

# ADEQ

ARKANSAS  
Department of Environmental Quality

**JAN - 4 2019**

Tracy Riley, Planning/Scheduling Manager  
Akin House, Inc.  
100 East Brookhaven Drive  
Dumas, AR 71639

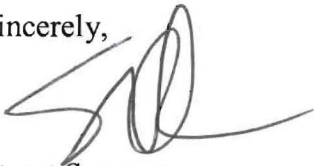
Dear Mr. Riley:

The enclosed Permit No. 1949-AR-10 is your authority to construct, operate, and maintain the equipment and/or control apparatus as set forth in your application initially received on 9/21/2018.

After considering the facts and requirements of A.C.A. §8-4-101 et seq. as referenced by §8-4-304, and implementing regulations, I have determined that Permit No. 1949-AR-10 for the construction and operation of equipment at Akin House, Inc. shall be issued and effective on the date specified in the permit, unless a Commission review has been properly requested under Arkansas Department of Pollution Control & Ecology Commission's Administrative Procedures, Regulation 8, within thirty (30) days after service of this decision.

The applicant or permittee and any other person submitting public comments on the record may request an adjudicatory hearing and Commission review of the final permitting decisions as provided under Chapter Six of Regulation No. 8, Administrative Procedures, Arkansas Pollution Control and Ecology Commission. Such a request shall be in the form and manner required by Regulation 8.603, including filing a written Request for Hearing with the APC&E Commission Secretary at 101 E. Capitol Ave., Suite 205, Little Rock, Arkansas 72201. If you have any questions about filing the request, please call the Commission at 501-682-7890.

Sincerely,



Stuart Spencer  
Associate Director, Office of Air Quality

Enclosure: Final Permit

## RESPONSE TO COMMENTS

**AKIN HOUSE, INC.  
PERMIT #1949-AR-10  
AFIN: 21-00121**

On November 7, 2018, the Director of the Arkansas Department of Environmental Quality gave notice of a draft permitting decision for the above referenced facility. During the comment period, written comments on the draft permitting decision were submitted. The Department's response to these issues follows.

*Note: The following page numbers and condition numbers refer to the draft permit. These references may have changed in the final permit based on changes made during the comment period.*

**Comment #1:**

Add SN-16 to the list of sources under "Coating Operations" in Specific Condition #6. The Statement of Basis states that the emission calculations for SN-16 include a maximum VOC content of 8.0 lb/gal similar to the rest of the sources in the coating operations. As such, SN-16 should be included in Specific Condition #6 as a way to show compliance with the VOC emission limits.

**Response to Comment #1:**

Specific Condition #6 has been changed to the following:

6. The permittee shall not exceed the VOC content (as applied) for any coating product used in the Coatings Operations (SN-05 through SN-07, SN-10 through SN-14, SN-16, and SN-17) or any glue used in the adhesives operations (SN-15) as outlined in the following table. [Reg.19.705 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]

Product	VOC Content (lb/gal)
All Coatings	8.0
Adhesives	8.0

**Comment #2:**

Revert Specific Condition #7 back to the TLV table. The condition limiting the facility from emitting any single HAP with TLV less than 1 mg/m<sup>3</sup> can be problematic with some potential pollutants that can be found in some formulation.

**Response to Comment #2:**

Specific Condition #7 has been changed to the following:

7. The permittee shall not exceed the component content for any coating product used in the Coatings Operations (SN-05 through SN-07, SN-10 through SN-14, SN-16, and SN-17)

or any glue used in the adhesives operations (SN-15) as outlined in the following table.  
[Regulation 18, §18.801 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Maximum Single HAP Concentration (lb/gal)	Minimum TLV (mg/m <sup>3</sup> )
8.00	176.1
7.00	154.1
6.00	132.1
5.00	110.1
4.00	88.1
2.00	44.0
3.00	66.0
2.00	44.0
1.00	22.0
0.75	16.5
0.50	11.0
0.25	5.5
0.10	2.2

**Comment #3:**

Remove Specific Condition #8 since it is outdated and redundant with Specific Conditions #13 and #15.

**Response to Comment #3:**

Specific Condition #8 has been removed.

