

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 - INDUSTRIAL FACILITIES

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
396-A	NIBCO OF AUGUSTA Augusta, Arkansas	\$ 150,000
397-A	Gibbs-Harris Division of Producers Rice Mill, Inc. Wynne, Arkansas	\$ 35,000
398-A	Gardinier Big River, Inc. Helena, Arkansas	
399-A	Stuttgart Etcetera, Inc. Stuttgart, Arkansas	\$ 3,500
94-A (MODIFICATION)	Producers Rice Mill, Inc. Stuttgart, Arkansas	\$ 150,000

APPLICATION FOR PERMIT - INCINERATOR

279-AI	Chicot Memorial Hospital Lake Village, Arkansas	\$ 2,387
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COMMISSIONERS

[Handwritten signatures and initials]

Billy F...
CHAIRMAN

SUBMITTED BY Jarrell E. Southall, Chief DATE PASSED 03/25/77
Division of Air Pollution Control

ARKANSAS DEPARTMENT OF
POLLUTION CONTROL AND ECOLOGY

LOCATION - SUBJECT: Air Permits

MINUTE ORDER NO. 77-9

February 25, 1977
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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 the 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.

COMMIS-
SIONERS

[Handwritten signatures and initials over a list of names]

Billy F... SUBMITTED BY Jarrell E. Southall, Chief DATE PASSED 03/25/77
CHAIRMAN Division of Air Pollution Control

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: NIBCO OF AUGUSTA

AUGUSTA, ARKANSAS

CSN: 740049

FIRST SUBMITTAL: 01/17/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

NIBCO of Augusta is a brass foundry which produces plumbing and heating valves. The company proposes to install a 50,000 cubic foot per minute baghouse for control of several emission sources throughout the plant. Two rotoclones are used to control other sources within the foundry.

Predicted emissions, approximately 99 percent sand, are estimated at 14.55 pounds per hour of particulate after baghouse installation.

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

COMMENCEMENT OF INSTALLATION: September, 1977 (approximate)

COMMENCEMENT OF OPERATION: October, 1977 (approximate)

REVIEWED BY: JBT APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 396-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Gibbs-Harris Division of Producers Rice Mill
Wynne, Arkansas

CSN: 190019

FIRST SUBMITTAL: January 3, 1977 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

The Gibbs-Harris Division of Producers Rice Mill proposes to install a Carter-Day bag filter for improved control of rice hull and dust emissions from their rice dryer.

The division stores and dries approximately 45,000 tons of rice per year. Plant emissions are presently controlled by cyclones.

ESTIMATED COST: \$35,000 TOTAL PROJECT: \$100,000

COMMENCEMENT OF INSTALLATION: February, 1977

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 397-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Gardinier Big River, Inc.
Helena, Arkansas

CSN: 540003

FIRST SUBMITTAL: 12/02/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Water pollution control regulations require that the ammonia in Gardinier's water effluent to the Mississippi River be reduced from 15,000 pounds per day to 1,163 pounds per day by July, 1977.

Changes in equipment and operation procedures has resulted in approximately 13,000 pounds per day of ammonia which was previously discharged being returned to the process. Therefore, the ammonia content of the water discharge must be reduced by an additional 720 pounds per day by July, 1977. Gardinier along with many other ammonia companies, is continuing in the development of the technology required to lower the ammonia content of the water discharges. The most probable solution for Gardinier will combine energy recovery with the ammonia removal process. As an interim measure, Gardinier proposes the installation of a steam stripper which will remove approximately 30 pounds per hour of ammonia from the water discharge. Atmospheric dispersion modelling predicts that the maximum concentration of ammonia will be approximately 1.3 ppm.

QUALIFICATIONS:

1. Upon startup, applicant is to conduct ambient air sampling using methods approved by the Department.
2. Applicant is to submit reports at six month intervals, beginning on September 1, 1977, which will outline the efforts of applicant and other ammonia companies in eliminating the ammonia discharge from the stripper.

ESTIMATED COST: None TOTAL PROJECT: \$40,000

COMMENCEMENT OF INSTALLATION: 12/12/76

COMMENCEMENT OF OPERATION: 01/12/77

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 398-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Stuttgart Etcetera, Inc.

Stuttgart, Arkansas

CSN: 010050

FIRST SUBMITTAL: January 3, 1977 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

The Stuttgart Etcetera facility is a rice storage warehouse which uses pneumatic conveying to load grain on train cars. This system has created dust control problems during past rice handling seasons.

Stuttgart Etcetera requests a permit for a tube type filter to control rice dust emissions at their train car loading operation. The filter, manufactured by Rader, utilizes porous plastic tubes instead of fabric materials as primary collection devices.

ESTIMATED COST: \$3,500 TOTAL PROJECT: \$5,000

COMMENCEMENT OF INSTALLATION: Installed in 1976

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBT APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 399-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Producers Rice Mill, Inc.

Stuttgart, Arkansas

CSN: 010025

FIRST SUBMITTAL: January 3, 1977 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Producers Rice Mill plans to reduce rice hull and dust emissions at their Stuttgart facility by installing a fabric filter system on their number three and number four rough rice dryers.

Final selection of a filter system design has not been completed.

QUALIFICATION: Installation of the filter system will be completed by August 1, 1977.

ESTIMATED COST: \$150,000 TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: August 1, 1977

REVIEWED BY: JBJ APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 94-A(MODIFICATION)

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Chicot Memorial Hospital
Lake Village, Arkansas

CSN: 090022

FIRST SUBMITTAL: 02/20/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Chicot nursing home of Lake Village proposes to install a SWESCO pathological incinerator, Model SP-3, to dispose of 10 to 15 pounds of pathological waste per day. The incinerator has a capacity of 20 pounds/hour for type IV waste and will be operated for one hour per day. The incinerator has two burners, one primary and one secondary, each with a maximum capacity of 400,000 BTU/hour. This model was stack tested by this Department and an independent testing agency and found to be in compliance with the Air Code. The particulate emissions are not to exceed 0.15 grains per SCF at 12% CO₂.

ESTIMATED COST: \$2,387 TOTAL PROJECT: \$2,387

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: THB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 279-AT

COMMISSION MINUTE ORDER NUMBER: _____