

ADEQ DRAFT MINOR SOURCE AIR PERMIT

Permit No. : 2085-AR-3

IS ISSUED TO:

Ainsworth Pet Nutrition, Inc.
800 South Main Street
Dumas, AR 71639
Desha County
AFIN: 21-00144

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. SEC. 8-4-101 *ET SEQ.*) AND THE REGULATIONS PROMULGATED THEREUNDER, AND IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:

Mike Bates
Chief, Air Division

Date

Ainsworth Pet Nutrition, Inc.

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List of Acronyms and Abbreviations

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

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Section I: FACILITY INFORMATION

PERMITTEE: Ainsworth Pet Nutrition, Inc.

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PERMIT NUMBER: 2085-AR-3

FACILITY ADDRESS: 800 South Main Street
Dumas, AR 71639

MAILING ADDRESS: 800 South Main Street
Dumas, AR 71639

COUNTY: Desha County

CONTACT NAME: David Hairston

CONTACT POSITION: Director of Operations

TELEPHONE NUMBER: 870-382-2600

REVIEWING ENGINEER: Travis Porter

UTM North South (Y): Zone 15: 3749061.99 m

UTM East West (X): Zone 15: 639696.21 m

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Section II: INTRODUCTION

Summary of Permit Activity

Ainsworth Pet Nutrition, Inc. operates an animal feed mill located in Dumas (Desha County), Arkansas. SN-15 (Plant #2 Vertical Dryer #2) and SN-16 (Plant #2 Vertical Dryer #3) were permitted in Permit No. 2085-AR-2. At some point, these two vertical dryers were removed and replaced with one Horizontal Dryer, SN-15 (Plant #2 Horizontal Dryer). In this application, the company is permitting this source, SN-15. The company also asks to install a new cooler, SN-16 (Plant #2 Cooler #1). This cooler will control emissions from extruders SN-19, SN-34, and SN-35. The company also requests to add a new cooler, Plant #3 Pellet Cooler (SN-36) and to add two prefinish tanks, #3 and #4 to the plant vent system in Plant #3, SN-28. This activity also adds Salt Tank #7 as an Insignificant Activity. Permitted PM and PM₁₀ emissions increase by 22.5 tpy each. Permitted emissions decrease as follows: SO₂ by 0.1 tpy, VOC by 0.4 tpy, CO by 4.8 tpy, and NO_x by 5.7 tpy.

Process Description

Ainsworth Pet Nutrition, Inc. operates an animal feed mill located in Dumas (Desha County), Arkansas. The feed mill consists of two (2) plants which are designated as Plant #2 and Plant #3 throughout this application. Plant #1 is no longer in use and has been demolished. The following provides a brief description of the operations conducted at each plant.

Plant #2

Raw ingredients consisting of an assortment of cereal type grains are received from trucks in the designated unloading area at Plant # 2(SN-23). From the unloading area the raw ingredients are transferred to the raw storage bins that are part of Plant #2. Next, computers are used to select portions of the individual raw ingredients which are then transferred to scales where each portion of the ingredients is weighed to match the recipe that is programmed into the computers. From the scales, the raw ingredients are transported to the mixer where they are blended together. Once the raw ingredients are blended, the raw product is transferred to an overhead surge hopper before entering one (1) of three (3) hammer mills, designated as Plant #1 Hammer Mill #1 (SN-08), Plant #2 Hammer Mill #1 (SN-20), and Plant #2 Hammer Mill #3 where the mixed ingredients are ground to a predetermined size based on the given recipe. There is an additional hammer mill (SN-22), designated as the Whole Grain Hammer Mill, which is designed to precondition the raw grains (such as corn and soybeans) before they are transferred to the mixing bin. Each of the hammer mills is equipped with a bag-house dust collection system to remove particulate matter from the exhaust air stream of each hammer mill.

