

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, and Subsection 4(d) of the Arkansas Plan of Implementation; 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 &amp; LOCATION</u>	<u>COST</u>
310-A	Celotex Corporation Camden, Arkansas	\$ 212,900
311-A	Alchemy Industries Stuttgart, Arkansas	\$ 150,000
312-A	A & P Coop Company Jonesboro, Arkansas	\$ 185,000
313-A	Alcoa Bauxite, Arkansas	\$4,485,000
314-A	Alcoa Bauxite, Arkansas	\$ 80,000
315-A	General Tire & Rubber Batesville, Arkansas	\$ 80,000
316-A	Union Carbide Hot Springs, Arkansas	\$ 200,000
317-A	Masonite Roofing Division Little Rock, Arkansas	\$ 62,600

COMMIS-  
SIONERS

*[Handwritten signatures and initials]*

*Billy Frank*  
CHAIRMAN

SUBMITTED BY Jarrell E. Southall DATE PASSED \_\_\_\_\_

APPLICATION FOR PERMIT - INCINERATOR

<u>PERMIT NO.</u>	<u>FACILITY &amp; LOCATION</u>	<u>COST</u>
260-AI	Benton County Memorial Park Rogers, Arkansas	\$ 18,000

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

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*Billy F. ...*  
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 CHAIRMAN

SUBMITTED BY Jarrell E. Southall DATE PASSED \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Benton County Memorial Park  
Highway 71 West, Route 2, Box 21-A, Rogers

CSN: \_\_\_\_\_

FIRST SUBMITTAL: October 6, 1975 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY: Benton County Memorial Park of Rogers proposes to install a crematorium. The incinerator is designed by Industrial Equipment Company of Orlando, Florida, specifically as a crematory. Test data submitted with the application shows the particulate emissions to be 0.093 gr/SCF at 12% CO<sub>2</sub>.

A similar unit is being operated successfully, in Arkansas (Permit No. 201-AI).

ESTIMATED COST: \$18,000 TOTAL PROJECT: \$18,000

COMMENCEMENT OF INSTALLATION: \_\_\_\_\_

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 260-AI

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Celotex  
Camden

CSN: 520007

FIRST SUBMITTAL: 5-12-75 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY: Currently, Celotex operates two asphalt felt saturators at their roofing plant in Camden. Celotex proposes to increase the capacity of the No. 1 saturator such that the No. 2 saturator will not be operated. The asphalt fumes from the No. 1 saturator will be collected by the use of hoods and transported to two electrostatic precipitators.

ESTIMATED COST: \$212,900 TOTAL PROJECT: \$291,900

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 310-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Alchemy Industries  
Stuttgart, Arkansas

CSN: 010049

FIRST SUBMITTAL: Oct. 2, 1975 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY: Riceland Foods was issued Permit No. 305-A for the installation of a prototype facility to incinerate rice hulls under controlled conditions such that the ash produced would have particular chemical and physical properties. Alchemy proposes a facility to grind, blend and package the ash from the Riceland facility. The potential particulate emissions from the grinding, blending, transfer and bagging operations are to be controlled by use of adequate ducting and four fabric filters. The expected emission rate is to be sixteen pounds per hour.

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

COMMENCEMENT OF INSTALLATION: \_\_\_\_\_

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 311-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: A & P Coop Company

Jonesboro

CSN: 160011

FIRST SUBMITTAL: Sept. 1975 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY: A & P Coop Company of Jonesboro has installed a charcoal kiln to convert wood waste into charcoal. At present, A & P Coop Co. generates 40 tons/day of wood waste and disposes it off in a tee-pee burner. The rotary kiln, under starved air operation, would convert about 40 tons/day of wood waste into about 5 tons/day of charcoal.

ADPC&E conducted a stack sampling test on October 21, 1975 on the charcoal kiln and the results of the test show compliance with the Arkansas Air Code and Implementation Plan.

ESTIMATED COST: \$185,000 TOTAL PROJECT: \$185,000

COMMENCEMENT OF INSTALLATION: \_\_\_\_\_

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 312-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: ALCOA  
Bauxite

CSN: 630010

FIRST SUBMITTAL: Sept. 29, 1975 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY: ALCOA proposes the installation of six electrostatic precipitators at Buildings 425 and 426 to control particulate emissions from the Tabular Plant. Each of these new precipitators is to control two converter/dryer units. A prototype precipitator installed under Permit No. 77-A is to be modified and moved from Building 425 to Building 426 to serve the No. 9 converter/dryer unit. This installation was included in the proposed revision to the Implementation Plan to provide for maintenance of the ambient air quality standards in the Bryant-Bauxite area.

