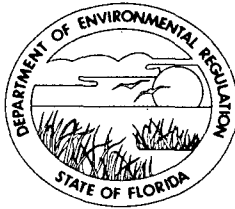


Bruce

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ  
GOVERNOR  
DALE TWACHTMANN  
SECRETARY

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF PERMIT

Mr. R. D. Herr  
Production Manager  
Armstrong World Industries, Inc.  
P. O. Box 1991  
Pensacola, Florida 32589

July 10, 1987

Enclosed is construction permit No. AC 17-132374 to Armstrong World Industries, Inc. to replace the No. 5 Wet Scrubber with a new unit having greater cleaning efficiency. This unit will service the existing Nos. 1 and 2 Tenoners and Kiln Feeder. This permit is issued pursuant to Section 403, Florida Statutes.

Any Party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality Management

Copy furnished to:

P. Scaccia, P.E.  
J. Preece

Final Determination

Armstrong World Industries, Inc.  
Escambia County  
Pensacola, Florida

Permit Number:  
AC 17-132374

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

July 8, 1987

## Final Determination

The construction permit application has been reviewed by the Department. Public Notice of the Department's Intent to Issue was published in Pensacola News Journal on June 6, 1987. The Technical Evaluation and Preliminary Determination were available for public inspection at the Department's NW District office and the Bureau of Air Quality Management office.

No comments were received as a result of the public notice period.

The final action of the Department will be to issue the construction permit as drafted.

PENSACOLA  
**News Journal**

PUBLISHED DAILY  
PENSACOLA, ESCAMBIA COUNTY, FLORIDA

State of Florida,  
County of Escambia.

Before the undersigned authority personally appeared

J. Diane Deal

who on oath says that she is Legal Advertising Supervisor of the Pensacola News Journal, a daily newspaper published at Pensacola in Escambia County, Florida; with general circulation in Escambia, Santa Rosa, Okaloosa and Walton Counties that the attached copy of advertisement, being a NOTICE in the matter of

Intent

\_\_\_\_\_ in the \_\_\_\_\_ Court,

was published in said newspaper in the issues of \_\_\_\_\_

June 6, 1987

Affiant further say that the said The Pensacola News Journal is a newspaper published at Pensacola, in said Escambia County, Florida, and that the said newspaper has heretofore been continuously published in said Escambia County, Florida, each day and has been entered as second class mail matter at the post office in Pensacola, in said Escambia County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

J. Diane Deal

Sworn to and subscribed before me this 9th

day of June, A.D., 1987

Darryl J. Benton  
NOTARY PUBLIC.

My Commission Expires Oct. 16, 1987

Department of  
Environmental  
Regulation  
Notice of Intent

The Department give notice of its intent to issue a permit to Armstrong World Industries, Inc., to install a new wet scrubber on the existing Nos. 1 and 2 Tenoners and Kiln Feeder at their existing facility in Pensacola, Escambia County, Florida. A determination of best available control technology (BACT) was not required.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dept. of  
Environmental Regulation  
Bureau of Air  
Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida  
32399-2400

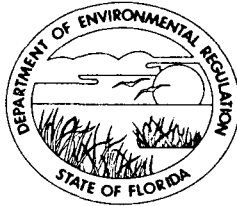
Dept. of  
Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida  
32501-5794

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

LEGAL NO. 32983 1T  
JUNE 6, 1987

STATE OF FLORIDA  
**DEPARTMENT OF ENVIRONMENTAL REGULATION**

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ  
GOVERNOR  
DALE TWACHTMANN  
SECRETARY

**PERMITTEE:**  
Armstrong World Industries, Inc.  
P. O. Box 1991  
Pensacola, Florida 32589

Permit Number: AC 17-132374  
Expiration Date: June 30, 1988  
County: Escambia  
Latitude/Longitude: 30° 24' 19" N  
87° 15' 00" W  
Project: New Wet Scrubber: Nos. 1  
and 2 Tenoners and Kiln  
Feeder

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Replacing the No. 5 Wet Scrubber with a new unit having greater cleaning efficiency that services the existing Nos. 1 and 2 Tenoners and Kiln Feeder.

