

The Commission, having considered the following Applications for Permit submitted by the following respective firms and having reviewed the staff recommendations and the Summary Reports attached hereto does hereby approve said Applications subject to the conditions contained with the Application, Summary Reports, or amendments thereto; provided, however, that the applicant complies with all general terms of the permit and all special terms and conditions to the permit, if any, which are so specified.

APPLICATION FOR PERMIT - PROCESS CONTROL EQUIPMENT

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
209-A (Modification)	NIBCO of Blytheville Blytheville	\$150,000
274-A	Farmland Industries, Inc. Van Buren	45,000
275-A	Bentonville Casting Co. Bentonville	211,278
277-A	Helena Chemical Co. Helena	
278-A	Jonesboro Grease Extraction Co., Inc. Jonesboro	75,000
279-A	Hot Springs ^{ARKANSAS} Aluminum Alloys, Inc. Hot Springs	
280-A	Arkansas Lightweight Aggregate Corp. West Memphis	150,000

COMMIS-
SIONERS

[Handwritten signatures]

Bobby Fran
Chairman

Submitted by Jarrell Southall Date Passed 1/24/75
Executive Committee

JANUARY 24, 1975

MINUTE ORDER NO. _____

PAGE 2 of 2 PAGES

APPLICATION FOR PERMIT - INCINERATOR

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
226-AI	Rogers Memorial Hospital Rogers	\$ 5,217
227-AI	Kelly Kilns, Inc. Midway	

The Summary Reports, prepared by the staff, are designed to facilitate the administration of the air pollution control program for the State of Arkansas and, otherwise, for the convenience of the Commission and other interested persons. Copies of these Minute Orders, the Permits, and the Summary Reports are to be attached to the Applications for Permit which are on file in the Department's central office. It is further noted that the approvals of these applications are based upon information contained within the Application for Permit - not the Summary Reports. Nevertheless, the applicant is expected to forthwith notify the Department of any discrepancies found between the two documents.

COMMISS-
SIGNERS

[Signature]
[Signature]

[Signature]
 Chairman

Submitted by _____ Date Passed _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: NIBCO of Blytheville

CSN: 470009

FIRST SUBMITTAL: January 3, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

NIBCO was issued Permit No. 209-A on January 25, 1974 for the construction and operation of a foundry for the manufacture of cast iron valves. The emissions were to be controlled by use of three filters with a proposed emission rate of 35 pounds per hour. NIBCO now proposes to substitute an American Air Filter Type R Roto-Clone.

Results of stack sampling at similar foundries was submitted with the current proposal. The proposed emission rate is now to be less than 15 pounds per hour.

NIBCO is also proposing to install two small fabric filters on two sand storage silos to control the emissions while the silos are being filled.

ESTIMATED COST: \$150,000 TOTAL PROJECT: \$4,800,000

COMMENCEMENT OF INSTALLATION: March, 1974

COMMENCEMENT OF OPERATION: January 1, 1976

REVIEWED BY: CDH APPROVED: JES.

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: Modification of 209-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Farmland Industries, Inc.
Van Buren

CSN: _____

FIRST SUBMITTAL: Dec. 30, 1974 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Farmland Industries, Inc. intends to install two dust collection systems for their grain elevator in Van Buren. Dust collection points for the larger system will be at the railroad receiving pit, the boots of the two elevator legs, the belt loaders on the conveyor belts, the head pulleys on the belt conveyors in the basement, and the tripper. Air volume in this system is 11,500 CFM. The other system is for the truck receiving pit which is an under-the-grate system serving only this source. Air volume is 9600 CFM. The dust collectors on both systems will be 12 oz. dacron filter bags. The filter bags will be cleaned continuously by a low-pressure reverse air stream, 35 CFM at approximately 10 psi.

ESTIMATED COST: \$45,000 TOTAL PROJECT: \$45,000

COMMENCEMENT OF INSTALLATION: (Not Specified in Application)

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: ROB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 274-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Bentonville Casting Company

Bentonville, Arkansas 72712

CSN: _____

FIRST SUBMITTAL: January 20, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Bentonville Casting Company of Bentonville, Arkansas has installed a Brown Boveri coreless induction electric melting furnace to replace two coke-fired cupolas for air pollution purposes. The capacity of the induction furnace is nine tons and is powered by a 2200 KW integral power unit. The necessary control equipment and auxiliary components are included. The melting rate is 4.6 tons/hour at a temperature of 2800°F. The induction furnace is the prime control device and by melting clean, preheated charge, air pollution is negligible.

