

STATE OF MISSISSIPPI AIR POLLUTION CONTROL PERMIT

TO CONSTRUCT AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Amazon Data Services Inc, Madison Mega Site
Nissan Parkway and Highway 22
Canton, Mississippi
Madison County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: _____

Permit No.: 1720-00098

SECTION 1. GENERAL CONDITIONS

- 1.1 This permit is for air pollution control purposes only.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)
- 1.1 Any activities not identified in the application are not authorized by this permit.
(Ref.: Miss. Code Ann. 49-17-29(1)(b))
- 1.2 The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for operating without a valid permit pursuant to State Law.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)
- 1.3 It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(6).)
- 1.4 The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)
- 1.5 It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit, unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(a).)
- 1.6 The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(b).)
- 1.7 The permit does not convey any property rights of any sort, or any exclusive privilege.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)
- 1.8 The permittee shall furnish to the Department of Environmental Quality (DEQ) within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to

determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(d).)

- 1.9 *Design and Construction Requirements:* The stationary source shall be designed and constructed so as to operate without causing a violation of an Applicable Rules and Regulations, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A(1)-(3).)

- 1.10 The necessary facilities shall be constructed to prevent any wastes or other products or substances to be placed in a location where they are likely to cause pollution of the air or waters of the State without the proper environmental permits.

(Ref.: Miss. Code Ann. 49-17-29(1) and (2))

- 1.11 *Fugitive Dust Emissions from Construction Activities:* The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A(4).)

- 1.12 *General Nuisances:* The permittee shall not cause, permit, or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.

(a) The permittee shall not cause or permit the handling, transporting, or storage of any material in a manner which allows or may allow unnecessary amounts of particulate matter to become airborne.

(b) 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 to property other than that from which it originated or to violate any other provision of 11 Miss. Admin. Code Pt. 2, Ch. 1, the Commission may order such corrected in a way that all air and gases or air and gasborne material leaving the building or equipment are controlled or removed prior to discharge to the open air.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.C.)

1.13 *Right of Entry:* The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their representatives upon presentation of credentials:

- (a) To enter at reasonable times upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- (b) To have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air contaminants or waste waters, fuel, process material, or other material which affects or may affect emission of air contaminants from any source.

(Ref.: Miss. Code Ann. 49-17-21)

1.14 *Permit Modification or Revocation:* After notice and opportunity for a hearing, the Permit Board may modify the permit or revoke it in whole or in part for good cause shown including, but not limited to:

- (a) Persistent violation of any of the terms or conditions of this permit;
- (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- (c) A change in federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.C.)

1.15 *Public Record and Confidential Information:* Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality, Office of Pollution Control.

(Ref.: Miss. Code Ann. 49-17-39)

1.16 *Permit Transfer:* This permit shall not be transferred except upon approval of the Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B.)

1.17 *Severability:* The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(7).)

- 1.18 *Permit Expiration:* The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance, if construction is suspended for eighteen (18) months or more, or if construction is not completed within a reasonable time. The DEQ may extend the 18-month period upon a satisfactory showing that an extension is justified.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(1)., R. 2.5.C(4)., and R. 5.2.)
- 1.19 *Certification of Construction:* A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(3).)
- 1.20 *Beginning Operation:* After certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by 11 Miss. Admin. Code Pt. 2, R. 2.13.G.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).)
- 1.21 *Application for a Permit to Operate:* The application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).)
- 1.22 *Operating Under a Permit to Construct:* Upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).)
- 1.23 Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, and shutdowns.
- (a) Upsets (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) For an upset, the Commission may pursue an enforcement action for noncompliance with an emission standard or other requirement of an applicable rule, regulation, or permit. In determining whether to pursue enforcement action, and/or the appropriate enforcement action to take, the Commission may consider whether the source has demonstrated through

properly signed contemporaneous operating logs or other relevant evidence the following:

- (i) An upset occurred and that the source can identify the cause(s) of the upset;
 - (ii) The source was at the time being properly operated;
 - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
 - (iv) That within five (5) working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other noncompliance, and the corrective actions taken and;
 - (v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification to the Department.
- (2) In any enforcement proceeding by the Commission, the source seeking to establish the occurrence of an upset has the burden of proof.
 - (3) This provision is in addition to any upset provision contained in any applicable requirement.
 - (4) These upset provisions apply only to enforcement actions by the Commission and are not intended to prohibit EPA or third party enforcement actions.
- (b) Startups and Shutdowns (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) Startups and shutdowns are part of normal source operation. Emission limitations apply during startups and shutdowns unless source specific emission limitations or work practice standards for startups and shutdowns are defined by an applicable rule, regulation, or permit.
 - (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).

