

The Commission, having considered the following Application for permits 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 Applications, Summary Reports, 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>
669-A	Port of Roseville Paris, Arkansas	\$ 3,000
609-A (Mod.)	Baldwin Piano & Organ Company Conway, Arkansas	\$ 41,600
253-A (Mod.)	W. R. Grace, Construction Products Division, North Little Rock, Arkansas	\$ 56,000
262-A (Mod.)	Arkansas Eastman Batesville, Arkansas	NA
39-A (Mod.)	3M Company Little Rock, Arkansas	\$ 5,100,000
27-A (Mod.)	Reynolds Metals Company Bauxite, Arkansas	\$ 25,000
604-A (Mod.)	Anheuser-Busch, Inc. Jonesboro, Arkansas	NA
587-A (Mod.)	A. O. Smith-Inland Little Rock, Arkansas	\$ 510,000
270-A (Mod.)	Vertac Chemical Corporation Jacksonville	\$ 100,000

COMMISSIONERS


Handwritten signatures and initials:
CMB
J.B.
A.J.
T.W.

Handwritten signature:
CHAIRMAN

SUBMITTED BY John D. Ward DATE PASSED September 25, 1981

The Summary Report, prepared by the staff, is 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 Order, the Permit, and the Summary Report, is to be attached to the Application for Permit which is on file in the Department's central office. It is further noted that the approval of this application is based upon information contained within the Application for Permit - not the Summary Report. Nevertheless, the applicant is expected to forthwith notify the Department of any discrepancies found between the two documents.

COMMISSIONERS




 CHAIRMAN

SUBMITTED BY John D. Ward DATE PASSED September 25, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Port of Roseville

Paris

CSN 360058 CASE REFERENCES _____

FIRST SUBMITTAL July 6, 1981 AMENDED _____

SUMMARY:

The construction of a loading and unloading facility for rock, grain, and coal has been proposed for the Arkansas River near Paris. Covered conveyors and water sprays will be used to minimize the loss of any fugitive dust. The road to the facility will be watered or paved as required to minimize dusting. Because of the nature of the material handled, the expected emissions will be insignificant.

ESTIMATED COST: \$ 3,000 TOTAL PROJECT: \$ 10,000

COMMENCEMENT OF INSTALLATION 8/10/81 COMMENCEMENT OF OPERATION 10/10/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 669-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE September 25, 1981

REV. 6/80

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Baldwin Piano & Organ Company
Conway

CSN 230007 CASE REFERENCES _____

FIRST SUBMITTAL July 30, 1981 AMENDED _____

SUMMARY:

Baldwin operates a facility in Conway which assembles pianos and guitars. Baldwin proposes the installation of equipment to collect the dust generated in various sandings operations, filter the air, and return it to the work area.

ESTIMATED COST: \$ 41,600 TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION ^{Upon} Approval COMMENCEMENT OF OPERATION NA

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 609-A (Modification)

REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE September 25, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY W. R. Grace, Construction Products Division
North Little Rock

CSN 600106 CASE REFERENCES _____

FIRST SUBMITTAL 7-29-81 AMENDED _____

SUMMARY:

W. R. Grace operates a facility in North Little Rock which processes vermiculate for use in construction, industry and horticulure. Installation of a baghouse and associated ducting is proposed to control fugitive emissions from the conveying and storage equipment. The allowable particulate emission rate is 1 pound per hour.

ESTIMATED COST: \$56,000 TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION Upon Approval COMMENCEMENT OF OPERATION NA

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 253-A (Modification)

REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE September 25, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Arkansas Eastman Company

Batesville

CSN 320036 CASE REFERENCES _____

FIRST SUBMITTAL 8-4-81 AMENDED _____

SUMMARY:

On July 25, 1980 Permit 262-A was modified to allow Arkansas Eastman to install additional process equipment and a coal fired boiler. The permit was qualified to require that Eastman continue operation of the continuous ambient air monitoring equipment which had been installed for purposes of PSD, and that Eastman initiate an ambient sampling program specific to the types of chemicals which could be emitted by the facility. Eastman has now collected a full year of data which, as expected, demonstrates that the ambient concentrations of the criteria pollutants are well below the NAAQS. This data will be acceptable as preconstruction monitoring for PSD applications for a three year period. Therefore, Eastman now requests approval to cease operation of the continuous monitoring equipment. Approval of Eastman's proposal shall not affect the special ambient sampling program or any other term or condition of previously issued permits.