The test data submitted with the application for similar units working in different parts of the country, shows the particulate emissions to be 0.0561 gr/scf or 1.8 lbs/hour based on 4.3 tons of charge/hour.

ESTIMATED COST: \$211,278 TOTAL PROJECT: \$211,278

COMMENCEMENT OF INSTALLATION: February, 1972

COMMENCEMENT OF OPERATION: June, 1972

REVIEWED BY: Steve Bohra APPROVED: Jarrell Southall

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 275-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Helena Chemical Co.
West Helena

CSN: _____

FIRST SUBMITTAL: Dec. 2, 1974 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Helena Chemical Co. operates a facility in West Helena which blends and formulates agricultural chemicals (herbicides, fungicides, insecticides, seed treaters, and soil sterilants). There are five mill systems in which the materials are blended, ground, and packaged. Each mill system is composed of these components: dump hopper, bucket elevator, ribbon blender, hammer mill, shaker screens, and packaging machines. Each mill system is also equipped with a fabric filter and ducting to collect the emissions from the mill and mill area.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: In Operation

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 277-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Jonesboro Grease Extraction Co., Inc.

Jonesboro

CSN: _____

FIRST SUBMITTAL: Dec. 5, 1974 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Jonesboro Grease Extraction proposes to install odor control equipment at their existing rendering plant. An air condenser is to be used to remove the concentrated condensible compounds from the discharge of the meat and feather cookers. The discharge from the air condenser and the ambient air in the building is to be treated with chemical scrubbers designed by Jonesboro Grease Extraction.

ESTIMATED COST: \$75,000 TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 278-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkansas
Hot Springs Aluminum Alloys, Inc.
Hot Springs

CSN: _____

FIRST SUBMITTAL: _____ AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Hot Springs Aluminum Alloys, Inc., proposes the installation of a facility at Hot Springs to process various grades of aluminum scrap. A part of the scrap will be treated in a dryer unit with an afterburner for control of the hydrocarbon emissions. During the normal operation of the 120,000 pound capacity furnace, the emissions are to be controlled with a fabric filter. During the chlorine fluxing period, a bell will be lowered over the furnace such that the off gases will be captured and treated by use of a scrubber.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: March 1, 1975

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 279-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: ARKANSAS LIGHTWEIGHT AGGREGATE COMPANY

West Memphis

CSN: 180082

FIRST SUBMITTAL: _____ AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Arkansas Lightweight proposes the installation of an additional kiln at their existing facility at West Memphis. The kiln is to be a 11 foot by 175 foot rotary kiln to be used for the production of a lightweight aggregate by the thermal expansion of a shale mined in the area. The kiln is to be fired with coal at a maximum rate of 4,800 pounds per hour. The kiln exhaust gases are to be controlled by use of a multitube cyclone collector in series with a scrubber. The scrubber is to be a Fuller Draco Type C8A Size 125 with a lime solution used as the scrubber medium. The particulate emissions from this source are to be 13 pounds per hour and the SO₂ emissions are to be 15 pounds per hour.

The product will discharge from the kiln to a reciprocating grate cooler. The emissions from the cooler are to be controlled with a multitube cyclone collector. The particulate emission rate from this source is to be 6 pounds per hour.

ESTIMATED COST: \$150,000 TOTAL PROJECT: \$3,300,000

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 280-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Rogers Memorial Hospital
12th and West Walnut Street, Rogers, Arkansas 72756

CSN: _____

FIRST SUBMITTAL: Jan. 20, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Rogers Memorial Hospital of Rogers, Arkansas proposes to install a pathological incinerator to consume approximately 50 pounds of pathological waste per day. The test data submitted shows the particulate emissions to be less than 0.2 gr/dscf at 12% CO₂.

ESTIMATED COST: \$5,217.00 TOTAL PROJECT: \$5,217.00

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IBH APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 226-AI

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Kelly Kilns
Midway, Arkansas

CSN: _____

FIRST SUBMITTAL: 12/16/74 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Kelly Kilns proposes to install a facility North of Midway, Arkansas in Baxter County to be used for solid waste disposal. The solid waste is to be consumed in a Missouri type charcoal kiln. The gases produced by this incineration are to be controlled by use of a scrubber device of Kelly Kilns design.

A facility similar to this has been stack tested while charcoal was being produced. This testing performed by the staff of the Department showed it to be in compliance with the Air Code.

QUALIFICATION: That the operation of the facility complies with the provisions of both the Air Pollution Control Code and the Solid Waste Disposal Code.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: Cecil D. Harrell APPROVED: Jarrell E. Southall

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 227-AI

COMMISSION MINUTE ORDER NUMBER: _____