- (3) Where an upset, as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2., occurs during startup or shutdown, see the upset requirements above.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

1.24 *General Duty:* All air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

1.25 *Compliance Testing:* Regarding compliance testing:

- (a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.
- (b) Compliance testing will be performed at the expense of the permittee.
- (c) Each emission sampling and analysis report shall include but not be limited to the following:
 - (1) detailed description of testing procedures;
 - (2) sample calculation(s);
 - (3) results; and
 - (4) comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B(3), (4), and (6).)

SECTION 2. EMISSION POINT DESCRIPTION

The permittee is authorized to construct and operate, upon certification of construction, air emissions equipment, as described in the following table.

Emission Point	Facility Ref	Description
AA-000	CEG 1-312	Critical Emergency Backup Electrical Power Generators
AA-001	CEG 1	4,043 HP Caterpillar 3516E Compression Ignition (CI) diesel-fired Tier-2 certified emergency generator engine (for 2,750 Kilowatt (kW) Genset), equipped with a selective catalytic reduction (SCR) unit, diesel oxidation catalyst (DOC), and diesel particulate filter (DPF) to meet Tier 4 equivalent emission limits.
AA-002	CEG 2	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-003	CEG 3	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-004	CEG 4	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-005	CEG 5	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-006	CEG 6	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-007	CEG 7	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-008	CEG 8	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-009	CEG 9	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-010	CEG 10	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-011	CEG 11	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-012	CEG 12	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-013	CEG 13	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-014	CEG 14	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-015	CEG 15	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-016	CEG 16	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-017	CEG 17	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-018	CEG 18	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-019	CEG 19	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-020	CEG 20	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-021	CEG 21	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-022	CEG 22	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-023	CEG 23	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-024	CEG 24	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-025	CEG 25	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-026	CEG 26	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-027	CEG 27	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-028	CEG 28	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-029	CEG 29	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-030	CEG 30	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-031	CEG 31	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-032	CEG 32	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-033	CEG 33	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-034	CEG 34	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-035	CEG 35	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-036	CEG 36	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-037	CEG 37	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-038	CEG 38	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-039	CEG 39	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-040	CEG 40	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-041	CEG 41	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-042	CEG 42	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-043	CEG 43	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-044	CEG 44	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-045	CEG 45	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-046	CEG 46	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-047	CEG 47	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-048	CEG 48	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-049	CEG 49	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-050	CEG 50	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

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		equivalent emission limits.
AA-051	CEG 51	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-052	CEG 52	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-053	CEG 53	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-054	CEG 54	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-055	CEG 55	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-056	CEG 56	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-057	CEG 57	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-058	CEG 58	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-059	CEG 59	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-060	CEG 60	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-061	CEG 61	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-062	CEG 62	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-063	CEG 63	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-064	CEG 64	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-065	CEG 65	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-066	CEG 66	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-067	CEG 67	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-068	CEG 68	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-069	CEG 69	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-070	CEG 70	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-071	CEG 71	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-072	CEG 72	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-073	CEG 73	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-074	CEG 74	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-075	CEG 75	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-076	CEG 76	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-077	CEG 77	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-078	CEG 78	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-079	CEG 79	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-080	CEG 80	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-081	CEG 81	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-082	CEG 82	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-083	CEG 83	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-084	CEG 84	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-085	CEG 85	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-086	CEG 86	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-087	CEG 87	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-088	CEG 88	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-089	CEG 89	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-090	CEG 90	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-091	CEG 91	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-092	CEG 92	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-093	CEG 93	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-094	CEG 94	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-095	CEG 95	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-096	CEG 96	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-097	CEG 97	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-098	CEG 98	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-099	CEG 99	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-100	CEG 100	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-101	CEG 101	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-102	CEG 102	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
AA-103	CEG 103	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-104	CEG 104	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-105	CEG 105	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-106	CEG 106	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-107	CEG 107	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-108	CEG 108	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-109	CEG 109	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-110	CEG 110	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-111	CEG 111	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-112	CEG 112	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-113	CEG 113	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-114	CEG 114	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-115	CEG 115	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-116	CEG 116	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-117	CEG 117	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-118	CEG 118	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-119	CEG 119	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-120	CEG 120	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator

Emission Point	Facility Ref	Description
		engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-121	CEG 121	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-122	CEG 122	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-123	CEG 123	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-124	CEG 124	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-125	CEG 125	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-126	CEG 126	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-127	CEG 127	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-128	CEG 128	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-129	CEG 129	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-130	CEG 130	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-131	CEG 131	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-132	CEG 132	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-133	CEG 133	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-134	CEG 134	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-135	CEG 135	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-136	CEG 136	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-137	CEG 137	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-138	CEG 138	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-139	CEG 139	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-140	CEG 140	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-141	CEG 141	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-142	CEG 142	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-143	CEG 143	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-144	CEG 144	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-145	CEG 145	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-146	CEG 146	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-147	CEG 147	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-148	CEG 148	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-149	CEG 149	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-150	CEG 150	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-151	CEG 151	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-152	CEG 152	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-153	CEG 153	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-154	CEG 154	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
AA-155	CEG 155	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-156	CEG 156	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-157	CEG 157	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-158	CEG 158	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-159	CEG 159	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-160	CEG 160	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-161	CEG 161	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-162	CEG 162	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-163	CEG 163	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-164	CEG 164	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-165	CEG 165	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-166	CEG 166	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-167	CEG 167	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-168	CEG 168	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-169	CEG 169	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-170	CEG 170	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-171	CEG 171	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-172	CEG 172	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator

Emission Point	Facility Ref	Description
		engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-173	CEG 173	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-174	CEG 174	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-175	CEG 175	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-176	CEG 176	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-177	CEG 177	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-178	CEG 178	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-179	CEG 179	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-180	CEG 180	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-181	CEG 181	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-182	CEG 182	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-183	CEG 183	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-184	CEG 184	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-185	CEG 185	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-186	CEG 186	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-187	CEG 187	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-188	CEG 188	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-189	CEG 189	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-190	CEG 190	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-191	CEG 191	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-192	CEG 192	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-193	CEG 193	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-194	CEG 194	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-195	CEG 195	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-196	CEG 196	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-197	CEG 197	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-198	CEG 198	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-199	CEG 199	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-200	CEG 200	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-201	CEG 201	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-202	CEG 202	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-203	CEG 203	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-204	CEG 204	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-205	CEG 205	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-206	CEG 206	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
AA-207	CEG 207	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-208	CEG 208	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-209	CEG 209	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-210	CEG 210	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-211	CEG 211	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-212	CEG 212	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-213	CEG 213	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-214	CEG 214	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-215	CEG 215	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-216	CEG 216	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-217	CEG 217	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-218	CEG 218	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-219	CEG 219	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-220	CEG 220	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-221	CEG 221	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-222	CEG 222	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-223	CEG 223	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-224	CEG 224	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator

Emission Point	Facility Ref	Description
		engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-225	CEG 225	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-226	CEG 226	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-227	CEG 227	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-228	CEG 228	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-229	CEG 229	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-230	CEG 230	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-231	CEG 231	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-232	CEG 232	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-233	CEG 233	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-234	CEG 234	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-235	CEG 235	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-236	CEG 236	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-237	CEG 237	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-238	CEG 238	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-239	CEG 239	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-240	CEG 240	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-241	CEG 241	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-242	CEG 242	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-243	CEG 243	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-244	CEG 244	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-245	CEG 245	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-246	CEG 246	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-247	CEG 247	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-248	CEG 248	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-249	CEG 249	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-250	CEG 250	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-251	CEG 251	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-252	CEG 252	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-253	CEG 253	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-254	CEG 254	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-255	CEG 255	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-256	CEG 256	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-257	CEG 257	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-258	CEG 258	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
AA-259	CEG 259	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-260	CEG 260	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-261	CEG 261	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-262	CEG 262	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-263	CEG 263	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-264	CEG 264	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-265	CEG 265	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-266	CEG 266	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-267	CEG 267	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-268	CEG 268	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-269	CEG 269	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-270	CEG 270	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-271	CEG 271	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-272	CEG 272	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-273	CEG 273	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-274	CEG 274	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-275	CEG 275	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-276	CEG 276	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator

Emission Point	Facility Ref	Description
		engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-277	CEG 277	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-278	CEG 278	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-279	CEG 279	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-280	CEG 280	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-281	CEG 281	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-282	CEG 282	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-283	CEG 283	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-284	CEG 284	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-285	CEG 285	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-286	CEG 286	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-287	CEG 287	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-288	CEG 288	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-289	CEG 289	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-290	CEG 290	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-291	CEG 291	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-292	CEG 292	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-293	CEG 293	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
		equivalent emission limits.
AA-294	CEG 294	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-295	CEG 295	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-296	CEG 296	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-297	CEG 297	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-298	CEG 298	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-299	CEG 299	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-300	CEG 300	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-301	CEG 301	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-302	CEG 302	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-303	CEG 303	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-304	CEG 304	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-305	CEG 305	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-306	CEG 306	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-307	CEG 307	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-308	CEG 308	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-309	CEG 309	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-310	CEG 310	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.

