

ADEQ MINOR SOURCE AIR PERMIT

Permit #: 1923-AR-1

IS ISSUED TO:

Arkansas Children's Hospital
800 Marshall Street
Little Rock, AR 72202
Pulaski County
AFIN: 60-00689

THIS PERMIT IS ARKANSAS CHILDREN'S HOSPITAL'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. SEC. 8-4-101 *ET SEQ.*) AND THE REGULATIONS PROMULGATED THEREUNDER, AND IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:

Michael Bonds
Chief, Air Division

Date

Table of Contents

<u>Section I: FACILITY INFORMATION</u>	3
<u>Section II: INTRODUCTION</u>	4
<i>Summary</i>	4
<i>Process Description</i>	4
<i>Regulations</i>	5
<u>Section III: PERMIT HISTORY</u>	6
<u>Section IV: EMISSION UNIT INFORMATION</u>	7
<u>Section V: INSIGNIFICANT ACTIVITIES</u>	14
<u>Section VI: GENERAL CONDITIONS</u>	15

Section I: FACILITY INFORMATION

PERMITTEE: Arkansas Children's Hospital

AFIN: 60-00689

PERMIT NUMBER: 1923-AR-1

FACILITY ADDRESS: 800 Marshall St.
Little Rock, AR 72202

COUNTY: Pulaski

CONTACT PERSON: Richard James

TELEPHONE NUMBER: (501) 364-3801

FAX NUMBER: (501) 364-1580

REVIEWING ENGINEER: Charles Hurt

UTM North-South (Y): Zone 15 [3844.6]

UTM East-West (X): Zone 15 [564.8]



Section II: INTRODUCTION

Summary

Arkansas Children's Hospital (ACH) is located at 800 Marshall Street in Little Rock. ACH requested a permit modification to address the following:

- The removal of the medical waste incinerator (SN-01) from service;
- Replacement of Steam Boiler #4 (SN-02) with a new 21.0 MMBTU/hr boiler;
- Removal of the 150 KW Caterpillar Generator (SN-11) from service;
- Removal of the 155 KW Wasuksha Emergency Power Generator (SN-13) from service;
- Installation of two new 5.18 MMBTU/hr #2 Distillate Oil fired emergency generators (SN-14 and SN-15); and
- Increase permitted annual combustion limit of #2 Distillate Fuel Oil to 591,000 gallons.

Permitted SO₂, VOC, and NO_x emissions will increase by 21.0 tpy, 0.3 tpy, and 3.9 tpy respectively. Permitted PM/PM₁₀ and CO emissions will decrease by 3.8 tpy and 1.4 tpy, respectively.

Process Description

Steam Boilers (SN-02, SN-03, and SN-04)

ACH operates 5 steam boilers for the purpose of atmospheric heat and humidity control. Steam boilers No. 1 and 3 are 500 BHP Kewanee Firetube Steam Boilers. Boiler No. 2 is a 250 BHP Kewanee Firetube Boiler. Boiler No. 4 is a 500 BHP Hurst Firetube Boiler. A 750 BHP Kewanee Firetube Steam Boiler is located at the Energy Building. Each boiler is permitted for operation with natural gas and No. 2 distillate oil. Boiler No. 4 discharges through vent stack SN-02. Boilers No. 1, 2, and 3 discharge through vent stack SN-03 and the energy building boiler discharges emissions through SN-04. No. 2 Distillate Oil is stored in a 10,152 gallon underground storage tank and any of various smaller day tanks.

Turbine Engines (SN-05 and SN-06)

ACH has two Detroit Allison Model ASP 729 Gas Turbine Engines used for emergency electrical power generation only. The engines use No. 2 distillate oil and are capable of producing 2500 kW-hr and 3100 kW-hr. They vent through SN-05 and SN-06 respectively. The turbines are run several times per year for equipment checks. Fuel is stored in any of three above ground 8,000 gallon storage tanks or any of various smaller day tanks.

Other Emergency Generators (SN-07 through SN-15)

ACH has four Caterpillar 375 horsepower diesel engine powered generators on site for emergency power supply. Each set can produce 250 kW-hr of power. Each engine is tested weekly for proper operation. Each engine exhausts separately from SN-07, SN-08, SN-09, and SN-10.

