

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>
369-A	Continental Can Company, Inc. Fort Smith, Arkansas	--
370-A	Central Moloney, Inc. Pine Bluff, Arkansas	--
371-A	Case Shear Corporation Nashville, Arkansas	5,347
372-A	Hanford Produce Company Clarksville, Arkansas	162,620
373-A	LaGloria Oil and Gas Company North Little Rock, Arkansas	10,000
374-A	Providence Producers, Inc. Van Buren, Arkansas	45,000
375-A	CTS of Bentonville Bentonville, Arkansas	9,800
376-A	Riceland Foods, Inc. Stuttgart, Arkansas	--
377-A	Dow Chemical Company Magnolia, Arkansas	42,000
378-A	Gates Rubber Company Siloam Springs, Arkansas	200,000
126-A (MODIFICATION)	Eagle River Chemical Company West Helena, Arkansas	400,000
262-A (MODIFICATION)	Arkansas Eastman Company Batesville, Arkansas	963,500

COMMISSIONERS

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Rayly F. ...
CHAIRMAN

SUBMITTED BY Jarrell E. Southall

DATE PASSED 11-19-76

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

[Handwritten signatures and initials]
PER by *[initials]*

Billy Fms
CHAIRMAN

SUBMITTED BY Jarrell E. Southall

DATE PASSED 11-19-76

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Continental Can Company, Inc.
Fort Smith, Arkansas

CSN: 660215

FIRST SUBMITTAL: 09/17/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Continental Can Company operates a facility in Fort Smith to fabricate tin cans for use by Planters Peanuts of Fort Smith.

Process consists of two basic operations:

- (1) Forming - using tin plate and flux.
- (2) Soldering - using solder maintained in a molten state.

Emissions are estimated at 0.7 pounds per hour of gas and particulate. There is no pollution control equipment. Gaseous emissions are of low toxicity. Process weight rate is approximately 2026 pounds per hour.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBJ APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 369-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Central Moloney, Inc.

Pine Bluff, Arkansas

CSN: 350013

FIRST SUBMITTAL: _____ AMENDED: _____

CASE REFERENCES: Registration; July, 1971

SUMMARY:

Central Moloney is an electrical transformer manufacturer registered by this Department in 1971 as Central Transformer. The company has modernized their metal cleaning and painting facilities by replacing older equipment with new paint booths, degreaser, and blast rooms. New control equipment includes dust collectors and separators. The only heat sources are gas/electric ovens. Refuse is removed to city dump. New equipment should further reduce the very small amount of existing emissions.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: In operation

REVIEWED BY: JBT APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 370-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Case Shear Corporation
Nashville, Arkansas

CSN: 310004

FIRST SUBMITTAL: 04/76 AMENDED: _____

CASE REFERENCES: Registration; 1971

SUMMARY:

Case Shear Corporation manufactures a large variety of scissors and related tools. The company is requesting a permit to install and operate a new dust collecting cyclone to more efficiently control grinding dust emissions. The new equipment will be an addition to three existing cyclones used for dust control.

ESTIMATED COST: \$5,347 TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBJ APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 371-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Hanford Produce Company

Clarksville, Arkansas

CSN: 360013

FIRST SUBMITTAL: 09/23/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Hanford Produce, a division of Swift and Company, proposes to construct a rendering plant to convert poultry by-products, including feathers, to protein for use in animal feed products. All processing, including holding-distribution bins, will be within an enclosed building. All processing equipment and building interior will be vented to a packed tower scrubber which utilizes sodium hypochlorite as an odor preventative. Two gas-operated boilers will provide the required cooking steam. Process weight rate is estimated at 11,500 pounds per hour for a 16 hour per day operation.

ESTIMATED COST: \$162,620 TOTAL PROJECT: \$1,870,000

COMMENCEMENT OF INSTALLATION: 09/01/76

COMMENCEMENT OF OPERATION: 01/15/77

REVIEWED BY: JBJ APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 372-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: LaGloria Oil and Gas Company

North Little Rock, Arkansas

CSN: 600404

FIRST SUBMITTAL: 08/24/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

LaGloria Oil and Gas Company proposes to construct a storage tank at their North Little Rock facility to hold 84,000 barrels of regular grade gasoline. The tank will have a floating roof and be constructed in accordance with API-650, Appendix "D-H," specifications. Emissions from the facility are estimated at 27.8 pounds an hour.

QUALIFICATION: The actual emission rate be measured, and reported to the Department.