Upon leaving the hammer mills, the raw product is briefly stored in the extruder inlet bin before being extruded by one (1) or all of five (5) extruders designated as Extruder #1 (SN-17), Extruder #2 (SN-18), Extruder #3 (SN-19), Extruder #5 (SN-34), and Extruder #6 (SN-35). In the extrusion process the raw product is cooked, formed into pellets, transferred to the drier and

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dried or cooler and cooled in the three (3) systems designated as Dryer #1 (SN-14), Dryer #2 (SN-15), or Cooler (SN-16). SN-16 cools product from extruders SN-19, SN-34, and SN-35. Each individual dryer or cooler is equipped with a cyclone dust collection system to remove particulate matter from the exhaust air stream which is generated during these processes. Once the pellets leave the drying process, they are temporarily stored in a bin before being sent through the coating process. During the coating process, an assortment of flavorings is added to the pellets depending on the type of animal feed that is being made and coated with animal fat to seal the flavorings and ingredients inside the pellets. Once the pellets have been coated, they are stored in the finished feed bins before being packaged or loaded (SN-24) into trucks and delivered to the customer. PM emissions generated from internal grain handling in Plant #2 is designated as SN-25.

In addition, Batch Bins #60 and #61 (SN-26) have a bag-house dust collection system to remove particulate matter from the transfer of the fines to these bins from the Plant #3 cleaning process. Then the finished feed is packaged or loaded (SN-24) into trucks and delivered to the customer. PM emissions generated from internal grain handling in Plant #2 is designated as SN-25. In addition Plant #2 contains two (2) 500-hp boilers (SN-01 and SN-33) which are used during the feed making process.

Plant #3

Operations conducted in Plant #3 are not as extensive as the operations conducted in Plant #2. There are three (3) product streams entering Plant #3 from Plant #2. These three (3) product streams are designated as dry pellets and/or soft moist pellets. The first two (2) product streams, unfinished dry pellets, is received at Plant #3 from Dryer #1 and Dryer #2 in Plant #2 into four (4) pre-finished tanks (pre-finish tanks are inside building). The four (4) pre-finished tanks (SN-28) are equipped with a bag-house dust collection system to remove particulate matter generated from the transfer of the dry pellets into the tanks. The unfinished pellets are then sent through a cleaning process in which fines and broken pellets are removed and sent to Plant #2. The pellets are then transferred to the coaters where an assortment of flavorings is added to the pellets depending on the type of animal feed that is being made and coated with animal fat to seal the flavorings and ingredients inside the pellets. The pellets are then transferred into the coolers to lower the temperature of the pellets. The coolers (SN-27) and (SN-36) are equipped with cyclone dust collection systems to remove particulate matter generated during the cooling process. Once the pellets reach the desired temperature, they are transferred into a network of 16 finished feed bins. The bins (SN-29 and SN-30) are equipped with a cyclone dust collection systems to remove particulate matter generated from the transfer of the pellets into the finished feed bins. The pellets are then sent through another cleaning process in which additional fines and broken pellets are removed and sent to Plant #2. The pellets are then bagged in 4 to 55 pound bags and transported to the customer. The third product stream, dry or soft moist pellets, is received at Plant #3 from the Cooler (SN-16) in Plant #2. Soft moist pellets are sent to a cleaner inside Plant #2 where fines and broken pellets are removed. The conveyance system is equipped with a filtered vent system to capture particulate matter from the transfer of the soft moist product into the cleaner. The finished soft moist pellets are then sent to a horizontal bin or storveyor. Soft moist pellets are then blended with dry pellets from the 16 existing finished feed bins and

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bagged. The cleaning to finished feed bin system capacity is limited to two (2) dry pellet systems at a time. PM emissions from all internal grain handling conducted in Plant #3 is designated as SN-31.

Regulations

The following table contains the regulations applicable to this permit.

