

MINUTE ORDER NO. _____

Air Permits

PAGE 2 OF 2 PAGES

APPLICATION FOR PERMIT - INDUSTRIAL FACILITIES

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
547-A	Umpire Timber Products Glenwood	\$ 10,000
548-A	Standard Rendering Company Russellville	647,390

APPLICATION FOR PERMIT - INCINERATORS

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
322-AI	Town and Country Supermarket Batesville	6,000
323-AI	Magnolia City Hospital Magnolia	-
324-AI	Cimarron Lumber Company Hatfield	40,000

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

COMMIS-
SIONERS two documents.

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 CHAIRMAN

SUBMITTED BY John A. Mitchell DATE PASSED 3-23-79

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY L and N Asphalt, Incorporated
Stuttgart

CSN 882010

FIRST SUBMITTAL 9-2-72 AMENDED 3-23-79

CASE REFERENCES _____

SUMMARY:

L and N Asphalt, Incorporated, of Stuttgart will install a fabric filter manufactured by Engineered Services and Systems of Memphis to replace their existing Barber-Greene baghouse.

The Barber-Greene equipment is too small to properly handle the plant's emissions.

The new equipment will have 270 fabric bags with a total cloth area of 6,370 square feet. The air-to-cloth ratio will be 5.6 to 1. Maximum allowable emissions for the new equipment will be 12.34 pounds per hour (0.04 grains per cubic foot) of particulate.

ESTIMATED COST \$ 44,000 TOTAL PROJECT \$ -

COMMENCEMENT OF INSTALLATION _____

COMMENCEMENT OF OPERATION _____

REVIEWED BY JB APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 130-A (Modification)

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Riverside Furniture Corporation (#4)
Fort Smith

CSN 660004

FIRST SUBMITTAL 2-26-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Riverside Furniture proposes to increase the dust collecting capacity of their present system by adding two new systems inside their plant.

The dust will be pneumatically conveyed to one of four cyclones where the larger particles will be removed and then to one of five bag houses which will remove in excess of 99% of the fines which are remaining.

ESTIMATED COST \$ 350,000 TOTAL PROJECT \$ 350,000

COMMENCEMENT OF INSTALLATION 4-1-79

COMMENCEMENT OF OPERATION 7-1-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 182-A (Modification)

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Arkansas Aluminum Alloys, Incorporated
Hot Springs

CSN 260077

FIRST SUBMITTAL March 7, 1979 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Arkansas Aluminum Alloys proposes the installation of a third furnace at their plant in Hot Springs. The third furnace will only be operated when one of the other two furnaces are down for repairs. The furnace is the same type as the first two and operating constraints will prevent the three of them from being used at the same time so there will be no permitted increase in emissions.

ESTIMATED COST \$ 100,000 TOTAL PROJECT \$ 100,000

COMMENCEMENT OF INSTALLATION April 1, 1979

COMMENCEMENT OF OPERATION June 1, 1979

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 279-A (Modification)

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Warren Tool Corporation

Fayetteville

CSN 720101

FIRST SUBMITTAL 1-29-78 AMENDED _____

CASE REFERENCES _____

SUMMARY:

The facility will be used to manufacture heavy forged steel hand tools. Raw material in the form of long steel bars are sheared in short lengths called billets. The billets are then heated in a natural gas fired oven; then forged into the desired shapes. After forging, the tools are machined to finer tolerances. Some of the tools are then reheated, quenched in water, then reheated again. All tools are shot blasted to remove scale and rust and then dipped in a vat of water base paint for protection.

Grinders and polishers have self contained dust collectors that vent back into the building. The shot blaster has a separate dust collector rated at 99% efficiency.

ESTIMATED COST \$100,000 TOTAL PROJECT \$2,000,000

COMMENCEMENT OF INSTALLATION 2-79

COMMENCEMENT OF OPERATION 6-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 539-A

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Minnesota Mining and Manufacturing Company

Little Rock

CSN 600414

FIRST SUBMITTAL 2-6-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Minnesota Mining and Manufacturing operates a rock crushing facility at their Arch Street Plant in Little Rock.

For the purpose of upgrading this facility and to control dust emissions, a transfer station and conveyors #4 and #5 will be replaced. A new conveyor #6A and a 100 ton storage bin are also to be added. Dust control will be achieved by three bag filters with a design efficiency at 99.9%. There will be no increase in production capacity.

ESTIMATED COST \$ 300,000 TOTAL PROJECT \$ 1,600,00

COMMENCEMENT OF INSTALLATION 4-1-79

COMMENCEMENT OF OPERATION 8-1-79

REVIEWED BY RMM APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 542-A

COMMISSION MINUTE ORDER NUMBER _____

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:

Minnesota Mining and Manufacturing Company operates a rock crushing facility at their Arch Street Plant in Little Rock.