An 88 horsepower Cummins-Onan emergency generator is located at the energy building. This diesel engine and generator can produce 62.5 kW-hr. The engine is tested weekly and only run in emergency situations. The engine exhausts through stack SN-12.

ACH also installed two new 500 kW emergency power generators (SN-14 and SN-15) in June of 2003. Both generators are Caterpillar Model No. 3412. Each engine exhausts through its own stack.

Generator engine fuel is stored in any of three above ground 8,000 gallon storage tanks or any of various smaller day tanks.

Regulations

<i>Source No.</i>	<i>Regulation Citations</i>
Plantwide	Regulation No. 18, <i>Arkansas Air Pollution Code</i>
	Regulation No. 19, <i>Regulations of the Arkansas Plan of Implementation for Air Pollution Control</i>
02, 04	40 CFR Part 60, Subpart Dc – <i>Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*</i>
05, 06	40 CFR Part 60, Subpart GG – <i>Standards of Performance for Stationary Gas Turbines</i>

* The boilers at SN-02, and SN-04 are not subject to the PM standards of Dc because they are all below 30 MMBTU/hr.

The following table is a summary of the facility's total emissions.

Table 1 - Total Allowable Emissions

Total Allowable Emissions		
Pollutant	Emissions Rates	
	lb/hr	tpy
PM	8.7	6.0
PM ₁₀	8.7	6.0
SO ₂	139.2	25.2
VOC	8.7	5.4
CO	27.3	40.6
NO _x	199.6	94.1

Section III: PERMIT HISTORY

Permit #395-I, issued on July 16, 1985, allowed ACH to operate a medical incinerator.

Permit #395-IR-1, issued on June 1, 1995, permitted the equipment change to a new incinerator.

On September 10, 1998, a CAO was issued to ACH due to deficiencies in records and permit violations. The CAO required ACH to submit a new application that included provisions for monitoring, protocols for continuous emissions monitors, and details pertaining to other previously unpermitted emission sources.

Permit #1923-A was issued to ACH on September 12, 2000. The incinerator was permitted to only process pathological wastes with a 20% maximum plastic contents. Due to the difficulties and hazards of monitoring the pathological waste stream, ACH has requested to discontinue surveys of each charge. The surveys have previously been required to show compliance with the 20% plastic limit. The request is granted by this permitting action on the basis that the pathological waste stream of a large hospital should remain consistent and the fact that this system has been specifically designed for this type of waste. Pollution control systems are adequately designed and calculations show that the requested plastic incineration will have insignificant contributions to dioxin and furan emissions. Only annual surveys will now be required to maintain compliance. Other issues addressed in this permitting action include a clarification in classes of wastes that will be allowed and an increase in permitted operating hours. Also, the permit addresses emissions resulting from boilers and emergency electrical generating equipment at ACH. The predominant pollutant at the facility is NO_x which is emitted at a rate of 90.3 TPY.

Section IV: EMISSION UNIT INFORMATION

1. The permittee will not exceed the emission rates set forth in the following table. [§19.501 *et seq.* of the Regulations of the Arkansas Plan of Implementation for Air Pollution Control, effective December 19, 2004 (Regulation 19) and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Table 2 - Criteria Pollutants

SN	Description	Pollutant	lb/hr	tpy
02	Steam Boiler #4 (21 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate Oil)	PM ₁₀	0.3	2.3 4.5 1.6 23.5 28.8
		SO ₂	10.5	
		VOC	0.2	
		CO	1.8	
		NO _x	3.0	
03	Steam Boilers #1 (16.74 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate)	PM ₁₀	0.3	
		SO ₂	8.4	
		VOC	0.1	
		CO	1.4	
		NO _x	2.4	
	Steam Boiler #2 (8.37 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate)	PM ₁₀	0.2	
		SO ₂	4.2	
		VOC	0.1	
		CO	0.7	
		NO _x	1.2	
	Steam Boiler #3 (16.74 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate)	PM ₁₀	0.3	
		SO ₂	8.4	
		VOC	0.1	
		CO	1.4	
		NO _x	2.4	
04	750 BHP Steam Boiler (25.1 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate Oil)	PM ₁₀	0.4	0.9
		SO ₂	12.1	2.2
		VOC	0.2	0.7
		CO	2.2	9.4
		NO _x	3.6	11.6
05	Gas Turbine #1 (57 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.4	0.2 16.0 0.1 0.1 18.8
		SO ₂	42.7	
		VOC	0.2	
		CO	0.2	
		NO _x	50.0	
06	Gas Turbine #2 (57 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.4	
		SO ₂	42.7	
		VOC	0.2	
		CO	0.2	
		NO _x	50.0	
SN	Description	Pollutant	lb/hr	Tpy

