



## State of Mississippi



### FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

#### **THIS CERTIFIES**

Armstrong Flooring Inc

1085 Highway 80 West

Jackson, MS

Hinds County

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. set., 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**

**Mississippi Department of Environmental Quality**

**Issued/Modified:** MAR 15 2016

**Expires:** FEB 28 2019

**Permit No.** 1080-00004

**Agency Interest #** 4598

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## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Armstrong Flooring Inc

Subject Item Inventory

Permit Number: 1080-00004

Activity ID No.: PER20160002

### Subject Item Inventory:

ID	Designation	Description
AI4598		Manufacturer of resilient floor covering.
AREA16	AA-100	Unloading and Transfer Operations [Including, but not limited to copolymer and homopolymer super sack; Nauta blender; filler; accent grind; binder; accent; grinding; tile dust; dust control/collection.]
AREA17	AB-100	Recycling Operations [Including, but not limited to bio-based tile crushing; dust control/collection.]
AREA18	AC-100	Miscellaneous Operations [Including, but not limited to regrinding; aerosol painting; mill feeding.]
AREA19	AD-100	Combustion Sources [Including, but not limited to process heaters; boilers; burners; space heaters.]
AREA20	AE-100	Tank Storage [Including, but not limited to liquid binder; propane; used oil.]
EQPT6	AF-101	36 kW (48.28 HP) Natural Gas-fired Emergency Generator
EQPT33	AF-102	20 kW (26.82 HP) Natural Gas-fired Emergency Generator

### Subject Item

#### Groups:

ID	Description	Components
GRPT1	Emergency Equipment	EQPT6 36 kW (48.28 HP) Natural Gas-fired Emergency Generator
		EQPT33 20 kW (26.82 HP) Natural Gas-fired Emergency Generator

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

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### **KEY**

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

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**AI0000004598 Manufacturer of resilient floor covering.:**

### Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For the entire facility, the maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).]
L-2		For the entire facility, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).]
L-3		For the entire facility, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity to obscure an observer's view to a degree in excess of 40%, as determined by EPA Test Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.B.]
L-4		For the entire facility, the permittee shall limit volatile organic compound (VOC) emissions to no more than 99.0 tons per year as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
L-5		For the entire facility, the permittee shall limit hazardous air pollutant (HAP) emissions to no more than 9.90 tons per year of any single HAP and no more than 24.90 tons per year of total combined HAP as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
L-6		For the entire facility, the permittee shall limit total particulate matter (PM/PM10) emissions to no more than 99.0 tons per year as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

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### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>For the entire facility, the permittee shall determine the following for each coating, adhesive, solvent, or other VOC or HAP containing material used:</p> <ul style="list-style-type: none"><li>(a) quantity used (gal);</li><li>(b) the percentage of VOC by weight;</li><li>(c) the percentage of HAP by weight; and</li><li>(d) the density (lb/gal).</li></ul> <p>The permittee may utilize data supplied by the manufacturer, or analysis of VOC and HAP content by EPA Test Method 311, 40 CFR Part 63, Appendix A, respectively. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]</p>
M-2		<p>For the entire facility, the permittee shall determine the quantity of PM/PM10 producing materials consumed/used on a monthly basis and in any consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]</p>

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### Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>For the entire facility, the permittee shall maintain sufficient records to document:</p> <p>(a) identification of each coating, adhesive, solvent or other VOC or HAP containing material used, and the total gallons of each coating and each solvent used on a monthly basis and in any consecutive 12-month period;</p> <p>(b) the VOC and HAP content(s) 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; and</p> <p>(c) the density of each coating, adhesive, solvent or other VOC or HAP containing material. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]</p>
R-2	<p>For the entire facility, the permittee shall maintain sufficient records to document:</p> <p>(a) the quantity of PM/PM10 producing materials consumed/used on a monthly basis and in any consecutive 12-month period; and</p> <p>(b) PM/PM10 emissions in tons per year for any consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]</p>
R-3	<p>For the entire facility, the permittee shall maintain copies of all records and reports on site for at least five (5) years and shall make them available upon request by Mississippi Department of Environmental Quality (MDEQ) personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]</p>

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### Submittal/Action Requirements:

Condition No.	Condition
S-1	<p>For the entire facility, the permittee shall submit a monitoring report due annually by the 31st of January for the preceding calendar year. This report shall provide the following:</p> <ul style="list-style-type: none"><li>(a) identification of each coating, adhesive, solvent or other VOC or HAP containing material used;</li><li>(b) the VOC and HAP content(s) of each coating, adhesive, solvent, or other VOC or HAP containing material used;</li><li>(c) the total gallons of each coating, adhesive, solvent or other VOC or HAP containing material used in any consecutive 12-month period; and</li><li>(d) the total VOC emission rate, the emission rate of each individual HAP and the total HAP emission rate in tons per year based on a consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]</li></ul>
S-2	<p>For the entire facility, the permittee shall submit a monitoring report due annually by the 31st of January for the preceding calendar year. This report shall provide the following:</p> <ul style="list-style-type: none"><li>(a) the quantity of PM/PM10 producing materials consumed/used; and</li><li>(b) the PM/PM10 emission rate in tons per year based on a consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]</li></ul>
S-3	<p>Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall address any required monitoring specified in the permit. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]</p>
S-4	<p>General Condition: 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. Said report shall be made within five (5) working days of the time the deviation began. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]</p>