# ADEQ MINOR SOURCE AIR PERMIT

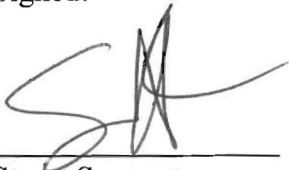
Permit No. : 1949-AR-10

IS ISSUED TO:

Akin House, Inc.  
100 East Brookhaven  
Dumas, AR 71639  
Desha County  
AFIN: 21-00121

THIS PERMIT IS THE ABOVE REFERENCED PERMITTEE'S AUTHORITY TO CONSTRUCT, MODIFY, OPERATE, AND/OR MAINTAIN THE EQUIPMENT AND/OR FACILITY IN THE MANNER AS SET FORTH IN THE DEPARTMENT'S MINOR SOURCE AIR PERMIT AND THE APPLICATION. THIS PERMIT IS ISSUED PURSUANT TO THE PROVISIONS OF THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT (ARK. CODE ANN. § 8-4-101 *ET SEQ.*) AND THE REGULATIONS PROMULGATED THEREUNDER, AND IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:



Stuart Spencer  
Associate Director, Office of Air Quality

**JAN - 4 2019**

Date

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#### List of Acronyms and Abbreviations

Ark. Code Ann.	Arkansas Code Annotated
AFIN	ADEQ Facility Identification Number
C.F.R.	Code of Federal Regulations
CO	Carbon Monoxide
HAP	Hazardous Air Pollutant
lb/hr	Pound Per Hour
No.	Number
NO <sub>x</sub>	Nitrogen Oxide
PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter Smaller Than Ten Microns
SO <sub>2</sub>	Sulfur Dioxide
Tpy	Tons Per Year
UTM	Universal Transverse Mercator
VOC	Volatile Organic Compound

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Section I: FACILITY INFORMATION

PERMITTEE: Akin House, Inc.  
AFIN: 21-00121  
PERMIT NUMBER: 1949-AR-10  
FACILITY ADDRESS: 100 East Brookhaven  
Dumas, AR 71639  
MAILING ADDRESS: 100 East Brookhaven Drive  
Dumas, AR 71639  
COUNTY: Desha County  
CONTACT NAME: Tracy Riley  
CONTACT POSITION: Planning/Scheduling Manager  
TELEPHONE NUMBER: (870) 382-4808  
REVIEWING ENGINEER: Alexander Sudibjo  
UTM North South (Y): Zone 15: 3749015.18 m  
UTM East West (X): Zone 15: 639904.96 m

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AFIN: 21-00121

## Section II: INTRODUCTION

### Summary of Permit Activity

Akin House, Incorporated (AFIN: 21-00121) manufactures wood and upholstered furniture for the healthcare industry at its location of 100 East Brookhaven, Dumas, Desha County, Arkansas. With this deminimis modification, the facility is adding a coatings mixing system as SN-17. This source will be part of the coatings operations emissions bubble and no increase in permitted emissions is requested for the bubble. There are no changes to the facility's permitted annual emissions.

### Process Description

The wood manufacturing process begins when the various types and grades of lumber are received into the wood products building. In this building the lumber is cut, sanded, milled, or otherwise processed through various woodworking operations to create the wood furniture components. All sawdust generated from these operations is exhausted through two cyclones (SN-02 and SN-03) and one baghouse (SN-01). Sawdust emissions captured by the cyclones and baghouse are collected in the sawdust loadout and hauled offsite. Fugitive emissions generated from sawdust handling are designated SN-04.

An adhesive that is applied through a hand operated rolling technique is used to glue the wood furniture pieces together. The Volatile Organic Compounds (VOC) and HAP emissions associated with the application of these adhesives are designated as SN-12.

The assembled furniture is transported from the wood products building to the finishing room, which houses the coatings operations. After entering the finishing room, the assembled furniture is placed onto a pan conveyor which routes each piece through a series of hand-operated coating application booths and natural gas fired curing ovens. Depending upon need, each piece may or may not receive a coat at each booth. The sources in this area are the NGR/Toner Booth (SN-05), Penetrating Stain Booth (SN-06), Wiping Stain Oven (insignificant activity), Lacquer Booth #1 (SN-07), Lacquer Oven (insignificant activity), Touch-Up Booth #1 (SN-10), Lacquer Booth #2 (SN-11), and Coatings Mixing System (SN-17). The furniture is routed through the Lacquer Oven twice, once after Lacquer Booth #1, then again after Lacquer Booth #2. Both ovens are natural gas fired.