07	250 KW Emergency Power Generator #1 (2.55 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.8	1.3 1.2 1.5 3.8 17.6
		SO ₂	0.8	
		VOC	1.0	
		CO	2.5	
		NO _x	11.3	
08	250 KW Emergency Power Generator #2 (2.55 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.8	
		SO ₂	0.8	
		VOC	1.0	
		CO	2.5	
		NO _x	11.3	
09	250 KW Emergency Power Generator #3 (2.55 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.8	
		SO ₂	0.8	
		VOC	1.0	
		CO	2.5	
		NO _x	11.3	
10	250 KW Emergency Power Generator #4 (2.55 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.8	
		SO ₂	0.8	
		VOC	1.0	
		CO	2.5	
		NO _x	11.3	
12	62.5 KW Emergency Power Generator (0.57 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.2	0.2
		SO ₂	0.2	0.2
		VOC	0.2	0.2
		CO	0.6	0.4
		NO _x	2.5	1.6
14	500 KW Emergency Power Generator #1 (5.18 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.6	1.1 1.1 1.3 3.4 15.7
		SO ₂	1.4	
		VOC	1.7	
		CO	4.4	
		NO _x	20.1	
15	500 KW Emergency Power Generator #2 (5.18 MMBTU/hr #2 Distillate Oil Only)	PM ₁₀	0.6	
		SO ₂	1.4	
		VOC	1.7	
		CO	4.4	
		NO _x	20.1	

2. The permittee will not exceed the emission rates set forth in the following table. [§18.801 of the Arkansas Air Pollution Control Code, effective February 15, 1999 (Regulation 18) and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Table 3 - Non-Criteria Pollutants

SN	Description	Pollutant	lb/hr	tpy
02	Steam Boiler #4 (21 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate Oil)	PM	0.3	2.3
03	Steam Boilers #1 (16.74 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate)	PM	0.3	
	Steam Boiler #2 (8.37 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate)	PM	0.2	
	Steam Boiler #3 (16.74 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate)	PM	0.3	
04	750 BHP Steam Boiler (25.1 MMBTU/hr Primary Fuel: Natural Gas Secondary Fuel: #2 Distillate Oil)	PM	0.4	0.9
05	Gas Turbine #1 (57 MMBTU/hr #2 Distillate Oil Only)	PM	0.4	0.2
06	Gas Turbine #2 (57 MMBTU/hr #2 Distillate Oil Only)	PM	0.4	
07	250 KW Emergency Power Generator #1 (2.55 MMBTU/hr #2 Distillate Oil Only)	PM	0.8	1.3
08	250 KW Emergency Power Generator #2 (2.55 MMBTU/hr #2 Distillate Oil Only)	PM	0.8	
09	250 KW Emergency Power Generator #3 (2.55 MMBTU/hr #2 Distillate Oil Only)	PM	0.8	
10	250 KW Emergency Power Generator #4 (2.55 MMBTU/hr #2 Distillate Oil Only)	PM	0.8	
12	62.5 KW Emergency Power Generator (0.57 MMBTU/hr #2 Distillate Oil Only)	PM	0.2	0.2
14	500 KW Emergency Power Generator #1 (5.18 MMBTU/hr #2 Distillate Oil Only)	PM	0.6	1.1
15	500 KW Emergency Power Generator #2 (5.18 MMBTU/hr #2 Distillate Oil Only)	PM	0.6	

