



ARKANSAS
Department of Environmental Quality

January 29, 2009

Mr. Ronnie Adkison, Human Resources Director
Cloyes Gear & Products, Inc.
P.O. Box 528
Paris, Arkansas 72855

Re: Notice of Administrative Amendment
Cloyes Gear & Products, Inc. – Subiaco
AFIN: 42-00115 Permit No.: 1633-AR-4

Dear Mr. Adkison:

Enclosed is revised Permit 1633-AR-4 completed in accordance with the provisions of Section 19.407 of Regulation No. 19, *Regulations of the Arkansas Plan of Implementation for Air Pollution Control*.

Cloyes' request to install two pieces of equipment, with a combined maximum design rate of 0.65 MMBtu/hr, and to add them to the Insignificant Activities list (A-1) is approved. The two pieces of equipment are:

1. Despatch Tempering Furnace, model PSE-13-16S, rated 0.25 MMBtu/hr, natural gas fired and
2. Thermo-Stack Thermal Oxidizer, version 6C, rated 0.40 MMBtu/hr, natural gas fired.

The natural gas-fired insignificant activities at the facility meet the Group A-1 criteria of less than 10 MM Btu/hr with combined aggregate pollutants which do not exceed 5 tpy of any combined HAPs and 10 tpy of any other pollutant. A typographical error has also been corrected. The Abbott steam treating furnace in the Insignificant Activities List is electrical, not natural gas-fired.

Please place the revised permit in your files. If you have any questions or comments, contact Patty Campbell, Engineer, at (479) 267-0811 ext. 19 or ADEQ Air Division - Permit Branch at (501) 682-0767.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Bates".

Mike Bates
Chief, Air Division

pc
Enclosure

ADEQ MINOR SOURCE AIR PERMIT


Permit No. : 1633-AR-4

IS ISSUED TO:

Cloyes Gear & Products, Inc.
Highway 22 West
Subiaco, AR 72865
Logan County
AFIN: 42-00115

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

January 29, 2009
Date

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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: Cloyes Gear Company, Incorporated

AFIN: 42-00115

PERMIT NUMBER: 1633-AR-3

FACILITY ADDRESS: Highway 22 West and Leo Avenue
Subiaco, AR 72865

MAILING ADDRESS: P.O. Box 528
Paris, AR 72855

COUNTY: Logan County

CONTACT NAME: Ronnie Adkison

CONTACT POSITION: Human Resources Director

TELEPHONE NUMBER: 501-963-2105, ext. 275

REVIEWING ENGINEER: Patty Campbell

UTM North South (Y): Zone 15: 3905869.96 m

UTM East West (X): Zone 15: 441509.06 m

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Section II: INTRODUCTION

Summary of Permit Activity

Cloyes Gear & Products, Inc. (Cloyes Subiaco) operates a powder metallurgy product manufacturing facility (NAICS 332117) located at Highway 22 West and Leo Avenue in Subiaco, Logan County, Arkansas 72865. This application is necessary to install a Despatch Tempering Furnace, rated 0.25 MMBtu/hr, and a Thermo-Stack Thermal Oxidizer, rated 0.40 MMBtu/hr, both natural gas fired and add them to the Insignificant Activities list (A-1). A typographical error has also been corrected. The Abbott steam treating furnace in the Insignificant Activities List is electrical, not natural gas-fired. There are no changes in emissions.

Process Description

Cloyes Subiaco manufactures automotive and industrial gears and sprockets (NAICS 333612). The vast majority of the production operation is concerned with the production of gears. Specially formulated powdered metal is purchased and delivered to the site. The metal formulation contains additives to allow the powder to be released from dies. The powdered metal is loaded into dies and pressed into the shape of the finished part. At this point, the part is extremely soft. The soft-formed parts are sent to one of twelve electric sintering furnaces: SN-20, 21, 22, 26, 27, 31, 32, 33, 34, 35, 43, and 44.

In the sintering furnace, the parts are heated to extremely high temperatures in the presence of hydrogen and nitrogen. The nitrogen acts as a carrier gas for the hydrogen, and to displace any oxygen in the furnace. The hydrogen reacts with the powdered metal in a catalytic reaction that binds the metal atoms together very tightly. During the sintering process, lubricants contained in the powdered metal formulation are ignited. These lubricants consist mainly of zinc stearate. The zinc stearate reacts with minute quantities of oxygen in the furnace to yield zinc oxide. The zinc oxide is exhausted as a particulate.

