

**STATE OF MISSISSIPPI
AND FEDERALLY ENFORCEABLE
AIR POLLUTION CONTROL
PERMIT**

**TO OPERATE AIR EMISSIONS EQUIPMENT AT A
SYNTHETIC MINOR SOURCE**

THIS CERTIFIES THAT

Hunter Douglas, Inc. – Tupelo Center
222 Laney Road
Shannon, Lee County, Mississippi

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: _____

Permit No.: 1540-00037

Effective Date: As specified herein.

Expires:

SECTION 1

A. GENERAL CONDITIONS

1. This permit is for air pollution control purposes only.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)
2. This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.4.D.)
3. Any activities not identified in the application are not authorized by this permit.

(Ref.: Miss. Code Ann. 49-17-29 1.b)
4. 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 constructing or operating without a valid permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)
5. 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).)
6. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit 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).)
7. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)
8. The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials:

- (a) To enter 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) At reasonable times 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 emission.

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

9. 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)

10. The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this 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).)

11. This permit does not authorize a modification as defined in Mississippi Administrative Code, Title 11, Part 2, Chapter 2 – “Permit Regulations for the Construction and/or Operation of Air Emission Equipment”. A modification may require a Permit to Construct and a modification of this permit.

“Modification” is defined as [a]ny physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

- (a) Routine maintenance, repair, and replacement;
- (b) Use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
- (c) Use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
- (d) Use of an alternative fuel or raw material by a stationary source which:

- (1) The source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51 – Subpart I, or 40 CFR 51.166; or
- (2) The source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51 – Subpart I, or 40 CFR 51.166;
- (e) An increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51 – Subpart I or 40 CFR 51.166; or
- (f) Any change in ownership of the stationary source.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.C(15).)

B. GENERAL OPERATIONAL CONDITIONS

- 1. Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee’s previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in Mississippi Administrative Code, Title 11, Part 2, Chapter 3 – “Regulations for the Prevention of Air Pollution Emergency Episodes” – for the level of emergency declared.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.10.)

- 2. Any diversion from or bypass of collection and control facilities is prohibited, except as provided for in Mississippi Administrative Code, Title 11, Part 2, Chapter 1, Rule 1.10 – “Provisions for Upsets, Startups, and Shutdowns”.

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

- 3. Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits.

(Ref.: Miss. Code Ann. 49-17-29 1.a(i and ii).)

- 4. Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, start-ups, and shutdowns.

- (a) Upsets

- (1) For an upset defined in 11 Miss. Admin. Code Pt. 2, R. 1.2., 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 twenty-four (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 the EPA or third party enforcement actions.
- (b) Start-ups and Shutdowns (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.)
- (1) Start-ups and shutdowns are part of normal source operation. Emission limitations apply during start-ups and shutdowns unless source specific emission limitations or work practice standards for start-ups 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 1, the Department

will consider establishing source specific emission limitations or work practice standards for start-ups and shutdowns. Source specific emission limitations or work practice standards established for start-ups 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 Rule 1.2 occurs during startup or shutdown, see the upset requirements above.

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

5. *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 of 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).)

C. PERMIT RENEWAL / MODIFICATION / TRANSFER / TERMINATION

1. For renewal of this permit, the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board.

If the applicant submits a timely and complete application pursuant to this paragraph and the Permit Board, through no fault of the applicant, fails to act on the application on or before the expiration date of the existing permit, the applicant shall continue to operate the stationary source under the terms and conditions of the expired permit, which shall remain in effect until final action on the application is taken by the Permit Board. Permit expiration

terminates the source's ability to operate unless a timely and complete renewal application has been submitted.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.8.)

2. The permittee shall furnish to the MDEQ within a reasonable time any information the MDEQ 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 MDEQ 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 MDEQ 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).)

3. 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).)

4. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:
 - (a) Persistent violation of any 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.)