Regulations
Arkansas Air Pollution Control Code, Regulation 18, effective June 18, 2010
Regulations of the Arkansas Plan of Implementation for Air Pollution Control, Regulation 19, effective July 18, 2009
40 CFR 60 Subpart Dc - <i>Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units</i>

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	34.2	86.7
PM ₁₀	34.2	86.7
SO ₂	0.4	0.4
VOC	0.7	2.1
CO	6.2	26.2
NO _x	7.2	31.2

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Section III: PERMIT HISTORY

The initial permit for Arkat Nutrition, Inc., was issued on August 24, 2005. Arkat Nutrition, Inc. (Arkat) operates an animal feed mill located in Dumas (Desha County), Arkansas (AFIN 21-00144). The feed mill consists of three plants which are designated as Plant #1, Plant #2, and Plant #3. The facility operates two boilers (SN-01 and SN-13) that are subject to the requirements of 40 CFR Part 60 Subpart Dc - *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*. Initial permit authorized Arkat to process up to 279,200 tons of grain and 200,000 gallons of diesel fuel annually. The total allowable emission limits were 43.7 tons of PM and PM₁₀, and 0.8 tons of SO₂, 3.5 tons of VOC, 45.6 tons of CO, and 54.3 tons of NO_x.

2085-AR-1 was issued on January 4, 2010. In this modification, two boilers were removed as sources and one new boiler was added. Maximum grain processed was reduced, and small changes in some emissions resulted from rounding. Emission changes resulting from this activity were: PM and PM₁₀ decreased by 0.5 tpy each; VOC increased by 0.2 tpy; CO increased by 1.0 tpy; and NO_x increased by 1.2 tpy.

2085-AR-2 was issued on January 18, 2011. The company removed eleven sources from the permit and added two extruders, SN-34 and SN-35. Permitted grain throughput increased by 87,800 tpy to 325,000 tpy. Permitted emissions changed as follows: PM and PM₁₀, each, increased by 21.0 tpy; SO₂ decreased by 0.3 tpy; VOC decreased by 1.2 tpy; CO decreased by 15.6 tpy; and NO_x decreased by 18.6 tpy.

Section IV: EMISSION UNIT INFORMATION

Specific Conditions

1. The permittee shall not exceed the emission rates set forth in the following table.
[Regulation 19 §19.501 et seq. and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
01	Plant #2 Boiler – 500 hp-Backup to SN33 & may also serve Plt # 1	PM ₁₀	0.2	0.7
		SO ₂	0.1	0.1
		VOC	0.2	0.6
		CO	1.8	7.8
		NO _x	2.1	9.2
08	Plant #1 Hammer Mill #1 (Baghouse)	PM ₁₀	0.3	0.6
33	Plant #2 Boiler – 500 hp	PM ₁₀	0.2	0.7
		SO ₂	0.1	0.1
		VOC	0.2	0.6
		CO	1.8	7.8
		NO _x	2.1	9.2
14	Plant #2 Vertical Dryer #1 (Cyclone)	PM ₁₀	0.9	2.7
		SO ₂	0.1	0.1
		VOC	0.1	0.4
		CO	1.3	5.3
		NO _x	1.5	6.4
15	Plant #2 Vertical Dryer #2 (Cyclone)	PM ₁₀	0.9	2.7
		SO ₂	0.1	0.1
		VOC	0.1	0.4
		CO	1.3	5.3
		NO _x	1.5	6.4
16	Plant #2 Vertical Dryer #3 (Cyclone)	PM ₁₀	3.0	15.8
17	Plant #2 Extruder #1 (Cyclone)	PM ₁₀	3.0	8.3
18	Plant #2 Extruder #2 (Cyclone)	PM ₁₀	3.0	8.3
19	Plant #2 Extruder #3 (Cyclone)	PM ₁₀	1.8	3.9
20	Plant #2 Hammer Mill #1 (Baghouse)	PM ₁₀	0.5	0.7
21	Plant #2 Hammer Mill #2 (Baghouse)	PM ₁₀	0.5	0.7
22	Plant #2 Whole Grain Hammer Mill	PM ₁₀	0.5	0.3