ESTIMATED COST: \$ _____ TOTAL PROJECT: \$ _____

COMMENCEMENT OF INSTALLATION _____ COMMENCEMENT OF OPERATION _____

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 262-A (Modification)

REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE September 25, 1981

REV. 6/80

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY 3M Company

Little Rock

CSN 600003 CASE REFERENCES _____

FIRST SUBMITTAL _____ AMENDED _____

SUMMARY:

3M operates a facility southeast of Little Rock, which manufactures roofing granules. Due to the age of the plant, there have been periods of time when the particulate emissions from some of the sources have exceeded the allowable emission rates. Therefore, 3M has engaged, since early 1979, in an extensive air pollution control program, with an expenditure of approximately \$5.1 million. The program was scheduled to be completed in July of this year. However, due to structural and electrical problems related to the age of the plant, additional controls for the last two sources (No. 3 kiln and No. 3 mixer) will not be completed until February of 1982.

3M has performed atmospheric dispersion modelling to demonstrate that because of the extremely large particle size, the National Ambient Air Quality Standard is not being threatened.

As of February 1, 1982, the attached allowable emission rates will be in effect. A 37 percent reduction from the existing allowable emission rates will be achieved.

ESTIMATED COST: \$ 5,100,000 TOTAL PROJECT: \$ _____

COMMENCEMENT OF INSTALLATION _____ COMMENCEMENT OF OPERATION _____

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 39-A (Modification)

REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE September 25, 1981

ALLOWABLE PARTICULATE EMISSION RATES (POUNDS/HOUR)

Crushing and Screening

1.	Dryer feed	5
2.	Line No. 1	5
3.	Line No. 2	5
4.	Line No. 3	5
5.	Filler Production Area	5
6.	Tripper Floor	5

Drying

7.	Portable Rock Dryer	5
8.	Rock Dryer	5

Coloring

9.	No. 1 Filler Tank	1
10.	No. 2 Filler Tank	1
11.	No. 1 Kiln and No. 1 Mixer	25
12.	No. 2 Kiln	190
13.	No. 3 Kiln and No. 3 Mixer	10
14.	No. 2 Mixer	33
15.	No. 1, 2, and 3 Coolers	25
16.	Preheater	75
17.	No. 1 Clay Tank	3
18.	No. 2 Clay Tank	3
19.	No. 3 Clay Tank	3
20.	Clay Unloading Station	3
21.	No. 21 Elevator	3
22.	No. 22 Elevator	3
23.	No. 23 Elevator	3
24.	Feed End Coloring	5
25.	Waste Silo	3

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Reynolds Metals Company
Bauxite
CSN 630005 CASE REFERENCES _____
FIRST SUBMITTAL 7-18-81 AMENDED _____

SUMMARY:

Reynolds Metals Company (RMC) has used a part of the equipment in an existing drying operation, temporarily, to develop an aluminum hydrate product. RMC now proposes to make this operation permanent. The hydrate is reduced in size by grinding, dried and transferred to storage. The particulate emissions are controlled with a baghouse. The allowable particulate emission rate is 5 pounds per hour.