5. This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board.

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

SECTION 2 EMISSION POINT DESCRIPTION

The permittee is authorized to operate air emissions equipment, as described in the following table.

Emission Point	Description
AA-100	Facility-Wide (Hunter Douglas Inc, Tupelo Center)
AA-200	Facility-Wide Surface Coating Operations
AC-008	Spray Booth for Line 1 (Ref. No. RB-8)
AE-001	Paint Intermix Warehouse
AI-001	Paint Cans Touch-Up operations
AH-004	Two (2) Spray Booths for the Low Volume Paint Line
AA-300	Facility-Wide Metalworking Operations
AG-000	Rollform Operations (steel coils are roll-formed into rails)
AA-400	Facility-Wide Natural Gas-Fired Burning Equipment
AC-001	6.4 MMBTU / Hour Curing Oven (Ref. No. RB-9) for Line 1
AC-002	3.5 MMBTU / Hour Tank Heater (Ref. No. RB-1) for Line 1
AC-005	3.85 MMBTU / Hour Drying Oven (Ref. No. RB-7) for Line 1
AC-006	2.0 MMBTU / Hour Tank Heater (Ref. No. RB-2) for Line 1
AF-001	Facility-Wide Space Heaters (total heat input: 7.5 MMBTU / hour)
AH-001	0.84 MMBTU / Hour Tank Heater for Low Volume Paint Line Wash Tank
AH-002	0.80 MMBTU / Hour Dry-Off Oven for Low Volume Paint Line
AH-003	1.5 MMBTU / Hour Curing Oven for Low Volume Paint Line
AA-500	Facility-Wide Internal Combustion Engines
AJ-100	Two (2) Compression Ignition (CI) Emergency Fire Pump Engines [each unit is 300 HP (224 kW) and has a max. heat input of 0.70 MMBTU / hour; each unit was manufactured in 2009]
AJ-200	175 HP (130 kW) Emergency Spark Ignition (SI) Generator Engine [max. heat input: 0.45 MMBTU / hour; manufactured in 2014]

SECTION 3 EMISSION LIMITATIONS AND STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AA-100 (Facility-Wide)	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.1	Opacity	≤ 40% (from smoke)
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2		≤ 40%
	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.3	PM (filterable only)	E = 4.1(p ^{0.67})
	11 Miss. Admin. Code Pt. 2, R.1.3.C.	3.4	PM	General Nuisance Provisions
	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.5	PM (filterable only)	0.6 Pounds / MMBTU
AA-200 AA-300	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.6	VOCs	95.0 tpy (Rolling 12-Month Total)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.7	HAPs	9.9 tpy (Individual) 24.5 tpy (Combined) (Rolling 12-Month Totals)
AJ-100 AJ-200	40 CFR Part 63, Subpart ZZZZ – NESHAP for Stationary Reciprocating Internal Combustion Engines 40 CFR 63.6585, 63.6590(a) and (c)(1); Subpart ZZZZ	3.8	HAPs	General Applicability
AJ-100	40 CFR Part 60, Subpart III – NSPS for Stationary Compression Ignition Internal Combustion Engines 40 CFR 60.4200(a)(2); Subpart III	3.9	NMHC + NO _x CO PM	General Applicability
	40 CFR 60.4205(c), 60.4206 and Table 4; Subpart III	3.10	NMHC + NO _x	4.0 Grams / Kilowatt-Hour (or 3.0 Grams / Horsepower-Hour)
			CO	3.5 Grams / Kilowatt-Hour (or 2.6 Grams / Horsepower-Hour)
		PM	0.20 Grams / Kilowatt-Hour (or 0.15 Grams / Horsepower-Hour)	