Emission Point	Facility Ref	Description
AA-311	CEG 311	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AA-312	CEG 312	4,043 HP Caterpillar 3516E CI diesel-fired Tier-2 certified emergency generator engine (for 2,750 kW Genset), equipped with SCR, DOC, and DPF to meet Tier 4 equivalent emission limits.
AB-000	HEG 1-12	House Emergency Backup Electrical Power Generators
AB-001	HEG 1	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-002	HEG 2	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-003	HEG 3	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-004	HEG 4	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-005	HEG 5	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-006	HEG 6	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-007	HEG 7	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-008	HEG 8	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-009	HEG 9	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-010	HEG 10	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-011	HEG 11	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AB-012	HEG 12	1,112 HP Caterpillar C18 CI diesel-fired Tier-2 certified emergency generator engine for 750 kW Genset
AC-000	WTP 1-2	Water Treatment System Emergency Backup Electrical Power Generators
AC-001	WTP 1	2,206 HP Caterpillar 3512C CI diesel-fired Tier-2 certified emergency generator engine for 1,500 kW Genset
AC-002	WTP 2	2,206 HP Caterpillar 3512C CI diesel-fired Tier-2 certified emergency generator

Emission Point	Facility Ref	Description
		engine for 1,500 kW Genset
AD-000		Building Emergency Backup Electrical Power Generators
AD-001	LCB 1	619 HP Caterpillar C15 CI diesel-fired Tier-3 certified emergency generator engine for 400 kW Genset
AD-002	CAB 1	619 HP Caterpillar C15 CI diesel-fired Tier-3 certified emergency generator engine for 400 kW Genset
AD-003	ACB 1	398 HP Caterpillar C9 CI diesel-fired Tier-3 certified emergency generator engine for 250 kW Genset
AE-000	BT 1-329	Emergency Backup Electrical Power Generator Diesel Fuel Belly Tanks
AE-001	CEG BT 1-312	Three hundred twelve (312) 6,561 Gallon-each diesel fuel storage belly tanks for CEG units
AE-002	HEG BT 1-12	Twelve (12) 2,700 Gallon-each diesel fuel storage belly tanks for HEG units
AE-003	WTP BT 1-2	Two (2) 5,000 Gallon-each diesel fuel storage belly tanks for WTP units
AE-005	LCB BT 1	One (1) 1,000 Gallon diesel fuel storage belly tank for LCB unit
AE-006	CAB BT 1	One (1) 1,000 Gallon diesel fuel storage belly tank for CAB unit
AE-007	ACB BT 1	One (1) 1,000 Gallon diesel fuel storage belly tank for ACB unit
AE-008	TK 1-12	Twelve (12) 12,000 bulk diesel fuel storage tanks

SECTION 3. EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
AA-000 and AC-000	11 Miss. Admin. Code Pt. 2, R. 1.3. D(1)(b)	3.1	PM	$E=0.8808 \cdot I^{-0.1667}$
AB-000 and AD-000	11 Miss. Admin. Code Pt. 2, R. 1.3. D(1)(a)	3.2	PM	0.6 lbs/MMBTUH
AA-000, AB-000, AC-000, and AD-000	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines) 40 CFR 63.6580, 63.6585(a) and (c), 63.6590(a)(2)(iii), and 63.6590(c)(1), Subpart ZZZZ	3.3	HAPs	Applicability
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.4	Control Device	Operational Requirement
AA-000, AB-000, AC-000, and AD-000	40 CFR 60, Subpart IIII (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines) 40 CFR 60.4200(a)(2)(i), Subpart IIII	3.5	NMHC + NO _x , CO, and PM	Applicability
AA-000, AB-000, and AC-000	40 CFR 60.4202(a)(2), 60.4205(b), 60.4206, 60.4211(a)(3), Subpart IIII, and Tier 2 of Appendix I of 40 CFR 1039	3.6	NMHC + NO _x , CO, and PM	6.4 g/kW-hr NMHC + NO _x , 3.5 g/kW-hr CO, 0.2 g/kW-hr PM
AD-000	40 CFR 60.4202(a)(2), 60.4205(b), 60.4206, 60.4211(a)(3), Subpart IIII, and Tier 3 of Appendix I of 40 CFR 1039	3.7	NMHC + NO _x , CO, and PM	4.0 g/kW-hr NMHC + NO _x , 3.5 g/kW-hr CO, 0.2 g/kW-hr PM
AA-000, AB-000, AC-000, and AD-000	40 CFR 60.4207(b), Subpart IIII and 40 CFR 80.510(b)	3.8	Fuel	15 ppm sulfur content and a min. cetane index of 40 or a max. aromatic content of 35 % volume
AA-000, AB-000, AC-000, and AD-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.9	CO and NO _x	≤ 249 tpy per pollutant
AA-000, AB-000, AC-000, and AD-000	40 CFR 60.4209(a), Subpart IIII	3.10	Hour Meter	Operational Requirement
AA-000	40 CFR 60.4209(b), Subpart IIII	3.11	Backpressure Monitor	Operational Requirement