3. Visible emissions will 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]

Table 4 - Visible Emissions

SN	Opacity Limit Natural Gas	Opacity Limit #2 Distillate Oil	Regulatory Citation Natural Gas	Regulatory Citation #2 Distillate Oil
02	5%	20%	§18.501	§19.503
03	5%	20%	§18.501	§19.503
04	5%	20%	§18.501	§19.503
05	N/A	20%	N/A	§19.503
06	N/A	20%	N/A	§19.503
07	N/A	20%	N/A	§19.503
08	N/A	20%	N/A	§19.503
09	N/A	20%	N/A	§19.503
10	N/A	20%	N/A	§19.503
12	N/A	20%	N/A	§19.503
14	N/A	20%	N/A	§19.503
15	N/A	20%	N/A	§19.503

4. The permittee will 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. [§18.801 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
5. The permittee will not conduct operations in such a manner as to unnecessarily cause air contaminants and other pollutants to become airborne. [§18.901 of Regulation 18, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
6. The permittee shall not exceed the natural gas and fuel oil combustion limits and the fuel sulfur content set by the following table. [Regulation No. 19 §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Table 5 – Annual Fuel Combustion Limits and Maximum Allowable Sulfur Content in Fuel

SN	Consecutive 12 month Combustion Limit Natural Gas (MMscf)	Consecutive 12 month Combustion Limit #2 Distillate Oil (gallons)	Maximum Sulfur Content in #2 Distillate Fuel Oil (wt%)
02	548.0	120,000	0.5
03			
04	219.9	60,000	0.5

SN	Consecutive 12 month Combustion Limit Natural Gas (MMscf)	Consecutive 12 month Combustion Limit #2 Distillate Oil (gallons)	Maximum Sulfur Content in #2 Distillate Fuel Oil (wt%)
05	--	300,000	0.8
06			
07	--	56,000	0.3*
08			
09			
10			
12	--	5,000	0.3*
14	--	50,000	0.3*
15			

* Derived from emission factor used in emission calculations.

7. The permittee shall maintain monthly records which demonstrate compliance with the fuel limits established in Specific Condition #6. The records shall be updated by the 15th of the month following the month to which the records pertain. The records shall be kept on site and made available to Department personnel upon request. [Regulation No. 19 §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
8. The permittee shall demonstrate compliance with the maximum sulfur content in #2 distillate fuel oil as established in Specific Condition #6 through fuel certifications from the supplier. The certifications shall be updated each time a fuel storage tank is refilled. Records shall be kept onsite and made available to Department personnel upon request. [Regulation No. 19 §19.705 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

NSPS Requirements

SN-02 and SN-04

9. The boilers at SN-02 and SN-04 are affected sources of 40 CFR Part 60, Subpart Dc – *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*. The permittee shall comply with all applicable standards and monitoring, compliance, and recordkeeping requirements of 40 CFR Part 60, Subpart Dc including but not limited to the following: [Regulation No. 19 §19.304 and 40 CFR §60.40c (a)]
 - a. The permittee shall not cause to be discharged into the atmosphere any gas that contains SO₂ in excess of 0.50 lb/MMBTU heat input while combusting oil; or as an alternative, the permittee shall not combust oil that contains greater than 0.5 weight percent sulfur. The permittee does not qualify for the percent reduction requirements of Subpart Dc. [Regulation No. 19 §19.304 and 40 CFR §60.42c (d)]
 - b. The permittee may demonstrate compliance with the SO₂ emission limit or fuel oil sulfur limit based on certification from the fuel supplier, as described under §60.48c (f). Otherwise the permittee shall demonstrate compliance through the applicable requirements of §60.44c. [Regulation No. 19 §19.304 and 40 CFR §60.42c (h)(1)]

- c. The fuel supplier certification shall include the name of the supplier and a statement from the supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. [Regulation No. 19 §19.304 and 40 CFR §60.48c (f)(1)]
- d. The permittee is subject to the SO₂ and/or fuel oil sulfur limits at all times including periods of startup, shutdown, and malfunction. [Regulation No. 19 §19.304 and 40 CFR §60.42c (i)]
- e. The permittee shall record and maintain records of the amounts of oil combusted during each day. These records shall be kept for a period of no less than two years. These records shall be kept on site, updated daily, and made available to Department personnel upon request. This condition does not supersede General Condition #5. [Regulation No. 19 §19.304 and 40 CFR §60.48c (g) and (i)]