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SN	Description	Pollutant	lb/hr	tpy
	(Baghouse)			
23	Plant #2 Grain Receiving Area	PM ₁₀	1.7	2.8
24	Plant #2 Feed Shipping Operations	PM ₁₀	0.3	0.6
25	Plant #2 Internal Grain Handling	PM ₁₀	7.4	10.0
26	Plant #2 Storage Bins #60 and #61 Vent System (Baghouse)	PM ₁₀	0.1	0.1
27	Plant #3 Pellet Cooler (Cyclone)	PM ₁₀	3.0	8.3
28	Plant #3 Pre-finishing Tanks #1, #2, #3, and #4 Vent System (Baghouse)	PM ₁₀	0.1	0.3
29	Plant #3 Blend Bins 1-16 Vent System (Cyclone)	PM ₁₀	0.1	0.3
31	Plant #3 Internal Grain Handling	PM ₁₀	2.5	6.6
32	Diesel Tank – 12,000 gallons	VOC	0.1	0.1
34	Plant #2 Extruder #4	PM ₁₀	0.6	2.0
35	Plant #2 Extruder #5	PM ₁₀	0.6	2.0
36	Plant #3 Pellet Cooler	PM ₁₀	3.0	8.3

2. The permittee shall not exceed the emission rates set forth 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]

SN	Description	Pollutant	lb/hr	Tpy
01	Plant #2 Boiler – 500 hp-Backup to SN33 & may also serve Plt # 1	PM	0.2	0.7
08	Plant #1 Hammer Mill #1 (Baghouse)	PM	0.3	0.6
33	Plant #2 Boiler – 500 hp	PM	0.2	0.7
14	Plant #2 Vertical Dryer #1 (Cyclone)	PM	0.9	2.7

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SN	Description	Pollutant	lb/hr	Tpy
15	Plant #2 Vertical Dryer #2 (Cyclone)	PM	0.9	2.7
16	Plant #2 Vertical Dryer #3 (Cyclone)	PM	3.0	15.8
17	Plant #2 Extruder #1 (Cyclone)	PM	3.0	8.3
18	Plant #2 Extruder #2 (Cyclone)	PM	3.0	8.3
19	Plant #2 Extruder #3 (Cyclone)	PM	1.8	3.9
20	Plant #2 Hammer Mill #1 (Baghouse)	PM	0.5	0.7
21	Plant #2 Hammer Mill #2 (Baghouse)	PM	0.5	0.7
22	Plant #2 Whole Grain Hammer Mill (Baghouse)	PM	0.5	0.3
23	Plant #2 Grain Receiving Area	PM	1.7	2.8
24	Plant #2 Feed Shipping Operations	PM	0.3	0.6
25	Plant #2 Internal Grain Handling	PM	7.4	10.0
26	Plant #2 Storage Bins #60 and #61 Vent System (Baghouse)	PM	0.1	0.1
27	Plant #3 Pellet Cooler (Cyclone)	PM	3.0	8.3
28	Plant #3 Pre-finishing Tanks #1, #2, #3, and #4 Vent System (Baghouse)	PM	0.1	0.3
29	Plant #3 Blend Bins 1-8 Vent System (Cyclone)	PM	0.1	0.3
31	Plant #3 Internal Grain Handling	PM	2.5	6.6
34	Plant #2 Extruder #4	PM	0.6.	2.0
35	Plant #2 Extruder #5	PM	0.6.	2.0
36	Plant #3 Pellet Cooler	PM	3.0	8.3

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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, 08, 20, 21, 22, 26, 28, and 33	5%	[Regulation No. 18 §18.501 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
14, 15, 16, 17, 18, 19, 27, 29, 34, 35, and 36	10%	[Regulation No. 18 §18.501 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
23, 24, 25, 31	20%	[Regulation No. 19 §19.503 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