Following the coatings applications, the furniture is routed to the Touch-Up Area (SN-13) within the finishing room. Should the piece require edge-fill due to imperfections or irregularities in the wood edges, it is moved by-hand to the Edge Fill/Touch-Up Booth #2 (SN-14) for repairs. Handheld aerosol spray cans (SN-16) are also used in the touch-up activities.

In addition to traditionally finished wood furniture, the facility manufactures vinyl laminated wood furniture. This type of furniture is characterized by a wood substrate covered by a thin layer of vinyl film that is affixed by an adhesive. In order to prepare the wood substrate for the



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application of the vinyl, the wood is sprayed with an adhesive and allowed to cure in the Adhesives area (SN-15) located in the Southeast corner of the upholstery building. After final assembly of the furniture is completed, the pieces are packaged and stored prior to shipment.

### Regulations

The following table contains the regulations applicable to this permit.

Regulations
Arkansas Air Pollution Control Code, Regulation 18, effective March 14, 2016
Regulations of the Arkansas Plan of Implementation for Air Pollution Control, Regulation 19, effective March 14, 2016

### Total Allowable Emissions

The following table is a summary of emissions from the facility. This table, in itself, is not an enforceable condition of the permit.

TOTAL ALLOWABLE EMISSIONS		
Pollutant	Emission Rates	
	lb/hr	tpy
PM	10.6	45.6
PM <sub>10</sub>	10.6	45.6
PM <sub>2.5</sub>	See Note*	
VOC	232.9	99.8
Single HAP**	232.44	9.5
Total HAP**	232.55	23.7
Acetone***	194.30	30.00

\* PM<sub>2.5</sub> limits are source specific, if required. Not all sources have PM<sub>2.5</sub> limits.

\*\* HAPs included in the VOC total.

\*\*\* Air Contaminants such as ammonia, acetone, and certain halogenated solvents are not VOCs or HAPs.

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### Section III: PERMIT HISTORY

Permit #1949-A was issued to Akin Industries, Inc. in Dumas on January 9, 2001. No previous permits were issued for this facility. This facility was acquired by Akin Industries in 2000. It was previously operated as a wood furniture manufacturing facility by Bassett Furniture Industries of North Carolina, Inc. The facility was inactive for an approximate twelve-month time period preceding Akin's acquisition of the plant.

Permit #1949-AR-1 was a modification that allowed the facility to increase its emission of acetone to 20 tons per year. The facility requested increased acetone usage in order to reduce the usage of Hazardous Air Pollutants (HAP).

Permit #1949-AR-2 was a modification which allowed the facility to construct and operate two spray application booths (SN-14 and SN-15) along with a coating testing process (Insignificant Activity). With the permit modification the annual permitted emissions of total HAP increased by 0.2 tpy to a total allowable combined HAP emission of 23.7 tpy.

Permit #1949-AR-3 was issued on August 14, 2006. The facility utilized unused production capacity which increased raw material usage. The permitted VOC emission limit was increased by 19.0 tpy. Actual PM, PM10, and HAP emissions increased, but the existing permit limits are based on the maximum production capacity of the equipment. Therefore, permitted PM, PM10, and HAP limits were not increased.

Permit #1949-AR-4 was issued on July 11, 2008. The facility proposed to utilize existing unused production capacity and to increase the permitted plantwide VOC limit by 8.8 tpy.

Permit #1949-AR-5 was issued on September 25, 2009. Joernes requested use handheld aerosol spray cans (SN-16) for various touch up activities at the facility. The emissions increase associated with this modification was 0.13 tpy VOC, and the facility did not request an increase in the permitted plantwide limit of 99.8 tpy VOC.

Permit #1949-AR-6 was issued on October 25, 2010. Joernes requested a permit modification to increase acetone emission limits by 10.0 tpy to allow additional use of acetone based products rather than HAP formulated products. Joernes did not propose to add new equipment or modify existing equipment.

Permit #1949-AR-7 was issued on March 7, 2011. The coatings used at SN-05 and SN-06 were changed. The facility did not propose to increase the plantwide VOC or acetone limits.

Permit #1949-AR-8 was issued on January 10, 2013. Joernes requested to increase the handheld aerosol spray annual usage from 30.5 gallons to 300 gallons. Permitted VOC and HAP emission limits were not increased.