ESTIMATED COST: \$4,485,000 TOTAL PROJECT: \$4,485,000

COMMENCEMENT OF INSTALLATION: Oct., 1975

COMMENCEMENT OF OPERATION: March, 1977

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 313-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: ALCOA  
Bauxite

CSN: 630010

FIRST SUBMITTAL: July 16, 1975 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY: ALCOA proposes the installation of six fabric collectors at Building 50 to replace six existing cyclones. The collectors are to be used at six transfer points.

ESTIMATED COST: \$80,000 TOTAL PROJECT: \$338,000

COMMENCEMENT OF INSTALLATION: January, 1975

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 314-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: General Tire & Rubber Company

Batesville, Arkansas

CSN: 320008

FIRST SUBMITTAL: 10-25-75 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY:

General Tire and Rubber Company at Batesville, Arkansas proposes to install a process for manufacturing weather stripping and vacuum harness assemblies for automobiles.

The process will have a capacity of 2000 lb/hr. of rubber, and a potential emission rate of 29.7 lb/hr. The proposed emission rate, based on a similar operation is 1.8 lb/hr. Proposed control equipment for the mixing, rolling and exhaust system is three pulse clean filter systems made by Industrial Clean Air Company. Proposed control equipment for the bag disposal system is a cyclone followed by a filter made by the Ohio Blow Pipe Company. Efficiencies of the control equipment is 99%.

ESTIMATED COST: \$80,000 TOTAL PROJECT: \$8,000,000

COMMENCEMENT OF INSTALLATION: January, 1975

COMMENCEMENT OF OPERATION: March, 1976

REVIEWED BY: TDR APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 315-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Union Carbide Corporation  
Metals Division, Hot Springs, Arkansas

CSN: 260002

FIRST SUBMITTAL: Rec'd 10-15-75 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY: Union Carbide at Hot Springs, Arkansas proposes installation of a ferrophos oxidation process for recovering vanadium from phosphate furnace slag. The process will handle 6,000 pounds per hour of ferrophos (FeP) and 3,500 pounds per hour of limestone. The following pollution control equipment is proposed:

- 1) A limestone dust collector on a lime storage bin. The proposed emission rate from the collector is 5 (five) pounds per hour particulate.
- 2) A Venturi scrubber and a mist eliminator installed in series, to treat off gases from the ferrophos process. The gases are to be treated by the scrubber first then the mist eliminator. The proposed emission rate from the mist eliminator is 10 (ten) pounds per hour particulate.

Dispersion modeling by this Department shows the proposed installation would comply with the State Implementation Plan as last revised.

ESTIMATED COST: 200,000 TOTAL PROJECT: \_\_\_\_\_

COMMENCEMENT OF INSTALLATION: 4th Quarter, 1975

COMMENCEMENT OF OPERATION: July 1, 1976

REVIEWED BY: TDR APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 316-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Masonite Roofing Division  
Little Rock, Arkansas

CSN: 600049

FIRST SUBMITTAL: 11/19/75 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY: Masonite operates a facility at Little Rock which manufactures asphalt felt and asphalt roofing. Hoods and ducting to an incinerator were installed (Permit No. 44-A) to control the fumes from the process. Currently, this system is not collecting and incinerating all of the fumes, and they are escaping from the building.

Masonite proposes to repair and modify the hoods and ducting such that all of the fumes will be incinerated. It is questionable whether the incinerator can handle the increased quantity of asphalt fumes.

In addition to the asphalt fumes, particulate emissions are occurring from the unloading and transfer of sawdust and limestone dust. Masonite is proposing to install a bag collector and two small bin vent collectors to control these emissions.

QUALIFICATION: Within 45 days after the modifications to the fume control system, applicant will evaluate the emissions and submit a permit application to correct any deficiencies.

ESTIMATED COST: \$62,600 TOTAL PROJECT: \_\_\_\_\_

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL WITH QUALIFICATIONS

ASSIGNED PERMIT NUMBER: 317-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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