ESTIMATED COST: \$10,000 TOTAL PROJECT: \$424,000

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: 01/01/77

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 373-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Providence Producers, Inc.
Van Buren, Arkansas

CSN: 170044

FIRST SUBMITTAL: 10/15/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Providence Producers, Inc. proposes the installation of a coal preparation plant at Fort Smith, Arkansas. Coal from local mines will be shipped to the site by truck or rail. The coal will be dumped into a receiving hopper and then moved by a covered conveyer to the collection hopper. The material will then go to a rotary breaker where all coal particles will be reduced in size to one inch in diameter or less. At the same time all larger rocks will be removed. The coal then moves to an air cleaner where smaller rocks are removed. The coal is then moved to storage piles to await loading into railcars or barges.

The air cleaner will be the major source of potential emissions and it will be controlled by a baghouse that will remove 99.5% of the particulates with the total emission to be 1.85 pounds an hour or less. There are other potential sources of emission, but these are not expected to be a problem. Should one develop, it will be controlled by a water spray or by a hood with a duct going to the baghouse.

ESTIMATED COST: 45,000 TOTAL PROJECT: 530,000

COMMENCEMENT OF INSTALLATION: 11/01/76

COMMENCEMENT OF OPERATION: 12/01/76

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 374-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: CTS of Bentonville
Bentonville, Arkansas

CSN: 040110

FIRST SUBMITTAL: 10/15/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

CTS proposes to construct and operate a ceramic manufacturing plant in the same area as their existing electrical resistor facility in Bentonville. Approximately 400 pounds per hour of ceramic slurry will be processed in a spray dryer controlled by a Ducon wet scrubber. A gas-fired tunnel kiln will be utilized for firing of the ceramic material. CTS will use the hot exhaust from the kiln combined with supplemental gas unit heaters for plant heating. Therefore, no boiler will be required. No particulate emissions are predicted; only water vapor and products of combustion from the kiln and dryer.

ESTIMATED COST: \$9,800 TOTAL PROJECT: \$1,500,000

COMMENCEMENT OF INSTALLATION: 11/76

COMMENCEMENT OF OPERATION: 07/77

REVIEWED BY: JBT APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 375-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riceland Foods, Inc.
Stuttgart, Arkansas

CSN: 010055

FIRST SUBMITTAL: 10/08/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Riceland plans to expand their rice packaging plant and warehouse at Stuttgart by increasing the processing and storage space and by adding 20 rice storage bins for a total of forty bins. Chemical fumigation of the bins is periodically required, particularly in the summer, to eliminate weevil larvae. Small amounts of Methyl Bromide (CH₃BR) or Phostoxin (PH₃) are placed in the bins and, after being sealed for 24 hours, the bins are vented to the atmosphere. The potential emission rate is 0.96 pounds per hour assuming 10 bins fumigated simultaneously over a 1.33 hour period. Historically, the number of bins fumigated in a given year have not equalled the number used to determine the potential emission rate.

QUALIFICATION:

Riceland will not fumigate more than 10 bins simultaneously or within any 2 hour period.

ESTIMATED COST: 0 TOTAL PROJECT: \$4,500,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: January 1, 1977

REVIEWED BY: JBH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 376-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Dow Chemical Company

Magnolia, Arkansas

CSN: 140011

FIRST SUBMITTAL: 10/04/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Dow Chemical at Magnolia proposes to install a waste burner to reduce its consumption of natural gas. A savings of 7 million cubic feet of gas a year is expected. The new burner will use as a feed stock a liquid waste hydrocarbon that will not induce any pollutants to the atmosphere. The only products of combustion will be carbon dioxide and water. The waste has been disposed of by another out-of-state company. The new burner will be equipped with appropriate controls to insure its safe and efficient operation.

ESTIMATED COST: \$42,000 TOTAL PROJECT: \$42,000

COMMENCEMENT OF INSTALLATION: 11/01/76

COMMENCEMENT OF OPERATION: 02/01/77

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 377-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Gates Rubber Company

Siloam Springs, Arkansas

CSN: 040111

FIRST SUBMITTAL: 09/13/76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

The Gates Rubber Company proposes to build a plant at Siloam Springs for the production of heavy duty and bandless "V" belts.

In the production of the heavy duty belts; adhesives, solvents, dyes and other miscellaneous chemicals are used in the treating of fabric cord to insure its adherence to the rubber. In the cord treating area, a proprietary catalytic incinerator is used to control emissions and reduce the consumptions of other fuels. The belts are built by layering the rubber and cord together until the necessary thickness is produced. The belt is then trimmed and cut to the desired shape.

In the production of bandless V belts, the rubber is warmed to a highly elastic state by passing it through a twin mill or through a cold feed extruder. The material then goes through a calendaring unit where a uniform sheet of rubber is produced. The sheet is cut to various dimensions and layered together to provide the necessary thickness. The material is then cut and trimmed to the necessary shape.

There are to be no emissions in excess of 1 pound an hour to the atmosphere except nitrogen oxides, and they are not to exceed five pounds an hour.