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### AI0000004598 Manufacturer of resilient floor covering.:

#### Narrative Requirements:

Condition No.	Condition
T-1	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-2	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [11 Miss. Admin. Code Pt. 2, R. 2.5.A.]
T-3	General Condition: 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. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-4	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in 11 Miss. Admin. Code Pt.2, R. 1.10, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-5	General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.10.]
T-6	General Condition: 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. [Miss. Code Ann. 49-17-21]
T-7	General Condition: 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) 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 any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [11 Miss. Admin.Code Pt. 2, R. 2.2.C.]
T-8	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this 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 condition of the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]

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### Narrative Requirements:

Condition No.	Condition
T-9	General Condition: 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. [Miss. Code Ann. 49-17-39]
T-10	General Condition: 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. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(c).]
T-11	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(7).]
T-12	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [11 Miss. Admin. Code Pt. 2, R. 2.16.B.]
T-13	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]
T-14	General Condition: 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 [11 Miss. Admin.Code Pt. 2, R. 2.4.D.]
T-15	General Condition: 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. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(7).]
T-16	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information 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 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 MDEQ along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(d).]

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### Narrative Requirements:

Condition No.	Condition
T-17	<p>General Condition: This permit does not authorize a modification as defined in 11 Miss. Admin. Code Pt. 2, Ch. 2 "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or 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:</p> <ul style="list-style-type: none"><li>(a) routine maintenance, repair, and replacement;</li><li>(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;</li><li>(c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;</li><li>(d) use of an alternative fuel or raw material by a stationary source which: (i) 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 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166;</li><li>(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 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or</li><li>(f) any change in ownership of the stationary source" [11 Miss. Admin.Code Pt. 2, R. 2.1.D(2).]</li></ul>
T-18	<p>General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]</p>
T-19	<p>General Condition: The permittee shall retain all required records, monitoring data, supported 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 MDEQ as required by Applicable Rules and Regulations or this permit upon request. [11 Miss. Admin.Code Pt. 2, R.2.9.]</p>
T-20	<p>General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]</p>

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**AI0000004598 Manufacturer of resilient floor covering.:**

### Narrative Requirements:

Condition No.	Condition
T-21	<p>General Condition: Emergencies</p> <p>(a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.</p> <p>(b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.</p> <p>(c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof.</p> <p>(e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]</p>
T-22	<p>General Condition: Upsets</p> <p>(a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.</p> <p>(c) This provision is in addition to any upset provision contained in any applicable requirement. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>

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### Narrative Requirements:

Condition No.	Condition
T-23	<p>General Condition: Startups and Shutdowns</p> <p>(a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above; (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.</p> <p>(c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>
T-24	<p>General Condition: Maintenance</p> <p>(a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following: (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.</p> <p>(c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>
T-25	<p>General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.8.]</p>

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### GRPT0000000001 (AF-100) Emergency Equipment:

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Points AF-101 and AF-102, the permittee is subject to and shall comply with 40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE) by October 19, 2013, in accordance with 40 CFR 63.6585(c), 63.6590(a)(1)(iii), and 63.6595(a)(1). [40 CFR 63.6585(c), 40 CFR 63.6590(a)(1)(iii), 40 CFR 63.6595(a)(1)]
L-2		<p>For Emission Points AF-101 and AF-102, the permittee shall comply with the following requirements:</p> <p>(a) change oil and filter every 500 hours of operation or annually, whichever comes first;</p> <p>(b) inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and</p> <p>(c) inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. [40 CFR 63.6603(a)]</p>

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### GRPT0000000001 (AF-100) Emergency Equipment:

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>For Emission Points AF-101 and AF-102, the permittee shall comply with the following monitoring requirements:</p> <p>(a) operate and maintain according to the manufacturer's emission-related written instructions or develop a maintenance plan which shall provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions;</p> <p>(b) install a non-resettable hour meter;</p> <p>(c) minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply; and</p> <p>(d) the permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement. The oil analysis shall be performed at the same frequency specified for changing the oil. The analysis program shall at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Acid Number increases by more than 3.0 milligrams of potassium hydroxide (KOH) per gram from Total Acid Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee shall change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee shall change the oil within 2 days or before commencing operation, whichever is later. The permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR 63.6625(e), (f), (h) and (j)]</p>

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### GRPT0000000001 (AF-100) Emergency Equipment:

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-2		<p>For Emission Points AF-101 and AF-102, the permittee shall comply with the following continuous compliance requirements:</p> <p>(a) work or management practices by operating and maintaining according to the manufacturer's emission-related operation and maintenance instructions or by developing and following a maintenance plan which shall provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions;</p> <p>(b) report each instance in which an emission or operating limitation (that applies) was not met according to 40 CFR 63.6650;</p> <p>(c) report each instance in which a general provisions requirement (that applies) was not met;</p> <p>(d) operate in accordance with the following:</p> <p>(1) there is no time limit on the use of emergency stationary RICE in emergency situations.</p> <p>(2) 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 associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The permittee may petition 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 emergency RICE beyond 100 hours per year. [40 CFR 63.6605, 40 CFR 63.6640(a), (b), (e) and (f)(1)]</p>