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AJ-100	40 CFR 60.4207(b), Subpart III 40 CFR 80.510(b); Subpart I	3.11	Fuel Requirement	15 ppm Sulfur Content (Max.); and 40 Cetane Index (Min.) or 35% Aromatic Content (Max. – by volume)
AJ-200	40 CFR Part 60, Subpart JJJJ – NSPS for Stationary Spark Ignition Internal Combustion Engines 40 CFR 60.4230(a)(4), Subpart JJJJ	3.12	NO _x CO VOCs	General Applicability
	40 CFR 60.4233(e), 60.4234, and Table 1, Subpart JJJJ	3.13	NO _x	2.0 Grams / Horsepower-Hour
			CO	4.0 Grams / Horsepower-Hour
			VOCs	1.0 Gram / Horsepower-Hour
40 CFR 60.4243(e); Subpart JJJJ	3.14	Fuel Alternative	Combust Propane for 100 Hours / Calendar Year	
AJ-100 AJ-200	40 CFR 60.4211(f)(1) – (3), Subpart III 40 CFR 60.4243(d)(1) – (3), Subpart JJJJ	3.15	Operational Requirements	100 Hours / Calendar Year for Maintenance and Readiness Testing; 50 Hours / Calendar Year for Non- Emergency Situations

3.1 For Emission Point AA-100 (Facility-Wide), except as otherwise specified or limited herein, the permittee shall not cause or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial, or waste disposal process that exceeds forty percent (40%) opacity subject to the following exceptions:

- (a) Start-up operations may produce emissions, which exceed 40% opacity for up to fifteen (15) minutes per start-up in any one (1) hour and not to exceed three (3) start-ups per stack in any twenty-four (24) hour period.
- (b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed sixty percent (60%) opacity and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one (1) hour.

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

3.2 For Emission Point AA-100 (Facility-Wide), except as otherwise specified or limited herein, the permittee shall not discharge into the ambient air from a point source any

contaminant of such opacity as to obscure an observer's view to a degree in excess of forty percent (40%) opacity. This shall not apply to vision obscuration caused by uncombined water droplets.

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

- 3.3 For Emission Point AA-100 (Facility-Wide), the permittee shall not allow the emission of particulate matter (PM) in total quantities in any one (1) hour from any manufacturing process (which includes any associated stacks, vents, outlets, or combination thereof) to exceed the amount determined by the relationship:

$$E = 4.1(p^{0.67})$$

where "E" is the emission rate in pounds per hour and "p" is the process weight input rate in tons per hour. The conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs.

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

- 3.4 For Emission Point AA-100 (Facility-Wide), the permittee shall not cause 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.

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.

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 from which it originated or to violate any other provision of this regulation, the Commission may order such corrected in a way that all air and gases or air and gas-borne 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.)

- 3.5 For Emission Point AA-100 (Facility-Wide), the maximum permissible emission of ash and/or particulate matter (PM) from fossil fuel burning installations of less than ten (10) million BTU (MMBTU) per hour heat input shall not exceed 0.6 pounds per MMBTU per hour heat input.

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

- 3.6 For Emission Points AA-200 (Facility-Wide Surface Coating Operations) and AA-300 (Facility-Wide Metalworking Operations), the permittee shall limit emission of volatile

organic compound (VOCs) to no more than 95.0 tons per year (tpy) as determined on a rolling 12-month total basis.

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

- 3.7 For Emission Points AA-200 (Facility-Wide Surface Coating Operations) and AA-300 (Facility-Wide Metalworking Operations), the permittee shall limit the emission of hazardous air pollutants (HAPs) to no more than 9.9 tons per year (tpy) for each individual HAP and no more than 24.5 tpy for all combined HAPs as determined on a rolling 12-month total basis.

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

- 3.8 For Emission Points AJ-100 and AJ-200, the permittee is subject to and shall comply with the applicable requirements found in 40 CFR Part 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants (NESHAP) from Stationary Reciprocating Internal Combustion Engines (RICE). A stationary RICE is “new” if construction or reconstruction commenced on or after June 12, 2006.

For stationary RICE that are new or reconstructed, the permittee shall comply with Subpart ZZZZ by complying with the requirements found in 40 CFR Part 60, Subpart IIII (for Emission Point AJ-100) and 40 CFR Part 60, Subpart JJJJ (for Emission Point AJ-200). No further requirements apply for such engines under Subpart ZZZZ.