The Standard Industrial Codes are: Major Group 32 - Stone, Clay, Glass and Concrete Products; Group No. 329 - Abrasive, Asbestos and Miscellaneous Nonmetallic Mineral Product; and, Industrial No. 3269 - Mineral Wool.

Construction shall be in accordance with the attached permit application unless otherwise stated in the General and Specific Conditions herein.

Attachment:

1. Application to Construct an Air Pollution Source, DER Form 17-1.202(1).

PERMITTEE:  
Armstrong World Industries, Inc.

Permit Number: AC 17-132374  
Expiration Date: June 30, 1988

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforceable action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:  
Armstrong World Industries, Inc.

Permit Number: AC 17-132374  
Expiration Date: June 30, 1988

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and system of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by the Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Armstrong World Industries, Inc.

Permit Number: AC 17-132374  
Expiration Date: June 30, 1988

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.
13. This permit also constitutes:
  - ( ) Determination of Best Available Control Technology (BACT)
  - ( ) Determination of Prevention of Significant Deterioration (PSD)
  - ( ) Compliance with New Source Performance Standards.
14. The Permittee shall comply with the following monitoring and record keeping requirements:
  - a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.



**PERMITTEE:**  
Armstrong World Industries, Inc.

**Permit Number:** AC 17-132374  
**Expiration Date:** June 30, 1988

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The DER's Northwest District shall be notified in writing 15 days in advance of any compliance test to be conducted on this source.
2. Compliance tests shall be performed at 90-100% of the maximum proposed process rate of 3,938 pounds per hour.
3. Compliance tests, in accordance with FAC Rule 17-2.700, shall be submitted to the DER's Northwest District within 45 days after completion of the test.

PERMITTEE:  
Armstrong World Industries, Inc.

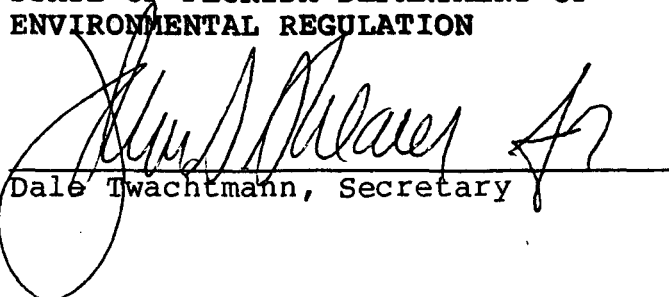
Permit Number: AC 17-132374  
Expiration Date: June 30, 1988

**SPECIFIC CONDITIONS:**

4. Objectionable odors shall not be allowed off plant property in accordance with FAC Rule 17-2.620(2).
5. All applicable rules of the Department, including design limitations specified in the application, shall be adhered to. The permittee may also need to comply with county, municipal, federal, or other state regulations prior to construction (FAC Rule 17-4.07(1)).
6. All reasonable precautions shall be taken to prevent and control the generation of unconfined emissions of particulate matter in accordance with the provisions in FAC Rule 17-2.610(3).
7. The particulate matter emissions rate shall not exceed 8.5 lbs/hr as demonstrated using EPA Method 5 (40 CFR 60, Appendix A), or other method approved by the Department.
8. This source shall be allowed to operate up to 8,064 hrs/yr.
9. The permittee shall submit a complete application for a permit to operate, along with a Certificate of Completion and a compliance test report, to the DER's Northwest District at least 90 days prior to the expiration date of this construction permit. The permittee may continue to operate the source if it is in compliance with the conditions in this permit until the expiration date of this construction permit or receipt of an operating permit.

Issued this 9 day of July, 1987

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

  
Dale Twachtmann, Secretary