For the purpose of upgrading, two (2) conveyors and a transfer station will be replaced; a new conveyor and a storage bin will be added. Dust control will be achieved by the installation of three (3) bag filters.

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 Little Rock Public Library, 700 Louisiana, 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 1st day of March, 1979.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED THURSDAY, MARCH 1, 1979

MINNESOTA MINING AND MANUFACTURING COMPANY, LITTLE ROCK

Mrs. Adlene Harrison
Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

Mr. Bobby McCoy
Director
Arkansas Department of Local
Services
Suite 900 - First National Building
Little Rock, Arkansas 72202

The Honorable A. M. "Sandy" Keith
Mayor of Little Rock
City Hall
Little Rock, Arkansas 72202

The Honorable W. E. "Bill" Beaumont
Pulaski County Judge
Pulaski County Courthouse
Little Rock, Arkansas 72202

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

The Arkansas Democrat
East Capitol Avenue & Scott Sts.
Little Rock, Arkansas 72201

Little Rock Public Library
700 Louisiana
Little Rock, Arkansas 72201

Mr. James Lee
Senior Environmental Engineer
Minnesota Mining and Manufacturing
Post Office Box 33331
St. Paul, Minnesota 55423

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY McGehee Producers Gin, Incorporated

McGehee

CSN 210016

FIRST SUBMITTAL 1-30-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

McGehee Producers Gin, Inc., plans to install a waste disposal system at their cotton gin to replace an existing "teepee" burner.

The equipment to be installed will include a bank of ten (10) cyclones to collect the waste and a fan system to move the waste to a central collector. The waste will then be hauled away by trailers or kept for later use as feed or compost material.

ESTIMATED COST \$ 21,000 TOTAL PROJECT \$ _____

COMMENCEMENT OF INSTALLATION 2-15-79

COMMENCEMENT OF OPERATION 1-9-80

REVIEWED BY JBJ APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 543-A

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Travenol Laboratories, Incorporated

Mountain Home

CSN 030030

FIRST SUBMITTAL 4-27-78 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Travenol Laboratories proposes the construction of a sterilization chamber for their Mountain Home facility.

The objects to be sterilized are placed in the facility and a vacuum is drawn on the chamber. Then 60 to 90 pounds of ethylene oxide are injected into the chamber where it remains for one and one half to two hours. The chamber is then evacuated again and the ethylene oxide is exhausted to the atmosphere. There will be three chambers and each will be used two or three times daily.

ESTIMATED COST \$ 50,000 TOTAL PROJECT \$ 250,000

COMMENCEMENT OF INSTALLATION now installed

COMMENCEMENT OF OPERATION upon approval

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 544-A

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Nashville Crate and Basket Company
Nashville

CSN 310003

FIRST SUBMITTAL 2-28-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Nashville Crate and Basket Company proposes to replace an existing teepee burner and a gas fired boiler with a wood waste boiler. This boiler is one that has been used at Little Rock Crate and Basket Company.

The boiler will be modified for more efficient combustion. The installation of this facility will result in a reduction in the total amount of particulate being released to the atmosphere and a reduction in fuel consumption.

With the proposed modification, there will be no visible emissions to the atmosphere.

ESTIMATED COST \$ 36,000 TOTAL PROJECT \$ 36,000

COMMENCEMENT OF INSTALLATION 3-15-79

COMMENCEMENT OF OPERATION 5-15-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 545-A

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Owatonna Tool Company

Searcy

CSN 730052

FIRST SUBMITTAL 3-8-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Owatonna proposes the construction of a facility to finish and paint tool parts which will be manufactured in Searcy.

The facility will consist of five major sections: (1) a five stage washer, (2) dry-off oven, (3) two dry spray painting booths, (4) two cooling tunnels, and (5) paint bake oven.

The five stage washer uses water to clean soils from machined parts. The dry off oven is a gas-fired heater. The two cooling tunnels cool the parts with forced air. The paint booths use electrostatic deposition. The paint solid emissions are to be controlled by air filters with a rated efficiency of 95%. The estimated discharge would be .11 pounds an hour. The paint bake ovens drive off any remaining solvents and cures the paints.

The estimated amount of solvents driven off is 4.31 pounds an hour. No solids are emitted from the paint bake oven.
(see attached sheet)

ESTIMATED COST \$ 100,000 TOTAL PROJECT \$ 2,000,000

COMMENCEMENT OF INSTALLATION 4-1-79

COMMENCEMENT OF OPERATION 6-1-80

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 546-A

COMMISSION MINUTE ORDER NUMBER _____

Summary Report
Owatonna Tool Company
Page Two

Owatonna Tool Company will set up a sampling program to be operated on a quarterly basis to insure compliance with permit requirements.

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Umpire Timber Products, Incorporated

Glenwood

CSN 550019

FIRST SUBMITTAL 3-15-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Umpire Timber Products proposes the reopening of an existing plywood plant.