Permit #1949-AR-9 was issued on March 27, 2014. The facility submitted an administrative amendment to remove the usage of sealer coatings during operation and update source

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descriptions in the permit to reflect the change. Additionally, the facility is transferring ownership from Joernes Healthcare, Incorporated to Akin House, Incorporated.

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Section IV: EMISSION UNIT INFORMATION

Specific Conditions

- The permittee shall not exceed the emission rates set forth in the following table.  
 [Reg.19.501 et seq. and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]

SN	Description	Pollutant	lb/hr	tpy
01	Woodworking	PM <sub>10</sub>	0.1	0.4
02	Woodworking	PM <sub>10</sub>	5.2	22.5
03	Woodworking	PM <sub>10</sub>	5.2	22.5
04	Woodworking	PM <sub>10</sub>	0.1	0.2
Coatings Operations				
05	NGR/Toner Booth	VOC	208.0	99.8
06	Penetrating Stain Booth			
07	Lacquer Booth #1			
10	Touch-Up Booth #1			
11	Lacquer Booth #2			
12	Glue Emissions			
13	Touch-Up Area			
14	Edge Fill/Touch-up Booth #2			
17	Coatings Mixing System			
15	Adhesives			
16	Handheld Aerosol Spray Can Application	VOC	0.9	

- The permittee shall not exceed the emission rates set forth in the following table.  
 [Reg.18.801 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]

SN	Description	Pollutant	lb/hr	tpy
01	Woodworking	PM	0.1	0.4

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SN	Description	Pollutant	lb/hr	tpy
02	Woodworking	PM	5.2	22.5
03	Woodworking	PM	5.2	22.5
04	Woodworking	PM	0.1	0.2
Coatings Operations				
05	NGR/Toner Booth	Acetone Single HAP Total HAP	174.20 208.00 208.00	30.00** 9.50* 23.70*
06	Penetrating Stain Booth			
07	Lacquer Booth #1			
10	Touch-Up Booth #1			
11	Lacquer Booth #2			
12	Glue Emissions			
13	Touch-Up Area			
14	Edge Fill/Touch-up Booth #2			
17	Coatings Mixing System			
15	Adhesives			
16	Handheld Aerosol Spray Can Application	Single HAP Total HAP	0.44 0.55	9.50* 23.70*

\* The facility may emit up to the permitted limit, for each individual HAP, but in no case shall the sum of the individual HAP emissions exceed that of the permitted limit for Total HAP.

\*\* Acetone is not a HAP and the annual emission of Acetone from all sources must not exceed 30.0 tpy.

3. Visible emissions may not exceed the limits specified in the following table of this permit as measured by EPA Reference Method 9. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

SN	Limit	Regulatory Citation
01-04	15%	§18.501

4. The permittee shall not cause or permit the emission of air contaminants, including odors or water vapor and including an air contaminant whose emission is not otherwise prohibited by Regulation #18, if the emission of the air contaminant constitutes air pollution within the meaning of A.C.A. §8-4-303. [Regulation 18, §18.801 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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5. The permittee shall not conduct operations in such a manner as to unnecessarily cause air contaminants and other pollutants to become airborne. [Regulation 18, §18.901 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. The permittee shall not exceed the VOC content (as applied) for any coating product used in the Coatings Operations (SN-05 through SN-07, SN-10 through SN-14, SN-16, and SN-17) or any glue used in the adhesives operations (SN-15) as outlined in the following table. [Reg.19.705 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]

Product	VOC Content (lb/gal)
All Coatings	8.0
Adhesives	8.0

7. The permittee shall not exceed the component content for any coating product used in the Coatings Operations (SN-05 through SN-07, SN-10 through SN-14, SN-16, and SN-17) or any glue used in the adhesives operations (SN-15) as outlined in the following table. [Regulation 18, §18.801 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Maximum Single HAP Concentration (lb/gal)	Minimum TLV (mg/m <sup>3</sup> )
8.00	176.1
7.00	154.1
6.00	132.1
5.00	110.1
4.00	88.1
2.00	44.0
3.00	66.0
2.00	44.0
1.00	22.0
0.75	16.5
0.50	11.0
0.25	5.5
0.10	2.2

8. The permittee shall not exceed the HAP or VOC content limits given in Specific Conditions #6 and #7. Use of a coating or solvent containing different components in amounts equal to or less than the HAP contents listed in Specific Condition #7 may be substituted provided that the ACGIH Threshold Limit Values, as listed on the current MSDS forms, or in the ACGIH handbook of Threshold Limit Values (TLVs) and Biological Exposure Indices (BEIs), of the new components are equal to or higher than that given in Specific Condition #7. These substitution values shall be documented,