AA-000, AB-000, AC-000, and AD-000	40 CFR 60.4211(f), Subpart IIII	3.12	Operations	Emergency operations monitoring
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- 3.1 For Emission Points AA-000 and AC-000, the permittee shall not have particulate emissions from fossil fuel burning installations of greater than 10 MMBTU/hr heat input that exceeds the emission rate as determined by the relationship:

$$E = 0.8808 * I^{-0.1667}$$

where E is the emission rate in pounds per million BTU per hour heat input and I is the heat input in millions of BTU per hour.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3. D(1)(b))

- 3.2 For Emission Points AB-000 and AD-000, the permittee shall not have particulate emissions from fossil fuel burning installations of less than 10 MMBTU/hr heat input that exceeds 0.6 lb/MMBTU.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3. D(1)(a))

- 3.3 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), 40 CFR 63, Subpart ZZZZ.

All Emission Points within Emission Groups AA-000, AB-000, and AC-000, are new emergency compression ignition (CI) stationary RICE, each with a site rating greater than 500 brake HP located at an area source of HAP emissions. As such, each engine must meet the requirements of 40 CFR 63, Subpart ZZZZ by meeting the requirements of 40 CFR 60, Subpart IIII, for CI engines. No further requirements apply for such engines under 40 CFR 63, Subpart ZZZZ or the General Provisions in Subpart A.

All Emission Point within Emission Group AD-000 are new emergency CI stationary RICE, each with a site rating less than 500 brake HP located at an area source of HAP emissions. As such, each engine must meet the requirements of 40 CFR 63, Subpart ZZZZ by meeting the requirements of 40 CFR 60, Subpart IIII, for CI engines. No further requirements apply for such engines under 40 CFR 63, Subpart ZZZZ or the General Provisions in Subpart A.

(Ref.: 40 CFR 63.6580, 63.6585(a) and (c), 63.6590(a)(2)(iii), and 63.6590(c)(1), Subpart ZZZZ)

- 3.4 For Emission Point AA-000, the permittee shall equip the control system of each engine with a device to continuously measure and record the following:

- (a) The SCR catalyst bed exhaust temperature. The information shall be recorded at a minimum frequency of once every minute, and correlated to run date, engine load/kilowatt output, and engine operating hours.
- (b) The NO_x emissions measured after the catalyst, expressed in ppm. The information shall be recorded at a minimum frequency of once every minute, and correlated to run date, engine load/kilowatt output, and engine operating hours.
- (c) The differential pressure drop across the entire emissions control system to demonstrate proper function of the SCR, DPF, and DOC. The backpressure monitor shall notify the permittee when the high backpressure limit of the engine is approached. The emissions control system shall be observed by the permittee with a frequency as recommended by the process/control equipment manufacturer.

Each monitoring device shall be equipped with a mechanism to detect parameters which exceed manufacturer's recommended thresholds and trigger an alarm to operators when the unit is not operating within the manufacturer's recommended conditions.

Each monitoring device shall be installed, maintained, calibrated and operated in accordance with approved procedures which shall include, as a minimum, the manufacturer's written requirements or recommendations. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the SCR, DPF, and DOC are operating.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

- 3.5 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee is subject to and shall comply with all applicable requirements of the Standards of Performance Standard for Stationary Compressor Ignition Internal Combustion Engines, 40 CFR 60, Subpart IIII, and the General Provisions in Subpart A.