Cloyes is requesting to install two new endothermic gas generators (SN-60 and 61) to be used in an emergency situation. These gas generators will only be operated if there is an interruption in the supply of hydrogen gas. Hydrogen gas is used to displace the oxygen in the sintering furnaces. The generators provide an alternative to the hydrogen by cracking the natural gas and making an endothermic gas, primarily composed of hydrogen and carbon monoxide. Maximum hours of operation for these emergency generators are set at 8760 hours per year each and thus exceed the insignificant activity category.

Each sintering furnace is equipped with an Environmental Engineering Corporation (EEC) Thermo-Stack to control the particulate emissions. Emissions from the sintering process also include the products of natural gas combustion from the furnaces and Thermo-Stacks. Each Thermo-Stack is fired with natural gas at a maximum rate of 300,000 BTU/hr. The stacks are equipped with a refractory material to help hold the stack temperature in excess of 1000°F. At these temperatures, the stacks act as a thermal oxidizer to burn the particulates. The stacks are of sufficient length to provide residence times greater than or equal to 0.4 seconds for the flue gasses. The manufacturer's reported control efficiency for this device is published at greater than 90%. Some parts are taken through a second type of sintering furnace called a high temperature

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electric sintering furnace. This Area Electric 12" Belt Furnace (SN-23) has very little emissions and is equipped with a 95% efficient HEPA filter unit.

Sintered parts are passed to the Pre-heat Furnaces. The pre-heating process prevents the gears from cracking during the induction heat treating process. There are four Pre-heat Furnaces. Three Pre-heat Furnaces (SN-09, 10, and 11) are fueled by natural gas. The combustion products are vented to the atmosphere uncontrolled. Natural gas-fired Pre-Heat Furnace SN-08 has been removed and replaced with an Abbott electric pre-heat furnace with no emissions. It has been included in the Insignificant Activities List.

After pre-heating, the parts are passed to the Induction Heat Treating operation (SN-12, 13, 14, 15, and 30). Here, the gear teeth are hardened by passing inductive current through them, thus heating them to extremely high temperatures. Any oils and lubricants left over from the machining process will be ignited during the induction heat treating phase. These oils and lubricants are exhausted to the atmosphere through Aerology Filter Units. The filter units contain an Aerostar HEPA Filter that trap particulate matter. These filters are rated at 95% control efficiency by the manufacturer.

Some parts go through a high temperature tempering process to relieve stress in the Despatch Tempering Furnace (SN-42). Emissions from the tempering furnace are the products of natural gas combustion, which are vented through an Environmental Engineering Corporation (EEC) Thermo-Stack to control the particulate emissions. Some parts will be processed through a Holcroft System.

Holcroft System: Parts are exposed to high temperatures in the Holcroft Batch Heat Treating Furnace (SN-53 and 54). Atmosphere for the Furnace is provided by an Endothermic Generator (SN-56 and 57), which has a Burn-off Vent (SN-58). Parts then pass into a Quench Tank (SN-55) where the parts are cooled with quench oils (no heat input). The parts are then washed in a Batch Washer before entering the Tempering Furnace (SN-59) for final heat-treating. Some parts are also washed in the Batch Washer before they enter the Batch Heat Treating Furnace. All of the components on this Holcroft system are natural gas fired except for the Batch Washer, which uses electricity. Emissions from this system are particulates from the oils and lubricants and products of natural gas combustion.

Cloyes Subiaco has a PSI Water Systems Evaporator (formerly SN-41) to separate wastewater from residual oils. The water is evaporated to the atmosphere using a natural gas burner, and the residual oils and lubricants are collected for disposal by a commercial waste hauler. Emissions from the evaporator include the products of natural gas combustion, which are vented to the atmosphere uncontrolled. Previous Laboratory results have demonstrated that the water being evaporated does not contain any appreciable amount of organic material. This is an Insignificant Activity.

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Regulations

The following table contains the regulations applicable to this permit.

