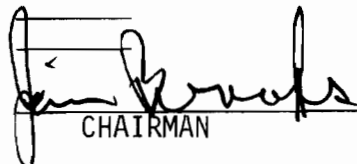


The Commission, having considered the following Application for permit submitted by the following respective firms and having reviewed the staff recommendations and the Summary Report attached hereto, does hereby approve said Application subject to the conditions contained with the Application, Summary Report, or amendments thereto, and Subsection 4(d) of the Arkansas Plan of Implementation; provided, however, that the applicant is hereby ordered and directed to comply 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>
639-A	Archer-Daniels-Midland Company Little Rock, Arkansas	\$ NA
638-A	Valdelta-Merigold, Inc McGhee, Arkansas	\$75,000
350-AI (Temp.)	Maybelline Company North Little Rock, Arkansas	\$ NA
316-A (Mod.)	Union Carbide Corporation Hot Springs, Arkansas	\$1,300,000
637-A	Weyerhaeuser Company De Queen, Arkansas	\$1,000,000
640-A	The Exxon Company - USA North Little Rock, Arkansas	\$414,000
641-A	Siplast, Inc. Arkadelphia, Arkansas	\$13,000
266-A	General Tire & Rubber Company Jonesboro, Arkansas	\$ NA
483-A	Arkansas Chemicals, Inc. El Dorado, Arkansas	\$1,000
587-A (Mod.)	A. O. Smith-Inland, Inc. Little Rock, Arkansas	\$50,000
642-A	Fasco, Inc. Springdale	\$15,600

COMMISSIONERS


CHAIRMAN

SUBMITTED BY _____ DATE PASSED _____

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Archer-Daniels-Midland Company

Little Rock, Arkansas 72203

CSN 600061 CASE REFERENCES _____

FIRST SUBMITTAL 5 Dec 80 AMENDED _____

SUMMARY:

Archer-Daniels-Midland Company of Decatur, Illinois has purchased Southern Cotton Oil Company and requests that the air permit reflect the change in ownership.

Qualifications: There will be no increase or change in production or emission rates. Archer-Daniels-Midland Company understands that they are not relieved from complying with possible future changes in VOC regulations for Pulaski County.

ESTIMATED COST: \$ NA TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION NA COMMENCEMENT OF OPERATION NA

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 639-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE 1-23-81

REV. 6/80

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Valdelta-Merigold, Inc.

McGehee, Arkansas 71654

CSN 21-0054 CASE REFERENCES _____

FIRST SUBMITTAL 11-06-80 AMENDED _____

SUMMARY:

Valdelta-Merigold Incorporated proposes the construction of a facility to store and dry 1,250,000 bushels of grain. Grain is transported to the site by trucks. Grain is cleaned by closed circuit reel type cleaners. The clean grain is then conveyed to storage and drying. Drying of the grain is accomplished by blowing hot air through the bottom storage bins and allowing it to exit out the top. The grain is moved around inside the storage bins with stirrals to allow for even drying.

All conveyors and elevators are dust tight. Emissions are controlled by baghouses with a rated efficiency of 99.95%. Estimated emissions are 0.10 pounds an hour when the plant is in operation, which is about 10 hours a day four months out of the year.

ESTIMATED COST: \$ 75,000 TOTAL PROJECT: \$ 1,600,000

COMMENCEMENT OF INSTALLATION 12-1-80 COMMENCEMENT OF OPERATION July 1, 1980

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 638-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE 1-23-81

REV. 6/80

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Maybelline Company

North Little Rock, Arkansas

CSN: 60-0578 CASE REFERENCES: Permit No. 350-AI (Temporary)

FIRST SUBMITTAL: Modification AMENDED:

SUMMARY:

Permit No. 350-AI was issued in November of 1980 to Maybelline for the temporary installation of an incinerator. At that time it was expected that thirty days of operation would be sufficient to gather the data necessary for the design of a permanent installation. Therefore, the permit was written to expire on January 15. Although enough testing has been performed to establish that the destruction of the waste is complete, additional time is desired to refine the parameters necessary for complete destruction and stable operation - primarily the balance between the increased stability achieved by providing additional excess air in the secondary chamber versus the reduced residence time.

Therefore, this permit is hereby extended to May 30, 1981 at which time it will expire.

ESTIMATED COST: NA TOTAL PROJECT: NA

COMMENCEMENT OF INSTALLATION: COMMENCEMENT OF OPERATION:

REVIEWED BY: CDH APPROVED BY: WLT

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 350-AI (Temporary)

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Union Carbide Corporation
Hot Springs, AR 71901

CSN 26-0002 CASE REFERENCES 316-A Modification

FIRST SUBMITTAL 25/November/80 AMENDED

SUMMARY: Union Carbide proposes the modification of their existing facility for the purpose of reducing the quantity of ammonia discharged in the water from the plant. A spray dryer, appropriate cyclones, venturi scrubber, bag filter, and vacuum cleaning system will be installed so that the production of crystallizer filtrate which contains ammonium sulfate can be eliminated. The venturi scrubber will have an efficiency of 98% plus on emission reduction. The bag filters will have an efficiency of 99% plus removal. Estimated emissions are as follows: Venturi scrubber - trace; bag filters - trace.