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 §8-4-304 and §8-4-311]
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 §8-4-304 and §8-4-311]
6. The permittee shall not process more than 325,000 tons of grains received at the facility per rolling twelve-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]
7. Throughput at SN-32 shall not exceed 200,000 gallons of diesel fuel per rolling twelve-month period. [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 maintain monthly records which demonstrate compliance with Specific Conditions #6 and #7. The permittee will 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. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
9. The permittee shall combust only pipeline-quality natural gas in boilers SN-01 and SN-33. [§19.705 of Regulation 19 and A.C.A. §8 4 203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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NSPS Conditions

10. SN-01 and SN-33 are subject to 40 CFR 60, Subpart Dc – *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*. The permittee shall comply with all applicable regulations under 40 CFR 60, Subpart Dc. These requirements include, but are not limited to, the following: [§19.304 of Regulation 19 and 40 CFR Part 60, Subpart Dc]
 1. Record and maintain records of the total amount of natural gas combusted at each source during each calendar month. [§60.48c(g)(3)]
 2. Maintain the records for a period of two years following the date of such record. [§60.48c(i)]
11. If natural gas meters are not installed at SN-01 and/or SN-33, the permittee shall install gas meter(s) at the unmetered source(s) no later than 180 days from the issue date of this permit. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
12. As an alternative to measuring gas flow at each source, (SN-01 and SN-33), the permittee may ask the Department for approval of an alternative fuel usage recordkeeping plan. This plan would include proration of the monthly plant-wide fuel usage record into a monthly fuel usage record for each of the sources, SN-01 and SN -33. [§19.304 of Regulation 19 and 40 CFR 60 Subpart Dc]

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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 19 Appendix A. Insignificant activity emission determinations rely upon the information submitted by the permittee in an application dated September 19, 2011 and in a letter received December 19, 2011.

Description	Category
7500 Gallon Glycol Tank #5	A-3
7500 Gallon Glycol Tank #6	A-3
15,000 Gallon Salt Tank	A-13

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 §8-4-304 and §8-4-311]
3. The permittee shall 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. [Regulation 19 §19.704 and/or A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
4. Construction or modification must commence within eighteen (18) months from the date of permit issuance. [Regulation 19 §19.410(B) and/or Regulation 18 §18.309(B) and A.C.A. §8-4-203 as referenced by §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. [Regulation 19 §19.705 and/or Regulation 18 §18.1004 and A.C.A. §8-4-203 as referenced by §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. [Regulation 19 §19.705 and/or Regulation 18 §18.1004 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

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

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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 thirty (30) calendar days after the completion of testing. [Regulation 19 §19.702 and/or Regulation 18 §18.1002 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
8. The permittee shall provide: [Regulation 19 §19.702 and/or Regulation 18 §18.1002 and A.C.A. §8-4-203 as referenced by §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. [Regulation 19 §19.303 and/or Regulation 18 §18.1104 and A.C.A. §8-4-203 as referenced by §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: [Regulation 19 §19.601 and/or Regulation 18 §18.1101 and A.C.A. §8-4-203 as referenced by §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

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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: [A.C.A. §8-4-203 as referenced by §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 §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. [Regulation 19 §19.410(A) and/or Regulation 18 §18.309(A) and A.C.A. §8-4-203 as referenced by §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. [Regulation 19 §19.407(B) and/or Regulation 18 §18.307(B) and A.C.A. §8-4-203 as referenced by §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 §8-4-304 and §8-4-311]

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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)]
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.

[Regulation 18 §18.314(A), Regulation 19 §19.416(A), A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR Part 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 facilities 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.

[Regulation 18 §18.314(B), Regulation 19 §19.416(B), A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

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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.

[Regulation 18 §18.314(C), Regulation 19 §19.416(C), A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

Appendix A:

40 CFR 60 Subpart Dc - *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*