(Ref.: 40 CFR 60.4200(2)(i), Subpart IIII)

- 3.6 For Emission Points AA-000, AB-000, and AC-000, Nitrogen Oxides plus Total Non-Methane Hydrocarbons (NMHC + NO_x) emissions are limited to 6.4 grams per kilowatt-hour (g/kW-hr); Carbon Monoxide (CO) emissions are limited to 3.5 g/kW-hr; and Particulate Matter (PM) emissions are limited to 0.2 g/kW-hr. The permittee must operate and maintain the engine to achieve these emission standards over the entire life of the engine.

(Ref: 40 CFR 60.4205(b), 60.4202(a)(2), 60.4206, 60.4211(a)(3), Subpart IIII and Tier 2 of Appendix I of 40 CFR 1039)

- 3.7 For Emission Point AD-000, Nitrogen Oxides plus Total Non-Methane Hydrocarbons (NMHC + NO_x) emissions are limited to 4.0 grams per kilowatt-hour (g/kW-hr); Carbon Monoxide (CO) emissions are limited to 3.5 g/kW-hr; and Particulate Matter (PM)

emissions are limited to 0.2 g/kW-hr. The permittee must operate and maintain the engine to achieve these emission standards over the entire life of the engine.

(Ref: 40 CFR 60.4205(b), 60.4202(a)(2), 60.4206, 60.4211(a)(3), Subpart III and Tier 3 of Appendix I of 40 CFR 1039)

- 3.8 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee shall use diesel fuel that meets the requirements of 40 CFR 1090.305 for non-road diesel fuel. The fuel shall have a maximum sulfur content of 15 ppm and a minimum cetane index of 40 or a maximum aromatic content of 35 percent volume.

(Ref.: 40 CFR 60.4207(b), Subpart III and 40 CFR 1090.305)

- 3.9 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee shall limit carbon monoxide (CO) and nitrogen oxides (NO_x) emissions, each, to 249.0 tons per year, as calculated on a rolling, consecutive 12-month basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).)

- 3.10 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee must install and operate a non-resettable hour meter on each engine.

(Ref.: 40 CFR 60.4209(a), Subpart III)

- 3.11 For Emission Points AA-000, the permittee must install and operate a backpressure monitor for total system differential pressure that notifies the permittee when the high backpressure limit of the engine is approached.

(Ref.: 40 CFR 60.4209(b), Subpart III)

- 3.12 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee must operate the emergency stationary engine according to the requirements cited below. In order for the engine to be considered an emergency stationary engine, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described below, is prohibited. If the engine is not operated according to these requirements, the engine will not be considered an emergency engine under 40 CFR 60, Subpart III and must meet all requirements for non-emergency engines.

(a) There is no time limit on the use of the emergency engine in emergency situations.

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

- (c) The engine may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing.

(Ref.: 40 CFR 60.4211(f), Subpart IIII)

SECTION 4. WORK PRACTICES

Emission Point	Applicable Requirement	Condition Number(s)	Work Practice
AA-000, AB-000, AC-000, and AD-000	40 CFR 60.4211(a), Subpart IIII	4.1	Operational requirements

- 4.1 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee shall operate and maintain the emergency engine and control device according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the engine manufacturer. In addition, the permittee may only change those settings that are permitted by the manufacturer. The permittee shall also meet the applicable requirements of 40 CFR 89.

(Ref.: 40 CFR 60.4211(a), Subpart IIII)

SECTION 5. MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Monitoring/Recordkeeping Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain records for a minimum of 5 years.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	CO and NO _x	Monitoring and recordkeeping requirements
AA-000, AB-000, AC-000, and AD-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.3	Fuel	Monitoring and recordkeeping requirements
	40 CFR 60.4211(c), Subpart IIII	5.4	NMHC + NO _x , CO, and PM	Compliance Demonstration
	40 CFR 60.4211(g)(3), Subpart IIII	5.5	NMHC + NO _x , CO, and PM	Operational requirements
	40 CFR 60.4214(b), Subpart IIII	5.6	Operations	Emergency operations recordkeeping
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.7	Operations	Control device parametric monitoring
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.8	Pressure Drop and Temperature	Control device parametric monitoring
AA-000	40 CFR 60.4214(c), Subpart IIII	5.9	Pressure Drop and Temperature	Control device parametric monitoring

5.1 The permittee shall retain all required records, monitoring data, supporting information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to DEQ as required by Applicable Rules and Regulations or this permit upon request.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.9.)