ESTIMATED COST: \$1,300,000 TOTAL PROJECT: \$ 5,500,000

COMMENCEMENT OF INSTALLATION 2-1-81 COMMENCEMENT OF OPERATION 12-1-81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 316-A (MOD.)

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE 1-23-81

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Weyerhaeuser Company, P. O. Box 387
De Queen

CSN 670009 CASE REFERENCES _____

FIRST SUBMITTAL 11-07-80 AMENDED _____

SUMMARY: Weyerhaeuser Company proposes the construction and operation of a wood waste fired burner to provide flue gas to two (2) drying kilns. The proposed burner is rated for 25 million BTU's per hour. Based upon test data of a similar installation in Canada, the particulate emission rate is 3.8 pounds per hour. Ash disposal will be accomplished on site.

ESTIMATED COST: \$ _____ TOTAL PROJECT: \$ 1,000,000

COMMENCEMENT OF INSTALLATION 12-1-80 COMMENCEMENT OF OPERATION 8-1-81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 637-A

REVIEWED BY RMM APPROVED BY WLT APPROVAL DATE 1-23-81

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY The Exxon Company - USA
Old Airport Rd., North Little Rock, Arkansas

CSN 60-0579 CASE REFERENCES _____

FIRST SUBMITTAL 11/12/80 AMENDED _____

SUMMARY:

Exxon Company, USA proposes to convert their existing tank truck loading rack from a top loading to a bottom loading configuration. Additionally they propose to install a carbon adsorption/absorption gasoline vapor recovery system at their North Little Rock (Pulaski County) bulk terminal. Since Pulaski County is a non-attainment area for hydrocarbons, the Exxon Company is subject to Section 5 of the Arkansas Regulations For The Control of Volatile Organic Compounds of the SIP.

The only emissions from this facility will be hydrocarbons from the three (3) storage tanks and the tank truck loading operation. The proposed carbon absorption/absorption system does meet the requirements of Section 5.1 (c) and EPA's definition of LAER (lowest achievable emission rate). The system is designed by the John Zink Company and will limit the average emissions to less than 30 mg/l of product loaded. The allowable emissions rate for the system will be 60 mg/l of product loaded.

The three external floating roof storage tanks receive the petroleum products via pipeline and are not subject to additional regulations at this time. Future regulations will require additional control equipment to be installed on these tanks before July, 1982.

ESTIMATED COST: \$ 414,000 TOTAL PROJECT: \$ 414,000

COMMENCEMENT OF INSTALLATION 01/81 COMMENCEMENT OF OPERATION 05/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 640-A

REVIEWED BY RGG APPROVED BY WLT APPROVAL DATE 1-23-81

REV. 6/81

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY The Exxon Company - USA

Old Airport Rd., North Little Rock, Arkansas

CSN 60-0579 CASE REFERENCES _____

FIRST SUBMITTAL 11/12/80 AMENDED _____

SUMMARY:

Exxon Company, USA proposes to convert their existing tank truck loading rack from a top loading to a bottom loading configuration. Additionally they propose to install a carbon adsorption/absorption gasoline vapor recovery system at their North Little Rock (Pulaski County) bulk terminal. Since Pulaski County is a non-attainment area for hydrocarbons, the Exxon Company is subject to Section 5 of the Arkansas Regulations For The Control of Volatile Organic Compounds of the SIP.

The only emissions from this facility will be hydrocarbons from the three (3) storage tanks and the tank truck loading operation. The proposed carbon absorption/absorption system does meet the requirements of Section 5.1 (c) and EPA's definition of LAER (lowest achievable emission rate). The system is designed by the John Zink Company and will limit the average emissions to less than 30 mg/l of product loaded. The allowable emissions rate for the system will be 60 mg/l of product loaded.

The three external floating roof storage tanks receive the petroleum products via pipeline and are not subject to additional regulations at this time. Future regulations will require additional control equipment to be installed on these tanks before July, 1982.

ESTIMATED COST: \$ 414,000 TOTAL PROJECT: \$ 414,000

COMMENCEMENT OF INSTALLATION 01/81 COMMENCEMENT OF OPERATION 05/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 640-A

REVIEWED BY RGG APPROVED BY WLT APPROVAL DATE 1-23-81

REV. 6/80

PUBLIC NOTICE

Pursuant to Section 5118, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

Exxon Company, USA proposes to convert their existing tank truck loading rack from a top loading to a bottom loading configuration. Additionally they propose to install a carbon adsorption/absorption gasoline vapor recovery system at their North Little Rock (Pulaski County) bulk terminal. Since Pulaski County is a non-attainment area for hydrocarbons, the Exxon Company is subject to Section 5 of the Arkansas Regulations For The Control of Volatile Organic Compounds of the SIP.