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

- 3.9 For Emission Point AJ-100, the permittee is subject to and shall comply with the applicable requirements found in 40 CFR Part 60, Subpart IIII – New Source Performance Standards (NSPS) for Stationary Compression Ignition Internal Combustion Engines (CI ICE) and 40 CFR Part 60, Subpart A – General Provisions (as required in Table 8 of Subpart IIII).

(Ref.: 40 CFR 60.4200(a)(2); Subpart IIII)

- 3.10 For Emission Point AJ-100, the permittee shall comply with the following emission standards:

- (a) Non-Methane Hydrocarbons + Nitrogen Oxides (NMHC + NO_x): 4.0 grams per kilowatt-hour (or 3.0 grams per horsepower-hour); and
- (b) Carbon Monoxide (CO): 3.5 grams per kilowatt-hour (or 2.6 grams per horsepower-hour)
- (c) Particulate Matter (PM): 0.2 grams per kilowatt-hour (or 0.15 grams per horsepower-hour).

The permittee shall operate and maintain each engine in such a manner to achieve the referenced emission standards over the entire life of the engine.

(Ref.: 40 CFR 60.4205(c), 60.4206, and Table 4; Subpart IIII)

3.11 For Emission Point AJ-100, the permittee shall only combust diesel fuel within each engine that meets the following requirements (on a per-gallon basis):

- (a) A maximum sulfur content of fifteen (15) ppm; and
- (b) A minimum cetane index of forty (40) or a maximum aromatic content of thirty-five (35) volume percent.

(Ref.: 40 CFR 60.4207(b); Subpart IIII and 40 CFR 80.510(b); Subpart I)

3.12 For Emission Point AJ-200, the permittee is subject to and shall comply with the applicable requirements found in 40 CFR Part 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines and 40 CFR Part 60, Subpart A – General Provisions (as required in Table 3 of Subpart JJJJ).

(Ref.: 40 CFR 60.4230(a)(4); Subpart JJJJ)

3.13 For Emission Point AJ-200, the permittee shall comply with the following emission standards:

- (a) Nitrogen Oxides (NO_x): 2.0 grams per horsepower-hour;
- (b) Carbon Monoxide (CO): 4.0 grams per horsepower-hour; and
- (c) Volatile Organic Compounds (VOCs): 1.0 gram per horsepower-hour.

(Ref.: 40 CFR 60.4233(e), 60.4234, and Table 1; Subpart JJJJ)

3.14 For Emission Point AJ-200, the permittee may operate the engine using propane as an alternative fuel for a maximum of one hundred (100) hours per calendar year only during emergency operations and must keep records of such use.

(Ref.: 40 CFR 60.4243(e); Subpart JJJJ)

3.15 For Emission Points AJ-100 and AJ-200, any operation of each engine for any reason other than emergency operation, maintenance and testing, and operation in non-emergency situations for fifty (50) hours per year is prohibited. If an engine is not operated in accordance with Parts (a) through (c) of this condition, the engine will not be considered an emergency engine under the referenced regulation and shall meet all requirements for a corresponding non-emergency engine.

- (a) There is no time limit on the use of an engine in emergency situations.
- (b) The permittee may operate an engine for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, or the insurance company accompanied with the engine. Maintenance checks and readiness testing of an engine is limited to a maximum of one hundred (100) hours per calendar year. The permittee may petition the MDEQ for approval of additional hours to be used for maintenance checks and readiness testing. However, a petition is not required if the permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of the engine beyond 100 hours per calendar year.
- (c) The permittee may operate an engine 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. The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(Ref.: 40 CFR 60.4211(f)(1) – (3); Subpart IIII)

(Ref.: 40 CFR 60.4243(d)(1) – (3); Subpart JJJJ)