5.2 For the entire facility, the permittee shall monitor and record the monthly and consecutive twelve-month rolling total of carbon monoxide (CO) and nitrogen oxides (NO_x) emissions in tons per year for each pollutant. Emissions shall be calculated based on results of the most recent performance stack tests, manufacturer's emissions documentation, the continuous emissions data (NO_x) or other approved emission factors. Such records shall be kept for five years and made available upon request by DEQ personnel.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 5.3 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee shall obtain and maintain a fuel certification from the supplier for each shipment of fuel oil received which certifies that the sulfur content does not exceed 0.0015 percent by weight.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)
- 5.4 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee shall demonstrate compliance with emission standards specified in Conditions 3.6 and 3.7, as applicable, by purchasing an engine certified according to 40 CFR 89, for the same model year and maximum engine power. Each engine must be installed and configured according to the manufacturer's specifications.
(Ref.: 40 CFR 60.4211(c), Subpart III)
- 5.5 For Emission Points AA-000, AB-000, AC-000, and AD-000, if the engine and control device are not installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions, or if emission-related settings are changed in a way that is not permitted by the manufacturer, then a maintenance plan and records of conducted maintenance must be kept, and must, to the extent practicable, maintain and operate each engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, an initial performance test must be conducted to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after the emission-related settings are changed in a way that is not permitted by the manufacturer. Subsequent performance testing following the initial performance test must be conducted every 8,760 hours of engine operation or 3 years, whichever comes first, thereafter, to demonstrate compliance with the applicable emission standards.
(Ref.: 40 CFR 60.4211(g)(3), Subpart III)
- 5.6 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee shall monitor and keep records of the hours operated through the non-resettable hour meter on each emergency engine, including what classified the operation as emergency and how many hours are spent for non-emergency operation.
(Ref.: 40 CFR 60.4214(b), Subpart III)
- 5.7 For Emission Points AA-000, the permittee shall demonstrate compliance with nitrogen oxides by stack testing in accordance with EPA Reference Method 7 or an EPA approved equivalent and carbon monoxide by stack testing in accordance with EPA Reference Method 10 or an EPA approved equivalent, on thirty-two (32) emergency diesel engines. The initial tests shall be completed within 180 days of startup. Subsequent testing shall be conducted every 5 years (not to exceed 61 months from the previous test). The testing shall be performed on the schedule above until all engines in Emission Point AA-00 are tested. Testing shall be conducted according to the following requirements:
- (a) Sixteen (16) RICE equipped with Miratech control systems shall be tested.
 - (b) Sixteen (16) RICE equipped with Safety Power control systems shall be tested.

- (c) Emissions testing of each pollutant for each selected emergency diesel engine shall consist of three (3) one-hour test runs under load. The average of the three runs shall be reported as the short-term emission rate for that emergency diesel engine.
- (d) Testing shall be conducted with the emergency diesel engine operating at greater than 90 percent of its rated capacity, unless multiple load band testing is approved by MDEQ;
- (e) Recorded emergency diesel engine operational information shall include, but not be limited to:
 - (1) Generator load/kilowatt output.
 - (2) Fuel consumption and fuel sulfur content of the diesel fuel.
 - (3) NO_x concentration before and after the catalyst.
 - (4) SCR Catalyst bed exhaust temperature.
 - (5) Urea solution injection rate.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 5.8 For Emission Points AA-000, the permittee shall continuously monitor and keep records of the following for each engine:
- (a) Documentation from the manufacturer that each emergency diesel engine is certified to meet the EPA Tier 2 emission standards.
 - (b) Engine information including make, model, serial number, model year, maximum engine power (bhp), and engine displacement for each emergency diesel engine gen-set.
 - (c) Operation and control device monitoring records for each emergency diesel engine equipped with a SCR as required in Condition 3.4. This includes records of the SCR catalyst exhaust bed temperature and NO_x emission concentration as measured by the NO_x continuous monitoring device.
 - (d) Operation and control device monitoring records for each emergency diesel engine equipped with a SCR, DPF, and DOC as required in Condition 3.4. This includes records of the differential pressure drop across the entire emissions control system to demonstrate proper function as required in Condition 3.4.
 - (e) The manufacturer's written operating instructions or procedures developed by the permittee that are approved by the engine manufacturer for each emergency diesel engine.
 - (f) Monthly and annual hours of operation of each emergency diesel engine, with annual hours of operation calculated monthly and for each consecutive 12-month period on a rolling basis.