SN-05 and SN-06

- 10. The stationary gas turbines at SN-05 and SN-06 are affected source of 40 CFR Part 60, Subpart GG – *Standards of Performance for Stationary Gas Turbines*. The permittee shall comply with all applicable standards and monitoring, compliance, and recordkeeping requirements of 40 CFR Part 60, Subpart GG including but not limited to the following: [Regulation No. 19 §19.304 and 40 CFR §60.330 (a) and (b)]
 - a. The permittee shall not combust fuel oil in electric generators SN-05 and SN-06 that contains total sulfur in excess of 0.8 percent by weight. [Regulation No. 19 §19.304 and 40 CFR §60.333 (b)]
 - b. The permittee may demonstrate compliance with the SO₂ emission limit or fuel oil sulfur limit based on certification from the fuel supplier. [Regulation No. 19 §19.304 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
 - c. The permittee shall not operate electric generators SN-05 and SN-06 for purposes other than emergencies (i.e. the local electric provider cannot supply the power demanded by ACH). The only exception to this condition will be for periodic testing of equipment. [Regulation No. 19 §19.304 and 40 CFR Part §60.332 (g)]
 - d. The permittee shall maintain records of the amounts of oil combusted during each period of emergency. These records shall be kept on site, updated daily, and made available to Department personnel upon request. The permittee shall include in the report required for §60.7 (c) for each period, the type, reasons, and duration of the firing of the emergency fuel. [Regulation No. 19 §19.705, A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR §60.334 (j)(4)]

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 19 Appendix A. Insignificant activity emission determinations rely upon the information submitted by the permittee in an application dated August 25, 2004.

Table 5 - Insignificant Activities

Description	Category
Laboratory Hoods (56)	A-6
Diesel Fuel Tank 10,000 gallon	A-4
Jet Fuel Storage Tank 6,000 gallon	A-4
Diesel Fuel Tank 8,000 gallon	A-4
Diesel Fuel Tank 8,000 gallon	A-4
Diesel Fuel Tank 8,000 gallon	A-4
Diesel Fuel Tank 1,000 gallon	A-4
Diesel Fuel Tank 1,000 gallon	A-4

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 (A.C.A. §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 (A.C.A. §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 (A.C.A. §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. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
3. The permittee will notify the Department in writing within thirty (30) days after 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. [§19.704 of the Regulations of the Arkansas Plan of Implementation for Air Pollution Control (Regulation 19) and/or A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
4. Construction or modification must commence within eighteen (18) months from the date of permit issuance. [§19.410(B) of Regulation 19 and/or §18.309(B) of the Arkansas Air Pollution Control Code (Regulation 18) and A.C.A. §8-4-203 as referenced by A.C.A. §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. [§19.705 of Regulation 19 and/or §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §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. [§19.705 of Regulation 19 and/or §18.1004 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

Arkansas Department of Environmental
Quality
Air Division
ATTN: Compliance Inspector Supervisor
Post Office Box 8913
Little Rock, AR 72219

7. The permittee will 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) days in advance of such test. The permittee must submit compliance test results to the Department within thirty (30) days after the completion of testing. [§19.702 of Regulation 19 and/or §18.1002 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
8. The permittee will provide: [§19.702 of Regulation 19 and/or §18.1002 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §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;
 - d. Utilities for sampling and testing equipment.
9. The permittee will operate equipment, control apparatus and emission monitoring equipment within their design limitations. The permittee will maintain in good condition at all times equipment, control apparatus and emission monitoring equipment. [§19.303 of Regulation 19 and/or §18.1104 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §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: [§19.601 of Regulation 19 and/or §18.1101 of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §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 will allow representatives of the Department upon the presentation of credentials: [A.C.A. §8-4-203 as referenced by A.C.A. §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. [A.C.A. §8-4-203 as referenced by A.C.A. §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. [§19.410(A) of Regulation 19 and/or §18.309(A) of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §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. [§19.407(B) of Regulation 19 and/or §18.307(B) of Regulation 18 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

15. This permit shall be available for inspection on the premises where the control apparatus is located. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
16. This permit authorizes only those pollutant emitting activities addressed herein.
[A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
17. This permit supersedes and voids all previously issued air permits for this facility.
[Regulation 18 and 19 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
18. The permittee must pay all permit fees in accordance with the procedures established in Regulation No. 9. [A.C.A §8-1-105(c)]