SECTION 4
WORK PRACTICE STANDARDS

THIS SECTION WAS INTENTIONALLY LEFT BLANK BECAUSE NO WORK PRACTICE
STANDARDS APPLY TO THIS PERMIT ACTION

SECTION 5 MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Monitoring / Recordkeeping Requirement
AA-100 (Facility-Wide)	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain Records For a Minimum of Five (5) Years
AA-200 AA-300	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	VOCs HAPs	Monitor Coatings, Adhesives, Solvents, or Other VOC- or HAP-Containing Materials
AJ-100 AJ-200	40 CFR 60.4214(b), Subpart IIII 40 CFR 60.4245(b), Subpart JJJJ 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.3	Operation	Record Hours of Operation
	40 CFR 60.4211(c), Subpart IIII 40 CFR 60.4243(a), Subpart JJJJ	5.4	Operation	Operate the Engine According to the Manufacturer's Emission-Related Written Instructions

5.1 For Emission Point AA-100 (Facility-Wide), 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 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 the MDEQ as required by Applicable Rules and Regulations of this permit upon request.

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

5.2 For Emission Points AA-200 and AA-300, the permittee shall maintain sufficient records to document the following information:

- (a) The quantity and identification of each coating, adhesive, solvent, or other VOC- or HAP-containing material used on a monthly basis and on a rolling 12-month total basis;
- (b) The VOC and HAP weight content of each coating, adhesive, solvent or other VOC or HAP containing material used. A description of the method used to determine the VOC and HAP content shall accompany this data;
- (c) The density of each coating, adhesive, solvent or other VOC- or HAP-containing material; and

- (d) The total VOC emission rate, the emission rate of each individual HAP, and the total HAP emission rate in tons both on a monthly basis and on a rolling 12-month total basis.

The permittee may utilize data supplied by the manufacturer or analysis of VOC and HAP content by EPA Test Method 24 (found in Appendix A of 40 CFR Part 60) and/or EPA Test Method 311 (found in Appendix A of 40 CFR Part 63), respectively.

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

- 5.3 For Emission Points AJ-100 and AJ-200, the permittee shall monitor and record the hours of operation for each engine on a monthly basis via a non-resettable hour meter. The permittee shall document how many hours are spent for emergency operation and non-emergency operation, including what classified each operation as either an emergency or non-emergency.

(Ref.: 40 CFR 60.4214(b), Subpart IIII and 40 CFR 60.4245(b), Subpart JJJJ)

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

- 5.4 For Emission Points AJ-100 and AJ-200, the permittee shall comply with the emission limitations specified in Conditions 3.10 and 3.13 by purchasing an engine certified by the manufacturer to those standards.

The permittee shall install, configure, operate, and maintain each engine and control device (if any) in accordance the manufacturer's emission-related written instructions. Additionally, the permittee shall change only those emission-related settings that are permitted by the manufacturer, keep records of conducted maintenance, and meet all the applicable requirements found in 40 CFR Part 1068 (as applicable).

(Ref.: 40 CFR 60.4211(c), Subpart IIII; 40 CFR 60.4243(a), Subpart JJJJ)

**SECTION 6
REPORTING REQUIREMENTS**

Emission Point(s)	Applicable Requirement	Condition Number	Reporting Requirement
AA-100 (Facility-Wide)	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1	Report Permit Deviations Within Five (5) Working Days
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.2	Submit a Certified Annual Monitoring Report
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.3	All Documents Submitted to the MDEQ Shall Be Certified by a Responsible Official

6.1 Except as otherwise specified herein, 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. The 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).)

6.2 Except as otherwise specified herein, the permittee shall submit a certified annual synthetic minor monitoring report postmarked no later than January 31 of each calendar year for the preceding calendar year. This report shall address any required monitoring specified in Conditions 5.2 and 5.3. However, all instances of deviations from permit requirements must be clearly identified in the report. 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.

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

6.3 Any document required by this permit to be submitted to the MDEQ 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).)