ESTIMATED COST: \$ 25,000 TOTAL PROJECT: \$ 318,000
COMMENCEMENT OF INSTALLATION NA COMMENCEMENT OF OPERATION NA
RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 27-A (Modification)
REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE September 25, 1981

REV. 6/80

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Anheuser-Busch, Inc.
Jonesboro
CSN 160104 CASE REFERENCES _____
FIRST SUBMITTAL 8-10-81 AMENDED _____

SUMMARY:

Permit No. 604-A was issued on April 25, 1980 to Anheuser-Busch for the expansion of its rice storage facilities at Jonesboro and the installation of a rice milling operation. Due to economic and design considerations, a management decision on the feasibility of constructing the milling expansion has been continually postponed. The feasibility decision is now targetted for the first of 1982. The EPA requires that permits issued under the SIP contain a condition that construction must begin within 18 months of permit approval. Therefore, Anheuser-Busch requests that Permit No. 604-A be modified to allow additional time necessary to finalize the details necessary for this decision.

ESTIMATED COST: \$ NA TOTAL PROJECT: \$ NA
COMMENCEMENT OF INSTALLATION NA COMMENCEMENT OF OPERATION NA
RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 604-A (Modification)
REVIEWED BY CDH APPROVED BY JDW APPROVAL DATE September 25, 1981

REV. 6/80

Anheuser-Busch, Inc.
Jonesboro
Permit No. 604-A (Modification)
September 25, 1981

ALLOWABLE PARTICULATE EMISSION RATES

1.	System 100 Fabric Filter	4.2 pounds per hour
2.	System 200 Fabric Filter	3.2 pounds per hour
3.	System 300 Fabric Filter	5.1 pounds per hour
4.	System 400 Fabric Filter	8.0 pounds per hour
5.	No. 1 Product Receiver-Fabric Filter	0.2 pounds per hour
6.	No. 2 Product Receiver-Fabric Filter	1.3 pounds per hour

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY A. O. Smith-Inland

Little Rock

CSN 600118 CASE REFERENCES _____

FIRST SUBMITTAL 9-8-81 AMENDED _____

SUMMARY:

A. O. Smith-Inland proposes the installation of an acetone recovery system which will significantly reduce the emissions of regulated volatile organic compounds (VOC). Concurrently, changes will be made in the pipe winding lines, 4 spray booths and an oven will be added, and other minor process changes will be made which will reduce maximum VOC emissions slightly. The net result will be a reduction of 197 tons per year of normal emissions of VOC. Overall emissions after the change will be as follows:

	<u>NORMAL</u>	<u>MAXIMUM</u>
Regulated VOC	128 tons/yr	433 tons/yr (117 lbs/hr)
Total hydrocarbon	188 tons/yr	584 tons/yr (161 lbs/hr)

Process data and operating rates are held confidential under Section 3(c) of the Air Code and Section 4(e) of the regulations of the State Implementation Plan. This permit is issued under the State Implementation Plan.

ALLOWABLE EMISSIONS ARE AS FOLLOWS:

1. Acetone emissions from acetone recovery system 24 lbs/hr
2. Acetone emissions not captured by the recovery system 8 lbs/hr
32 lbs/hr
3. Total emissions of regulated VOC including 1. and 2. 117 lbs/hr (433 tons/yr)

(CONTINUED.)

ESTIMATED COST: \$ 510,000 TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION 4-1-82 COMMENCEMENT OF OPERATION 12-15-82

RECOMMENDATION Approval w/condition ASSIGNED PERMIT NUMBER 587-A (Modification)

REVIEWED BY STC APPROVED BY JDW APPROVAL DATE September 25, 1981

REV. 6/80

SUMMARY REPORT
A. O. Smith-Inland
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CONDITIONS:

1. A. O. Smith-Inland shall maintain necessary records for verification of emissions, and shall submit annual emissions inventories.
2. The acetone recovery system shall be placed in operation and debugged no later than December 15, 1982.
3. A. O. Smith-Inland shall submit monthly reports of the progress of the development and installation of the acetone recovery system, beginning in October, 1981, and continuing through startup and performance testing, with the final report due December 15, 1982.

ESTIMATED COST \$510,000 TOTAL PROJECT NA

COMMENCEMENT OF INSTALLATION 4-1-82 REVIEWED BY SIC

COMMENCEMENT OF OPERATION 12-15-82 APPROVED BY JDW

RECOMMENDATION Approval w/conditions ASSIGNED PERMIT NUMBER 587-A (Modification)