The only emissions from this facility will be hydrocarbons from the three (3) storage tanks and the tank truck loading operation. The proposed carbon adsorption/absorption system does meet the requirements of Section 5.1 (c) and EPA's definition of LAER (lowest achievable emission rate). The system is designed by the John Zink Company and will limit the average emissions to less than 30 mg/l of product loaded. The allowable emissions rate for the system will be 60 mg/l of product loaded.

The three external floating roof storage tanks receive the petroleum products via pipeline and are not subject to additional regulations at this time. Future regulations will require additional control equipment to be installed on these tanks before July, 1982.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the Pulaski County Courthouse, Little Rock.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 13th day of January, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JANUARY 13, 1981

EXXON COMPANY - USA

Ms. Adlene Harrison
Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas
ATTENTION: Ms. Ellen Greeney

Mr. Bobby J. McCoy, Director
Arkansas Department of Local Services
Suite 900 - First National Building
Little Rock, Arkansas 72201

The Honorable Webster L. Hubbell
Mayor of Little Rock
City Hall
Little Rock, Arkansas 72201

Mrs. Alice Gray
Little Rock Public Library
700 Louisiana
Little Rock, AR 72201

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

Mr. H. T. Holiman
c/o Exxon Company, USA Terminal
P.O. Box 3112
North Little Rock, AR 72117

The Honorable W. E. Beaumont, Jr.
County Judge
Pulaski County Courthouse
Little Rock, Arkansas 72201

North Little Rock Times
26th and North Willow Streets
North Little Rock, Arkansas 72114

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Siplast, Inc.
Arkadelphia, Arkansas 71923

CSN 10-0064 CASE REFERENCES _____

FIRST SUBMITTAL 12/1/80 AMENDED _____

SUMMARY:

Siplast, Inc. proposes the construction of a roofing plant at Arkadelphia. Because the felt does not have to be saturated with oil the emissions from the plant will be greatly reduced over what is normally associated with a roofing plant. The proposed plant will manufacture four different roofing products on a single production line. Only one product can be produced at a time. The process involves two phases. The first phase involves the blending of various combinations of blown or distilled asphalts, elastomers, fillers, and oils. The second phase is the actual fabrication of the product. An asphaltic based mixture is applied to a fiberglass or woven glass mat. Sand is then applied to the mat. Aluminum lamination may be applied to the mat depending on the product. Finally a polyethylene film is then applied. Actual emissions are as listed.

Sand 6.3 lbs/hr
Asphalt & elastomers 2.9 lbs/hr
MISC. .3 lbs/hr

ESTIMATED COST: \$ 13,000 TOTAL PROJECT: \$ 2,900,000

COMMENCEMENT OF INSTALLATION 1/26/81 COMMENCEMENT OF OPERATION 6/1/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 641-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE 1-23-81

REV. 6/80

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY General Tire and Rubber Company
Jonesboro, Arkansas 72401

CSN 16-0095 CASE REFERENCES Modification of Permit 266-A

FIRST SUBMITTAL 10-2-80 AMENDED _____

SUMMARY:

General Tire and Rubber Company requests an increase in their allowable emissions of hydrocarbons. This increase is necessary because of increased production demand and a better accounting of actual emissions. The original permit was based on estimated emissions. The new limits are based on sampling and actual solvent useage. The actual emissions of solvents per pound of product produced have actually been reduced. Most of the hydrocarbons emitted to the atmosphere have very low photochemical activity. These chemicals are "B-Solve Naphtha" and Isopropyl Alcohol. The solvents which might be photochemically active are cleaning solvents and are fugitive emissions. Actual emissions are as follows:

SN-1 - 167 lbs./hr
SN-2 - 80 lbs./hr
SN-3 - 37 lbs./hr
SN-4 - 20 lbs./hr

Unaccounted for fugitive emissions 15.5 lbs./hr

ESTIMATED COST: \$ NA TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION NA COMMENCEMENT OF OPERATION NA

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 266-A (Modified)

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE 1-23-81

PUBLIC NOTICE

Pursuant to Section 51-18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

General Tire and Rubber Company requests an increase in their allowable emissions of hydrocarbons. This increase is necessary because of increased production demand and a better accounting of actual emissions. The original permit was based on estimated emissions. The new limits are based on sampling and actual solvent useage. The actual emissions of solvents per pound of product produced have actually been reduced. Most of the hydrocarbons emitted to the atmosphere have very low photochemical activity. These chemicals are "B-Solve Naphtha" and Isopropyl Alcohol. The solvents which might be photochemically active are cleaning solvents and are fugitive emissions. Actual emissions are as follows:

SN-1	-	167	lbs./hr
SN-2	-	80	lbs./hr
SN-3	-	37	lbs./hr
SN-4	-	20	lbs./hr

Unaccounted for fugitive emissions 15.5 lbs./hr.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department central office, 8001 National Drive, Little Rock.