ESTIMATED COST: \$200,000 TOTAL PROJECT: \$15,000,000

COMMENCEMENT OF INSTALLATION: 10/76

COMMENCEMENT OF OPERATION: 03/77

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 378-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Eagle River Chemical Company

West Helena, Arkansas

CSN: 540068

FIRST SUBMITTAL: June 4, 1976 AMENDED: _____

CASE REFERENCES: Permit No. 126-A

SUMMARY:

Eagle River proposes to modify permit no. 126-A to rebuild the facility originally constructed and add three additional processes. Permit no. 126-A covers the operation of a Propanil Herbicide plant. The proposed additional plants are: (1) Nitro Benzoate Ester (NBE), a herbicide intermediate, (2) Methomyl Insecticide, and (3) Basalin, a herbicide. Proposed control equipment is a condenser for a ground flare and a combination of condensers and a caustic scrubber.

Proposed emissions rates are 54 pounds per hour of gaseous pollutants, chiefly SO₂ and HCl from the ground flare, and 7.5 pounds per hour of the same pollutants from the scrubber stack. The NBE plant has been in operation since November of 1975, the Methomyl Plant began operations in August of 1975, and the Basalin Plant began operations in 1971. Eagle River submitted the application under Section 3(c) of the Arkansas Air Pollution Control Code as confidential, and has complied with the requirements of that Section.

QUALIFICATIONS:

- (1) The scrubber stack and the ground flare will be the only sources of emissions.
- (2) Sampling will be performed so as to establish the quantity and quality of emissions.
- (3) Further controls and/or sampling shall be required contingent upon the results of item (2) above or as the Commission finds necessary.

ESTIMATED COST: \$400,000 TOTAL PROJECT: \$4,000,000

COMMENCEMENT OF INSTALLATION: 08/75

COMMENCEMENT OF OPERATION: 07/76

REVIEWED BY: TDR APPROVED: JES

RECOMMENDATION: APPROVAL WITH QUALIFICATIONS

ASSIGNED PERMIT NUMBER: 126-A (MODIFICATION)

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkansas Eastman Company
Batesville, Arkansas

CSN: 320036

FIRST SUBMITTAL: 08/30/76 AMENDED: _____

CASE REFERENCES: Permit No. 262-A

SUMMARY:

Permit No. 262-A was approved on December 6, 1974, to allow Arkansas Eastman to construct a facility near Batesville to manufacture various intermediate organic chemicals and hydroquinone. As construction of the plant had progressed, several significant changes have occurred which necessitate a modification to the approved permit:

1. Plans for construction of the hydroquinone plant have been suspended indefinitely.
2. The organic chemicals intermediates plant will have 34 reactors rather than 26 reactors with associated equipment.
3. Control equipment for the three boilers will be electrostatic precipitators (ESP's) instead of mechanical collectors and ESP's in series. The ESP's will be 3 section units instead of 2 section units.
4. The liquid chemical destructor will have a proposed particulate emission rate (estimate) of nine pounds per hour (no particulates were proposed originally).

ESTIMATED COST: \$963,500 TOTAL PROJECT: \$30,000,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: Approximately December 1, 1976

REVIEWED BY: JBH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 262-A (MODIFICATION)

COMMISSION MINUTE ORDER NUMBER: _____

5. Provisions have been made for the following additional emission sources: three waste chemical storage tank vents, a lime storage and handling system exhaust, a cement storage bin, and a coal bunker exhaust vent.

Proposed emission rates remain unchanged except for the nine pounds per hour from the liquid chemical destructor. There will be no increase in sulfur dioxide emissions or emissions from the boilers.

Expenditures for control equipment have increased from approximately \$760,000 to approximately \$965,000.

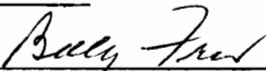
Arkansas Eastman has submitted an approved emissions monitoring program which will be initiated promptly after operation start-up.

Peabody Coal and Mining Company of Clinton, Missouri has requested a reduction of \$63,000.00 on their surety bond. This reduction represents the successful reclamation of 126 acres covered under two separate permits. Permit number 27 was mined and reclaimed for a total of 68 acres, and permit number 66 was mined and reclaimed for a total of 58 acres, all affected by "The Arkansas Open Cut Land Reclamation Act of 1971".

On the basis of this Company's effort, the Mined Land Review Committee and the Arkansas Department of Pollution Control and Ecology recommends that the Commission honor this operator's request. Permit number 27 acreage is located in a portion of the south half of Section 8, Township 10 North, Range 25 West, Johnson County, and permit number 66 acreage is located in a portion of the SE $\frac{1}{4}$ of Section 23 and a portion of the SW $\frac{1}{4}$ of Section 24, Township 10 N, Range 26 W, Franklin County, Arkansas.

Based upon the above and the attached recommendation, the Commission hereby approves this operator's request.




Chairman

Submitted by M. J. Bonner Date Passed 9/24/76