Logs are brought in and debarked. They are then cut to length and soaked in hot water to prevent cracking. From the water, they go to the lathe where the veneer is peeled from the log. The veneer is then cut to size, sorted, and passed through a dryer. From the dryer, the material goes to the spreader where the sheets are glued together. The material then goes to a hot press to insure the integrity of the joint. The only significant emission comes from the two dryers (2.5 pounds an hour from each dryer) which consists of volatiles and gases from the wood being dried.

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

COMMENCEMENT OF INSTALLATION 4-1-79

COMMENCEMENT OF OPERATION 5-1-79

REVIEWED BY PDD APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 547-A

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Standard Rendering Company
Russellville

CSN 580003

FIRST SUBMITTAL 2-5-79 AMENDED _____

CASE REFERENCES Permit No. 93-A, issued 2-11-72

SUMMARY:

Standard Rendering Company, a Division of Darling-Delaware Company, Incorporated, plans to replace or modify certain items of process equipment and odor control systems at their Russellville plant.

The new and/or modified equipment will provide more efficient product processing and improved odor control for the plant and surrounding area.

Major items of new processing equipment to be installed will include: two (2) Stord-Bortz Rotadisc cookers and four (4) Air Conditioning Corporation air cooled condensers. New odor pollution control equipment will include: two (2) Air Conditioning Corporation packed tower air scrubbers with a scrubbing capacity of 75,000 cubic foot per minute each. Sodium hypochlorite will be utilized as an odor oxidizing agent in the new air scrubbers.

ESTIMATED COST \$ 647,390 TOTAL PROJECT \$ 1,750,000

COMMENCEMENT OF INSTALLATION _____

COMMENCEMENT OF OPERATION 5-15-79

REVIEWED BY JBj APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 548-A

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Town and County Supermarket

Batesville

CSN 320041

FIRST SUBMITTAL 2-19-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Town and County Supermarket of Batesville proposes to install an Atlas incinerator, Model VM-48, to dispose of 750 to 1,000 pounds of cardboard waste per day.

The unit has a design capacity of 300 pounds per hour and will be used for four to six hours each day. The unit has primary and secondary burners, with a maximum capacity of 800,000 BTU/hour.

The stack sampling test made on a similar unit in Gassville, Arkansas in March, 1977, showed a particulate emission rate of 0.085 grains per dry standard cubic feet (gr/dscf) at 12 percent carbon dioxide (CO₂).

ESTIMATED COST \$ 6,000 TOTAL PROJECT \$ 6,000

COMMENCEMENT OF INSTALLATION _____

COMMENCEMENT OF OPERATION _____

REVIEWED BY HMF APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 322-AI

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Magnolia City Hospital

Magnolia

CSN 140044

FIRST SUBMITTAL 2-1-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Magnolia City Hospital proposes to install a pathological Consumat incinerator (Model C-32 P). It has a capacity of 130 pounds per hour for type "0" waste, 170 pounds per hour for type "1" waste, 200 pounds per hour for type "2" waste and 85 pounds per hour for type "4" waste.

The daily waste is about 1040 pounds and the unit will be operated about eight hours per day.

The unit has primary and secondary burners, each with a capacity of 350,000 BTU/hour and is equipped to burn natural gas.

Recent test data on file with the Department shows this model's particulate emissions to be less than 0.04 grains per dry standard cubic feet (gr/dscf) at 12 percent carbon dioxide (CO₂).

ESTIMATED COST \$ _____ TOTAL PROJECT \$ 7,699

COMMENCEMENT OF INSTALLATION _____

COMMENCEMENT OF OPERATION _____

REVIEWED BY HMF APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 323-AI

COMMISSION MINUTE ORDER NUMBER _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUBMITTED BY Cimarron Lumber Company

Hatfield

CSN 570017

FIRST SUBMITTAL 3-14-79 AMENDED _____

CASE REFERENCES _____

SUMMARY:

Cimarron Lumber Company at Hatfield plans to install a conical steel incinerator manufactured by Rees-Memphis, Incorporated for disposal of waste wood from their post and pole peeling plant.

The incinerator will burn 15,181 pounds per hour of green pine bark and shavings at a temperature of 800°F. The unit will have an electronic control system to control exit gas temperature by automatically adjusting a forced draft system and vari-damper.

The equipment will have a predicted particulate emission rate of less than 0.2 grains per standard cubic foot and will comply with the 20% opacity limit for new equipment when operated at the rated temperature of 800°F.

ESTIMATED COST \$ 40,000 TOTAL PROJECT \$ 42,000

COMMENCEMENT OF INSTALLATION 5-1-79

COMMENCEMENT OF OPERATION 5-31-79

REVIEWED BY JBJ APPROVED BY JAM

RECOMMENDATION Approval

ASSIGNED PERMIT NUMBER 324-AI

COMMISSION MINUTE ORDER NUMBER _____