Interested or affected persons may also submit written comments on the proposal to the Department within 30 days of this publication.

Dated this 20th day of January, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JANUARY 20, 1981

THE GENERAL TIRE & RUBBER COMPANY

Ms. Adlene Harrison
Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 72570
ATTENTION: Ms. Ellen Greeney

Mr. Bobby J. McCoy, Director
Arkansas Department of Local Services
Suite 900 - First National Building
Little Rock, Arkansas 72201

The Honorable Webster L. Hubbell
Mayor of Little Rock
City Hall
Little Rock, Arkansas 72201

Mrs. Alice Gray
Little Rock Public Library
700 Louisiana
Little Rock, Arkansas 72201

The Honorable W. E. Beaumont, Jr.
County Judge
Pulaski County Courthouse
Little Rock, Arkansas 72201

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

The Jonesboro Sun
518 Carson
Jonesboro, Arkansas 72401

Mr. S. Salem
Vice President
General Tire & Rubber Company
One General Street
Akron, Ohio 44329

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkansas Chemicals, Inc.
El Dorado, Arkansas 71730

CSN: 700035 CASE REFERENCES: Permit 483-A

FIRST SUBMITTAL: Modification AMENDED: _____

SUMMARY:

Arkansas Chemicals proposes to convert two of their present steam generating boilers so that they will have the capability to burn No. 6 fuel oil. This change is required because of the curtailment in the availability of natural gas during some winter months. The estimated emissions are 160 pounds an hour of SO₂ from boiler number 1 and 228 pounds an hour from boiler number 2. This emission to the atmosphere would only be when the boilers are required to burn No. 6 fuel oil with a sulfur content of 3%.

Because of Qualification 1, potential emissions of SO₂ from the source will be less than 100 tons per year. Potential emissions of other pollutants from the source also are less than 100 tons per year. The source therefore is not subject to PSD permit review.

QUALIFICATIONS: 1. In any one year Arkansas Chemical shall not burn more than 400,000 gallons of No. 6 fuel oil with a sulfur content of 3% or less.

2. The stack height shall be 70 feet.

ESTIMATED COST: \$1,000 TOTAL PROJECT: \$30,000

COMMENCEMENT OF INSTALLATION: 3/1/80 COMMENCEMENT OF OPERATION: 12/1/80

REVIEWED BY: PDD APPROVED BY: JDW

RECOMMENDATION: Approval with Qualifications ASSIGNED PERMIT NUMBER: 483-A (Modified)

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY A. O. SMITH-INLAND, INC.
Little Rock, Arkansas 72209

CSN 60-0118 CASE REFERENCES

FIRST SUBMITTAL 01-06-81 AMENDED

SUMMARY:

A. O. Smith-Inland proposes a modification of their existing process for the manufacturing of glass epoxy fittings. The new process will incorporate two new waterfall spray booths, and three new ventilated ovens. Maximum emissions from the ovens are estimated at less than 0.1 pounds an hour. Estimated emissions from the paint spray booths are less than five pounds an hour. Total emissions from the plant will be reduced by 2,084 pounds a year. A. O. Smith-Inland requests that portions of the process be kept confidential.

ESTIMATED COST: \$ 50,000 TOTAL PROJECT: \$ 195,000

COMMENCEMENT OF INSTALLATION 02-2-81 COMMENCEMENT OF OPERATION 03-2-81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 587-A (Modified)

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE 1-23-81

REV. 6/80

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Fasco, Inc.
Springdale

CSN: 720154 CASE REFERENCES: _____

FIRST SUBMITTAL: November 24, 1981 AMENDED: _____

SUMMARY:

Fasco, Inc. proposes to construct a facility to manufacture shears, scissors, and other metal hand tools. The process involves drilling, grinding, polishing, salt bath hardening, and nickel and chrome plating. Dust from the grinding, polishing, etc. will be controlled by a bag house with an efficiency of 99%. Estimated emissions are as follows:

SN-1 --3 1.5 lbs/hr
SN-4 less than .1 lbs/hr
SN-5 --12 less than .1 lbs/hr
SN-13 less than .5 lbs/hr

ESTIMATED COST: \$15,600 TOTAL PROJECT: \$190,000

COMMENCEMENT OF INSTALLATION: 1 February 81 COMMENCEMENT OF OPERATION: 1 May 81

REVIEWED BY: PDD APPROVED BY: JDW

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 642-A