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maintained on site, and provided to Department personnel upon request and may be used by the Department for enforcement purposes. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

9. The permittee shall not emit in excess of 99.8 tons of VOC during any consecutive twelve month period. Compliance with this condition will be shown through compliance with Specific Condition #12. [Regulation 19, §19.501 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
10. The permittee shall not use more 300 gallons of handheld aerosol spray coating at the facility per consecutive 12 month period. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
11. The permittee shall maintain monthly records which demonstrate compliance with Specific Conditions #10 and #16. The permittee shall update the records by the fifteenth day of the month following the month to which the records pertain. The permittee will keep the records onsite, and make the records available to Department personnel upon request. A twelve month rolling total and each individual month's data shall be submitted in accordance with General Condition #6. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
12. The permittee shall maintain records of the amount of VOC emissions each month. These records shall indicate the amount of each VOC-containing material used during that month as well as the corresponding VOC content for that material. The monthly emissions shall be calculated for each material by multiplying the usage by the corresponding VOC content. The total VOC emissions from all products shall also be indicated on these records. A copy of the MSDS sheet for each product used shall accompany these records. The permittee will update the records by the fifteenth day of the month following the month to which the records pertain. A twelve month rolling average of total VOC emissions and each individual month's data shall be kept on-site and shall be made available to Department personnel upon request. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
13. The permittee shall not emit in excess of 9.5 tons of any single hazardous air pollutant or 23.7 tons of any combination of hazardous air pollutants during any consecutive twelve month period. Compliance with this condition shall be shown by compliance with Specific Condition #14. [Regulation 18, §18.801 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
14. The permittee shall maintain records of the amount of HAP emissions each month. These records shall indicate the amount of each HAP-containing material used during that month, as well as the corresponding HAP content for each HAP in that material. The monthly emissions shall be calculated for each material by multiplying the usage by the corresponding HAP content(s). The total HAP emissions from all products shall also be indicated on these records. A copy of the MSDS sheet for each product used shall

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accompany these records. The permittee will update the records by the fifteenth day of the month following the month to which the records pertain. A twelve month rolling total of HAP emissions and each individual month's data shall be kept on-site and shall be made available to Department personnel upon request. [Regulation 18, §18.1004 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

15. The permittee shall demonstrate that the degree of accuracy of the calculations used to determine emissions is sufficient to prove that the major source thresholds (i.e. 100 tpy of a criteria pollutant, 10/25 tpy of individual/combined HAPs) have not been exceeded if the actual emissions are calculated at or above 95% of the major threshold. For demonstration of compliance with this condition, all calculations, recordkeeping and monitoring of emissions and other data shall be based on defensible data. Defensible data shall consist of sufficient documentation to evaluate the source and relative accuracy of the data. When using data consisting of ranges of values the permittee shall use the worst-case values (resulting in the highest estimated emissions) in calculations or reporting. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
16. The permittee shall include the potential to emit for any activity listed in Section V: Insignificant Activities of this permit for any pollutant to which Specific Condition #15 applies in the demonstration that major source thresholds have not been exceeded. The permittee may use actual emissions from those activities provided that at least the same degree of accuracy as required in Specific Condition #15 can be demonstrated. In no case shall the sum of emissions from the above permitted sources and the activities listed in Section V exceed major source thresholds. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
17. The permittee shall review the MSDS (or other equivalent information) in Specific Conditions #12 and #14 no less frequent than annually. Any revisions to the VOC content shall be noted in the records. The permittee shall keep a record of each review and copies of the MSDS onsite for at least two years. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Note: The first review was required 180 days after the Permit No. 1949-AR-4 was issued. The permit was issued on July 11, 2008.