Regulations
Arkansas Air Pollution Control Code, Regulation 18, effective February 15, 1999
Regulations of the Arkansas Plan of Implementation for Air Pollution Control, Regulation 19, effective October 15, 2007

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	6.1	24.0
PM ₁₀	6.1	24.0
SO ₂	0.7	0.7
VOC	0.7	0.8
CO	1.0	2.9
NO _x	1.5	6.1

Section III: PERMIT HISTORY

Permit 1633-A, the original permit for the facility, was issued on February 19, 1997.

Permit 1633-AR-1 was issued on August 6, 2001. This modification added three Sintering Furnaces with 150,000 Btu/hr fired pre-heaters, a Can-Eng Continuous Belt Furnace and auxiliary equipment rated at 3.8 MMBtu/hr and a new tempering Furnace rated at 0.5 MMBtu/hr. Two pieces of equipment were moved to the Paris location of this company. VOC emissions were reduced by eliminating all hand dip solvent washing operations. Three sources without emissions were also eliminated from the permit.

Permit 1633-AR-2 was issued on February 5, 2004. This modification included the following changes and additions:

1. A 36" sintering furnace (SN-35) was relocated.
2. Two new 24" sintering furnaces (SN-43 and SN-44) were added.
3. A Dow Batch Heat Treating Furnace with multiple emission points (SN-45–SN-50), a Dow Batch Washer (SN-51), a Dow Tempering Furnace (SN-52), a Holcroft Batch Heat Treating Furnace with multiple emissions (SN-53–56 and SN-58), a Holcroft Tempering Furnace (SN-59), and an electric Batch Washer were added in a new building.

Several changes in the existing permit were revised to correct descriptions. About 3 tpy each of particulates and NO_x were added to the facility permitted emissions with this modification.

Permit 1633-AR-3 was issued on August 17, 2006. This modification permitted the following changes and additions:

1. to install two endothermic gas generators (SN-60 and 61);
2. to install a Dow Process System (SN-45, 46, 47, 48, 49, & 50);
3. to relocate an exiting furnace (SN-42);
4. to remove the Chain Process (SN-36, 37, 38, 39 and 40); and
5. to correct numerous administrative items.

Associated emissions from the new permitted equipment are: 0.2 tons/yr PM/PM₁₀, 0.2 tpy SO₂, 0.2 tpy, VOCs, 0.4 tpy, CO, and 1.0 tpy NO_x.

- Permit 1633-AR-3 was amended on August 22, 2007 with the following changes:
 1. The physical removal of one natural gas-fired furnace (SN-08),
 2. Addition of an Abbott electric pre-heat furnace (IA, A-13), and
 3. Removal from the permit of the Dow Process System (SN-45–50), which was permitted but never installed.

There were no additional emissions from the new electric furnace.

- Permit 1633-AR-3 was amended on December 19, 2007 with the following changes:
 1. Installation of one Abbott electric steam treating furnace (A-13) and
 2. Installation of one Sussman electric boiler (A-13), both to the IA list.

Section IV: EMISSION UNIT INFORMATION

Specific Conditions

1. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by compliance with Specific Conditions #6 and #7. [Regulation 19, §19.501 et seq., and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
09, 10, & 11	Pre-heat Furnaces (3) (2.40 MMBtu/hr total)	PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.2	0.6
		NO _x	0.3	1.1
12, 13, 14, 15, & 30	Induction Heat-Treats (5) + HEPA Filters (4.0 MMBtu/hr total)	PM ₁₀	5.1	22.2
20, 21, 22, 26, 27, 31, 32, 33, 34, 35, 43, & 44	Sintering Furnaces (12, electrical) & EEC Thermo-Stacks (12, 0.3 MMBtu/hr each)	PM ₁₀	0.4	1.1
		SO ₂	0.2	0.2
		VOC	0.2	0.3
		CO	0.3	1.1
		NO _x	0.6	2.4
23	Area Electric 12" Belt Furnace + HEPA Filter	PM ₁₀	0.1	0.1
42	Despatch High Temperature Tempering Furnace ECC Thermo-Stack (0.5 MMBtu/hr)	PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.1	0.2
		NO _x	0.1	0.5
53, 54, 55, 56, 57, 58, & 59	Holcroft Batch Heat Treat Furnace Burners (4, 0.6 MMBtu/hr ea) + Quench Tank (0.11 MMBtu/hr) + Endothermic Generators (2) & Burn-off Vent (0.6 MMBtu/hr) + Tempering Furnace (0.6 MMBtu/hr) + ECC Thermo-Stack	PM ₁₀	0.1	0.2
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	0.2	0.6
		NO _x	0.3	1.1
60 & 61	Endothermic Gas Generators (2, 1.15 MMBtu/hr each)	PM ₁₀	0.2	0.2
		SO ₂	0.2	0.2
		VOC	0.2	0.2
		CO	0.2	0.4
		NO _x	0.2	1.0
08, 24, 25, 36-40, 45-52	Removed Sources			

2. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by compliance with Specific

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Conditions #6 and #7. [Regulation 18, §18.801 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
09, 10, & 11	Pre-heat Furnaces (3) (2.40 MMBtu/hr total)	PM	0.1	0.1
12, 13, 14, 15, & 30	Induction Heat-Treats (5) + HEPA Filters (4.0 MMBtu/hr total)	PM	5.1	22.2
20, 21, 22, 26, 27, 31, 32, 33, 34, 35, 43, & 44	Sintering Furnaces (12, electrical) & EEC Thermo-Stacks (12, 0.3 MMBtu/hr each)	PM	0.4	1.1
23	Area Electric 12" Belt Furnace + HEPA Filter	PM	0.1	0.1
42	Despatch High Temperature Tempering Furnace ECC Thermo-Stack (0.5 MMBtu/hr)	PM	0.1	0.1
53, 54, 55, 56, 57, 58, & 59	Holcroft Batch Heat Treat Furnace Burners (4, 0.6 MMBtu/hr ea) + Quench Tank (0.11 MMBtu/hr) + Endothermic Generators (2) & Burn-off Vent (0.6 MMBtu/hr) + Tempering Furnace (0.6 MMBtu/hr) + ECC Thermo-Stack	PM	0.1	0.2
60 & 61	Endothermic Gas Generators (1.15 MMBtu/hr each)	PM	0.2	0.2
08, 24, 25, 36-40, 45-52	Removed Sources			

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 A.C.A. §8-4-304 and §8-4-311]

SN	Limit	Regulatory Citation
All Sources	5%	§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 process more than 22,000,000 pounds of powdered metal 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]
7. The permittee shall use only pipeline quality natural gas as fuel. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
8. The permittee shall maintain monthly records which demonstrate compliance with Specific Condition #6. 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. [Regulation 19, §19.705 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

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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 applications dated April 11, 2006, July 19, 2007, November 9, 2007 and November 13, 2008.

Description	Category
PSI Water Systems Evaporator (formerly SN-41), rated 0.35 MMBtu/hr, natural gas fired	A-1
Despatch Tempering Furnace, model PSE-13-16S, rated 0.25 MMBtu/hr, natural gas fired	A-1
Thermo-Stack Thermal Oxidizer, version 6C, rated 0.40 MMBtu/hr, natural gas fired	A-1
Abbott Electric Pre-heat Furnace	A-13
Abbott Electric Steam Treating Furnace, Model 5ZSCR-24-384ST5-1500	A-13
Sussman Electric Boiler, Model ES-160	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 A.C.A. §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 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. [Regulation 19, §19.410(B) and/or Regulation 18, §18.309(B) 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. [Regulation 19, §19.705 and/or Regulation 18, §18.1004 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. [Regulation 19, §19.705 and/or Regulation 18, §18.1004 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
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) 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. [Regulation 19, §19.702 and/or Regulation 18, §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §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 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; 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 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: [Regulation 19, §19.601 and/or Regulation 18, §18.1101 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 shall 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]

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- 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. [Regulation 19, §19.410(A) and/or Regulation 18, §18.309(A) 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. [Regulation 19, §19.407(B) and/or Regulation 18, §18.307(B) 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 A.C.A. §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 A.C.A. §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, §18.102(C-D), Regulation 19, §19.103(D), A.C.A. §8-4-203 as referenced by A.C.A. §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, §18.102(C-D), Regulation 19, §19.103(D), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 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.

[Regulation 18, §18.102(C-D), Regulation 19, §19.103(D), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

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Air Division