- (g) Monthly and annual hours of operation of each emergency diesel engine, for purposes of scheduled maintenance checks and readiness testing, calculated monthly and for each consecutive 12-month period on a rolling basis.
- (h) Monthly and annual fuel consumption of each emergency diesel engine, for all purposes, with the annual fuel consumption calculated for each consecutive 12-month period on a rolling basis.
- (i) Fuel supplier certifications for all deliveries to the facility.
- (j) Results of all performance stack tests.
- (k) Records of scheduled maintenance checks and readiness testing.
- (l) Records of unscheduled maintenance and operator training.
- (m) Records of any changes in settings that are permitted by the manufacturer of the emergency diesel engines.

These records shall be maintained in a log form and shall be made available for inspection upon request by the MDEQ.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 5.9 For Emission Point AA-000, the permittee shall keep records of any corrective action taken after the backpressure monitor required by Condition 3.12 has notified the permittee that the high backpressure limit of the engine is approached.

(Ref.: 40 CFR 60.4214(c), Subpart IIII)

SECTION 6. REPORTING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1(a)	Report deviations within five (5) working days
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1(b)	Semiannual reporting
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1(c)	Certification by responsible official
	11 Miss. Admin. Code Pt. 2, R. 2.5.C(2).	6.1(d)	Notification of beginning actual construction within 15 days
	11 Miss. Admin. Code Pt. 2, R. 2.5.C(3).	6.1(e)	Notification when construction does not begin or is suspended
	11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (3).	6.1(f)	Certification of completion of construction prior to operation
	11 Miss. Admin. Code Pt. 2, R. 2.5.D(2).	6.1(g)	Notification of changes in construction
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.2	Semiannual reporting of NOx and CO emissions
AA-000, AB-000, AC-000, and AD-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.3	Semiannual reporting of diesel fuel shipments
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.4	Semiannual reporting of conducted engine maintenance
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.5	Submit performance stack test protocols and notifications
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.6	Submit results of performance stack tests
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.7	Semiannual reporting of operations

6.1 General Reporting Requirements:

- (a) The permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- (b) Beginning upon issuance of this permit and lasting until issuance or modification of the applicable operating permit, the permittee shall submit reports of any required monitoring by July 31st and January 31st for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with 11 Miss. Admin. Code Pt. 2, R. 2.1.C. Where no monitoring data is required to be reported and/or there are no deviations to report, the report shall contain the appropriate negative declaration. For any air

emissions equipment not yet constructed and/or operating the report shall so note and include an estimated date of commencement of construction and/or startup, whichever is applicable.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- (c) Any document required by this permit to be submitted to the DEQ shall contain a certification signed by a responsible official stating that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- (d) Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(2).)

- (e) The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(3).)

- (f) Upon the completion of construction or installation of an approved stationary source or modification, and prior to commencing operation, the applicant shall notify the Permit Board that construction or installation was performed in accordance with the approved plans and specifications on file with the Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (3).)

- (g) The Permit Board shall be promptly notified in writing of any change in construction from the previously approved plans and specifications or permit. If the Permit Board determines the changes are substantial, it may require the submission of a new application to construct with “as built” plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an “as built” application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(2).)

- 6.2 For the entire facility, the permittee shall submit semiannual reports showing the monthly and twelve (12) month consecutive rolling total emissions of CO and NOx in accordance with Condition 6.1(b).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 6.3 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee shall submit semiannual reports in accordance with condition 6.1(b) showing the fuel usage for each

emission group. The report shall also provide the date, quantity, and sulfur content for any shipment(s) of fuel oil received during the reporting period.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 6.4 For Emission Points AA-000, AB-000, AC-000, and AD-000, the permittee shall submit semiannual reports in accordance with condition 6.1(b) showing the records of conducted maintenance.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 6.5 For Emission Points AA-000, the permittee shall submit a written test protocol at least thirty (30) days prior to the proposed performance stack test date to ensure that all test methods and procedures are acceptable to the Office of Pollution Control. Also, the Office of Pollution Control must be notified prior to the scheduled performance stack test date. At least ten (10) days' notice should be given so that an observer may be scheduled to witness the test(s).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 6.6 For Emission Point AA-000, the permittee shall submit performance stack test reports of all required performance stack testing within sixty (60) days of the date the performance stack testing is performed. Each report shall also include each parameter for each engine detailed in Condition 5.7(e).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 6.7 For Emission Points AA-000, the permittee shall submit semiannual reports in accordance with condition 6.1(b) showing the records required in Condition 5.8.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)