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### Section V: INSIGNIFICANT ACTIVITIES

The Department deems the following types of activities or emissions as insignificant on the basis of size, emission rate, production rate, or activity in accordance with Group A of the Insignificant Activities list found in Regulation 18 and Regulation 19 Appendix A. Group B insignificant activities may be listed but are not required to be listed in permits. Insignificant activity emission determinations rely upon the information submitted by the permittee in an application dated April 5, 2006. [Reg.19.408 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]

Description	Category
Wiping Stain Oven – 1.0 MMBtu/hr	Group A, Item 1
Lacquer Oven – 1.5 MMBtu/hr	Group A, Item 1
Coatings Laboratory	Group A, Item 8

Section VI: GENERAL CONDITIONS

1. Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101 *et seq.*) as the sole origin of and authority for the terms or conditions are not required under the Clean Air Act or any of its applicable requirements, and are not federally enforceable under the Clean Air Act. Arkansas Pollution Control & Ecology Commission Regulation 18 was adopted pursuant to the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101 *et seq.*). Any terms or conditions included in this permit that specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101 *et seq.*) as the origin of and authority for the terms or conditions are enforceable under this Arkansas statute.
2. This permit does not relieve the owner or operator of the equipment and/or the facility from compliance with all applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated under the Act. [Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
3. The permittee shall notify the Department in writing within thirty (30) days after each of the following events: commencement of construction, completion of construction, first operation of equipment and/or facility, and first attainment of the equipment and/or facility target production rate. [Reg.19.704 and/or Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
4. Construction or modification must commence within eighteen (18) months from the date of permit issuance. [Reg.19.410(B) and/or Reg.18.309(B) and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
5. The permittee must keep records for five years to enable the Department to determine compliance with the terms of this permit such as hours of operation, throughput, upset conditions, and continuous monitoring data. The Department may use the records, at the discretion of the Department, to determine compliance with the conditions of the permit. [Reg.19.705 and/or Reg.18.1004 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
6. A responsible official must certify any reports required by any condition contained in this permit and submit any reports to the Department at the address below. [Reg.19.705 and/or Reg.18.1004 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]

Arkansas Department of Environmental Quality  
Office of Air Quality  
ATTN: Compliance Inspector Supervisor

Akin House, Inc.  
Permit #: 1949-AR-10  
AFIN: 21-00121

5301 Northshore Drive  
North Little Rock, AR 72118-5317

7. The permittee shall test any equipment scheduled for testing, unless stated in the Specific Conditions of this permit or by any federally regulated requirements, within the following time frames: (1) newly constructed or modified equipment within sixty (60) days of achieving the maximum production rate, but no later than 180 days after initial start up of the permitted source or (2) existing equipment already operating according to the time frames set forth by the Department. The permittee must notify the Department of the scheduled date of compliance testing at least fifteen (15) business days in advance of such test. The permittee must submit compliance test results to the Department within sixty (60) calendar days after the completion of testing. [Reg.19.702 and/or Reg.18.1002 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
8. The permittee shall provide: [Reg.19.702 and/or Reg.18.1002 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
  - a. Sampling ports adequate for applicable test methods;
  - b. Safe sampling platforms;
  - c. Safe access to sampling platforms; and
  - d. Utilities for sampling and testing equipment
9. The permittee shall operate equipment, control apparatus and emission monitoring equipment within their design limitations. The permittee shall maintain in good condition at all times equipment, control apparatus and emission monitoring equipment. [Reg.19.303 and/or Reg.18.1104 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
10. If the permittee exceeds an emission limit established by this permit, the permittee will be deemed in violation of said permit and will be subject to enforcement action. The Department may forego enforcement action for emissions exceeding any limits established by this permit provided the following requirements are met: [Reg.19.601 and/or Reg.18.1101 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
  - a. The permittee demonstrates to the satisfaction of the Department that the emissions resulted from an equipment malfunction or upset and are not the result of negligence or improper maintenance, and the permittee took all reasonable measures to immediately minimize or eliminate the excess emissions.
  - b. The permittee reports the occurrence or upset or breakdown of equipment (by telephone, facsimile, or overnight delivery) to the Department by the end of the next business day after the occurrence or the discovery of the occurrence.
  - c. The permittee must submit to the Department, within five business days after the occurrence or the discovery of the occurrence, a full, written report of such occurrence, including a statement of all known causes and of the scheduling and

nature of the actions to be taken to minimize or eliminate future occurrences, including, but not limited to, action to reduce the frequency of occurrence of such conditions, to minimize the amount by which said limits are exceeded, and to reduce the length of time for which said limits are exceeded. If the information is included in the initial report, the information need not be submitted again.