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### GRPT0000000001 (AF-100) Emergency Equipment:

#### Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>For Emission Points AF-101 and AF-102, the permittee shall comply with the following recordkeeping requirements:</p> <ul style="list-style-type: none"><li>(a) a copy of each notification and report submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status submitted, according to the requirement in 63.10(b)(2)(xiv);</li><li>(b) records of the occurrence and duration of each malfunction of operation ( i.e., process equipment) or the air pollution control and monitoring equipment;</li><li>(c) records of performance tests and performance evaluations as required in 63.10(b)(2)(viii);</li><li>(d) records of all required maintenance performed on the air pollution control and monitoring equipment; and</li><li>(e) records of actions taken during periods of malfunction to minimize emissions in accordance with 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation;</li><li>(f) keep the records required in Table 6 of this subpart (as stated in 40 CFR 63.6605 and 63.6640) to show continuous compliance with each emission or operating limitation that applies;</li><li>(g) keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the maintenance plan; and</li><li>(h) keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee shall document how many hours are spent for emergency operation (including what classified the operation as emergency). [40 CFR 63.6655(a), (d), (e) and (f)]</li></ul>

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Armstrong Flooring Inc

Facility Requirements

Permit Number: 1080-00004

Activity ID No.:PER20160002

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### GRPT0000000001 (AF-100) Emergency Equipment:

#### Record-Keeping Requirements:

Condition No.	Condition
R-2	<p>For Emission Points AF-101 and AF-102, the permittee shall comply with the following recordkeeping requirements:</p> <p>(a) records shall be in a form suitable and readily available for expeditious review according to 63.10(b)(1);</p> <p>(b) as specified in 63.10(b)(1), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record; and</p> <p>(c) keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 63.10(b)(1). [40 CFR 63.6660]</p>

#### Submittal/Action Requirements:

Condition No.	Condition
S-1	<p>For Emission Points AF-101 and AF-102, the permittee shall comply with the reporting requirement: if an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. The permittee shall report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable. [40 CFR 63_Subpart ZZZZ., Table 2d (Footnote 2)]</p>

## GENERAL INFORMATION

Armstrong Flooring Inc  
1085 Highway 80 West  
Jackson, MS  
Hinds County

### Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
4598	Armstrong Flooring, Inc.	Official Site Name	03/15/2016	
2804900004	Armstrong Flooring, Inc.	Air-AIRS AFS	10/12/2000	
MSD092093277	Armstrong World Industries, Inc.	Hazardous Waste-EPA ID	04/26/2000	03/18/2016
I08000004	Armstrong World Industries, Inc.	Air-Synthetic Minor Operating	05/22/1997	05/01/2002
MSR110161	Armstrong World Industries, Inc.	GP-Sara Title III	07/28/2000	01/17/2001
MSP090736	Armstrong World Industries, Inc.	Water - Pretreatment	11/14/1995	11/13/2000
MSP090736	Armstrong World Industries, Inc.	Water - Pretreatment	10/17/2001	07/03/2006
MSR110161	Armstrong World Industries, Inc.	GP-Baseline	01/17/2001	01/09/2006
I08000004	Armstrong World Industries, Inc.	Air-Synthetic Minor Operating	02/02/2004	01/06/2009
MSR110161	Armstrong World Industries, Inc.	GP-Baseline	01/09/2006	12/16/2010
MSP090736	Armstrong World Industries, Inc.	Water - Pretreatment	07/03/2006	02/17/2011
4598 001	Armstrong World Industries	GARD	11/12/1998	
I08000004	Armstrong World Industries Inc	Air-Synthetic Minor Operating	01/06/2009	12/31/2013
MSR110161	Armstrong World Industries, Inc.	GP-Baseline	12/16/2010	01/11/2016
MSP090736	Armstrong World Industries Inc	Water - Pretreatment	02/17/2011	01/11/2016
I08000004	Armstrong World Industries Inc	Air-Synthetic Minor Operating	03/18/2014	03/15/2016
MSP090736	Armstrong World Industries Inc	Water - Pretreatment	01/11/2016	12/31/2020
MSR110161	Armstrong World Industries, Inc.	GP-Baseline	01/11/2016	10/31/2020
4598	Armstrong World Industries, Inc.	Historic Site Name	11/14/1995	03/15/2016
MSD092093277	Armstrong Flooring Inc - Jackson MS	Hazardous Waste-EPA ID	03/18/2016	
I08000004	Armstrong Flooring Inc	Air-Synthetic Minor Operating	03/15/2016	02/28/2019

**Basin:** Pearl River Basin

## GENERAL INFORMATION

**Location Description:**

PG- Plant Entrance (General). Data collected by Mike Hardy on 10/26/2005. Elevation 295 feet. Parking lot next to gate.