]	Transportation Conformity
Part 19.2	Section 335-3-17-.02[27]	General Conformity

[23] Amendments to 335-3-12-.02 effective September 7, 2000 have not been approved into the SIP by EPA.
[24] The federally enforceable provisions of ADEM 335-3-15-.04(3)(c) are located at JCDH 2.1.7(a). JCDH Part 17.4 does not include the federally enforceable provisions of ADEM 335-3-15-.04(1)(g).
[25] Exceptions to approval: Changes to Section 335-3-15-.04 with state effective dates February 12, 2024 and October 13, 2025.
[26] Amendments to 335-3-17-.01 effective February 12, 2024 have not been approved into the SIP by EPA.
[27] Amendments to 335-3-17-.02 effective February 12, 2024 have not been approved into the SIP by EPA.