

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>
400-A	Great Lakes Chemical Corporation El Dorado, Arkansas	\$ 21,000
401-A	Epoxy Products Mountain Home, Arkansas	
402-A	Milwhite Company Bryant, Arkansas	\$ 13,777
403-A	Diamond Shamrock Corporation Van Buren, Arkansas	\$332,000
362-A (MODIFICATION)	Stauffer Chemical Company Little Rock, Arkansas	\$ 25,000

APPLICATION FOR PERMIT - INCINERATOR

281-AI	Jim's Electric Company Jacksonville, Arkansas	\$ 4,200
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COMMISSIONERS

RCP
[Handwritten signatures]

Billy Free
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. 77-13

March 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.

COMMISSIONERS

Permit by SJS
[Handwritten signatures and initials over a list of names]

Buddy F...
CHAIRMAN

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Great Lakes Chemical Corporation
El Dorado, Arkansas

CSN: 700012

FIRST SUBMITTAL: 01/26/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Great Lakes proposes the installation of drying facilities for their DE-83 process (a fire retardant) which is already in operation.

Great Lakes states there will be no emissions of DE-83 or related compounds from the process or drying facility. An absorber and a scrubber control emissions from the process, and a tray wet scrubber control emissions from the dryer.

Great Lakes asks for the process to be held confidential.

ESTIMATED COST: \$21,000 TOTAL PROJECT: \$266,000

COMMENCEMENT OF INSTALLATION: 02/15/77

COMMENCEMENT OF OPERATION: 04/15/77

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 400-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Epoxy Products

Mountain Home, Arkansas

CSN: 030027

FIRST SUBMITTAL: March 8, 1977 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Epoxy Products, a division of Fisher Scientific Company, proposes to construct and operate a prototype plant for the manufacture of laboratory table tops.

The manufacturing process involves the reaction of epoxy resins with a chemical hardener at approximately 350°F to produce a chemically inert product. No solvents are used in the process.

Two or three table tops, averaging 150 pounds each, will be produced daily.

The only predicted emissions will be 0.06 pounds per hour of phthalic anhydride, a low hazard chemical.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: April 1977

COMMENCEMENT OF OPERATION: April 1977

REVIEWED BY: JBJ APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 401-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Milwhite Company

Bryant, Arkansas

CSN: 630012

FIRST SUBMITTAL: March 7, 1977

AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

The Milwhite Company processes nonmetallic minerals for use in other industries. Primary emission sources within the plant are two rotary drying kilns and two grinding mills.

The company plans to install a 9,000 cubic foot per minute fabric dust collector for control of mineral dust emissions from one of the rotary kilns. This installation will allow Milwhite to utilize a separate dust collector for each of their rotary kilns and grinding mills.

ESTIMATED COST: \$13,777

TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: April 1, 1977

COMMENCEMENT OF OPERATION: June 1, 1977

REVIEWED BY: JBJ

APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 402-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Diamond Shamrock Corporation

Van Buren, Arkansas

CSN: 170013

FIRST SUBMITTAL: 01/20/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Diamond Shamrock Corporation proposes the construction and operation of a chemical manufacturing facility at the Van Buren Industrial Park. The proposed facility will be named "Cal-Pan Plant" and will manufacture calcium pantothenate, one of the "B" complex vitamins to be used in animal feed.

The process is a long and complicated one which Diamond Shamrock wishes to be kept confidential. All emission points appear to be adequately controlled, but since the process has never been built and operated commercially before, the Department places the following qualifications on the permit:

1. The following points of emission are to be sampled within one month of the commencing of operation for all potential emissions from these points: SN-103, SN-104, SN-106, SN-107, SN-108, SN-109, SN-114, SN-115, SN-116, SN-120, and the results reported to the Department within two weeks of the completion of the tests.
2. An ambient air sampling program will be developed and the details of the plans submitted to the Department within 90 days prior to commencement of operations of the plant.
3. The ambient air sampling program will be in operation and the initial results submitted to the Department within 180 days after commencement of operation.

ESTIMATED COST: \$332,000 TOTAL PROJECT: \$12,500,000

COMMENCEMENT OF INSTALLATION: 04/01/78

COMMENCEMENT OF OPERATION: 02/01/78

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 403-A

COMMISSION MINUTE ORDER NUMBER: _____

-Continued-

DIAMOND SHAMROCK CORPORATION - VAN BUREN, ARKANSAS

4. Modifications in control devices, including the installation of additional control devices and changes in process, will be promptly undertaken by the applicant as the Department finds necessary upon review of data generated by the sampling program.

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Jessup Feed Mill

Jonesboro, Arkansas

CSN: 160109

FIRST SUBMITTAL: 07/06/71 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Jessup Feed Mill has applied for a permit to install and operate a continuous flow grain dryer.

The dryer will be used approximately ninety days each year from August 15 to November 15, and will process 25,000 pounds per day of grain.

Emission rate is estimated at 2.1 pounds per hour of grain dust.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBT APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 404-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Stauffer Chemical Company

Little Rock, Arkansas

CSN: 600001

FIRST SUBMITTAL: 02/22/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Stauffer Chemical Company operates a Bauxite and Clay concentrating plant in the southern portion of Little Rock.

The company proposes to install a bag type dust collector to control clay dust emissions from nineteen operations in their clay treatment process.

The dust collector was manufactured by Carter-Day and has a 27,000 cubic foot per minute capacity.

The predicted emission rate from the collector is 7.5 pounds per hour of clay dust.

ESTIMATED COST: \$25,000 TOTAL PROJECT: \$45,000

COMMENCEMENT OF INSTALLATION: March 15, 1977

COMMENCEMENT OF OPERATION: May 1, 1977

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 362-A (MODIFICATION)

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Jim's Electric Company

Jacksonville, Arkansas

CSN: 600421

FIRST SUBMITTAL: March 7, 1977 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Jim's Electric Company proposes the installation of a small waste burner to remove the insulation from copper wire so that the copper can be reclaimed.

Emissions to the atmosphere are to be less than .05 pounds per hour.

ESTIMATED COST: \$4,200 TOTAL PROJECT: \$4,200

COMMENCEMENT OF INSTALLATION: 04/01/77

COMMENCEMENT OF OPERATION: 05/01/77

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 281-AI

COMMISSION MINUTE ORDER NUMBER: _____