11. The permittee shall allow representatives of the Department upon the presentation of credentials: [Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
  - a. To enter upon the permittee's premises, or other premises under the control of the permittee, where an air pollutant source is located or in which any records are required to be kept under the terms and conditions of this permit;
  - b. To have access to and copy any records required to be kept under the terms and conditions of this permit, or the Act;
  - c. To inspect any monitoring equipment or monitoring method required in this permit;
  - d. To sample any emission of pollutants; and
  - e. To perform an operation and maintenance inspection of the permitted source.
12. The Department issued this permit in reliance upon the statements and presentations made in the permit application. The Department has no responsibility for the adequacy or proper functioning of the equipment or control apparatus. [Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
13. The Department may revoke or modify this permit when, in the judgment of the Department, such revocation or modification is necessary to comply with the applicable provisions of the Arkansas Water and Air Pollution Control Act and the regulations promulgated the Arkansas Water and Air Pollution Control Act. [Reg.19.410(A) and/or Reg.18.309(A) and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
14. This permit may be transferred. An applicant for a transfer must submit a written request for transfer of the permit on a form provided by the Department and submit the disclosure statement required by Arkansas Code Annotated §8-1-106 at least thirty (30) days in advance of the proposed transfer date. The permit will be automatically transferred to the new permittee unless the Department denies the request to transfer within thirty (30) days of the receipt of the disclosure statement. The Department may deny a transfer on the basis of the information revealed in the disclosure statement or other investigation or, deliberate falsification or omission of relevant information. [Reg.19.407(B) and/or Reg.18.307(B) and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]

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15. This permit shall be available for inspection on the premises where the control apparatus is located. [Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
16. This permit authorizes only those pollutant emitting activities addressed herein. [Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
17. This permit supersedes and voids all previously issued air permits for this facility. [Reg. 18 and/or Reg. 19 and Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311]
18. The permittee must pay all permit fees in accordance with the procedures established in Regulation 9. [Ark. Code Ann. § 8-1-105(c)]
19. The permittee may request in writing and at least 15 days in advance of the deadline, an extension to any testing, compliance or other dates in this permit. No such extensions are authorized until the permittee receives written Department approval. The Department may grant such a request, at its discretion in the following circumstances:
  - a. Such an extension does not violate a federal requirement;
  - b. The permittee demonstrates the need for the extension; and
  - c. The permittee documents that all reasonable measures have been taken to meet the current deadline and documents reasons it cannot be met.

[Reg.18.314(A) and/or Reg.19.416(A), Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311, and 40 C.F.R. § 52 Subpart E]
20. The permittee may request in writing and at least 30 days in advance, temporary emissions and/or testing that would otherwise exceed an emission rate, throughput requirement, or other limit in this permit. No such activities are authorized until the permittee receives written Department approval. Any such emissions shall be included in the facility's total emissions and reported as such. The Department may grant such a request, at its discretion under the following conditions:
  - a. Such a request does not violate a federal requirement;
  - b. Such a request is temporary in nature;
  - c. Such a request will not result in a condition of air pollution;
  - d. The request contains such information necessary for the Department to evaluate the request, including but not limited to, quantification of such emissions and the date/time such emission will occur;
  - e. Such a request will result in increased emissions less than five tons of any individual criteria pollutant, one ton of any single HAP and 2.5 tons of total HAPs; and
  - f. The permittee maintains records of the dates and results of such temporary emissions/testing.

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[Reg.18.314(B) and/or Reg.19.416(B), Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311, and 40 C.F.R. § 52 Subpart E]

21. The permittee may request in writing and at least 30 days in advance, an alternative to the specified monitoring in this permit. No such alternatives are authorized until the permittee receives written Department approval. The Department may grant such a request, at its discretion under the following conditions:
  - a. The request does not violate a federal requirement;
  - b. The request provides an equivalent or greater degree of actual monitoring to the current requirements; and
  - c. Any such request, if approved, is incorporated in the next permit modification application by the permittee.

[Reg.18.314(C) and/or Reg.19.416(C), Ark. Code Ann. § 8-4-203 as referenced by Ark. Code Ann. §§ 8-4-304 and 8-4-311, and 40 C.F.R. § 52 Subpart E]

**CERTIFICATE OF SERVICE**

I, Cynthia Hook, hereby certify that a copy of this permit has been mailed by first class mail to Akin House, Inc., 100 East Brookhaven Drive, Dumas, AR, 71639, on this 4<sup>th</sup> day of January, 2019.



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Cynthia Hook, ASIII, Office of Air Quality