

ORC EPA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHCENTRAL REGION - FIELD OPERATIONS
AIR QUALITY PROGRAM

OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No: <u>36-2002</u>	Source & Air Cleaning Device: <u>Lancaster Floor Plant</u>
Owner: <u>Armstrong World Industries, Inc.</u>	(See Attached)
Address: <u>P.O. Box 3001</u>	
<u>Lancaster, PA 17604</u>	
Attention: <u>Mr. Fred W. Joost, Jr.</u>	Location: _____
<u>Plant Manager</u>	<u>City of Lancaster</u> <u>Lancaster County</u>

This permit is subject to the following conditions:

1. That the source and any associated air cleaning devices are to be:
 - a. operated in such a manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the Reasonably Available Control Technology (RACT) plan;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.
3. This operating permit is valid for a limited time only and may be renewed before its expiration. Requests for an operating permit renewal must be in writing and must be accompanied by a fee in the amount of \$600 payable to the "Commonwealth of Pennsylvania - Clean Air Fund." The request should be made on the attached Interim Application for Renewal of a Permit to Operate form and must be received by the Department along with a completed Compliance History form (attached) no later than _____.
4. See attached.

Failure to comply with the conditions placed on this permit is a violation of Section 127.444. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued: OCT 31 1986

Luigi J. Cassano
Program Manager

Southcentral Region 36-2002
Lancaster District
EPA, Region III
Permits

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Clean Air Co. & Mobile Sources
Section (SAT21)

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EPA, REGION III

PERMIT NO. 36-2002

ARMSTRONG WORLD INDUSTRIES, INC.

Sources, Continued

	<u>Permit No./Status</u>
Rotogravure Operations	
- Two Rotogravure Printing Lines	36-320-011
- Five Sheet Vinyl Production Lines	36-318-059, 36-318-051A, 36-318-111C, 36-318-150, and 36-318-009B
- Solvent Recovery System	36-313-062
- Two Hot Boxes	None Previously Required
- Automated Coating Mixing and Storage	36-309-093
- Manual Coating Mixing and Storage	None Previously Required
Stencil Operations	
- Three Paper/Felt Coating Lines	36-318-123, 36-318-134, and 36-318-001A
- Coating Formulation/Mixing/Storage Operations	None Previously Required
- Chemical Milling Operation	None Previously Required
- Two Stencil Mix Lines	36-309-008B and 36-309-050
Tile Operations	
- One UV Light-Cured Tile Coating Line	36-318-135A
- Three Tile Adhesive Coating Lines	36-318-135A, 36-318-116, and 36-318-002A
- Five Tile Production Lines	36-309-077A, 36-309-029E, 36-309-082C, 36-309-030E, F, and G
Corlon Operations	
- Three Corlon Chip Production/Mixing Lines	36-313-014
- Three Corlon Coating/Production Lines	36-318-013A, 36-313-014, and 36-318-015
- Coating Mixing/Storage Operations	None Previously Required
Plantwide Services	
- "B" Boiler (150 mmBtu/hr)	Grandfathered
- "C" Boiler (200 mmBtu/hr)	36-302-056
- "D" Boiler (190 mmBtu/hr)	Grandfathered
- Caustic Cleaning Operation	None Previously Required
- Safety-Kleen Parts Washers	None Previously Required
- Fuel Storage	None Previously Required

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ARMSTRONG WORLD INDUSTRIES, INC.Conditions, Continued

4. This permit constitutes a RACT determination for volatile organic compound (VOC) and oxides of nitrogen (NO_x) emissions as per 25 Pa. Code, Sections 129.91 and 129.92 for the Armstrong World Industries, Inc. flooring plant.
5. All air pollution sources and air pollution control devices shall be operated and maintained in accordance with good pollution control practices that minimize the emissions of NO_x and VOC.
6. All combustion sources shall comply with the applicable presumptive requirements of 25 Pa. Code, §129.93.
7. All surface coating operations shall comply with the applicable requirements of 25 Pa. Code, §129.52.
8. All rotogravure and flexographic printing operations shall comply with the applicable requirements of 25 Pa. Code, §129.67.
9. All storage tanks shall comply with the applicable requirements of 25 Pa. Code, §§129.56 or 129.57.
10. An annual report as per Section 129.95 containing, but not limited to, the following data for combustion sources shall be submitted to the Lancaster District Supervisor:

Boilers

- a. identification of each unit
- b. hours of operation per month for each unit
- c. fuel combusted per month for each unit
- d. NO_x emissions per month for each unit

All other combustion sources

- a. identification of each source
 - b. combined annual fuel consumption
11. An annual report containing, but not limited to, the following data for each VOC-containing surface coating (as applied) shall be submitted to the Lancaster District Supervisor:
- a. identification of each coating and solvent
 - b. coating process from Section 129.52, Table I
 - c. lbs of VOC per gallon of coating (minus water)
 - d. solvent density
 - e. % solids by volume (total)

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ARMSTRONG WORLD INDUSTRIES, INC.

- f. % solvents by volume (minus EPA-exempted solvents)
 - g. % water by volume
 - h. gallons per month of coating used (including water)
 - i. gallons per month of coating used (minus water)
12. An annual report containing the following data for all VOC-containing solvents and degreasers used at the facility shall be submitted to the Lancaster District Supervisor:
- a. identification of each solvent
 - b. gallons per month of each solvent used
 - c. lbs per month of VOC emissions from solvent use
13. An annual report containing the following data for all surface coating wastes shall be submitted to the Lancaster District Supervisor:
- a. gallons per month of waste solvents, waste degreasers, waste coatings, or mixtures shipped from the facility
 - b. waste profile or sampling data for each shipment
 - c. identification of the waste disposal company for each shipment
- The reports required under Conditions 10 through 13 for each January 1st through December 31st period are due by March 1st of the following year for each year authorized by the permit or its renewal.
14. Material Safety Data Sheets and/or manufacturer's data for each surface coating, solvent, and degreaser used at the facility shall be maintained at the facility for the most recent two-year period; this information shall be available to Department representatives upon request.