

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
SOUTHCENTRAL REGION - FIELD OPERATIONS  
AIR QUALITY CONTROL 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 Resources, the Department hereby issues this permit for the operation of the air contamination source described below.

|   |   |
|---|---|
| Permit No: <u>44-2003</u>   | Source & Air<br>Cleaning Device: <u>Audio Speaker Cabinet</u>                   |
| Owner: <u>Sanyo Audio Manufacturing (USA)</u>                     | <u>Manufacturing Facility</u>   |
| Address: <u>Fisher Park, Route 322</u><br><u>Milroy, PA 17063</u> | <u>(See Attached)</u>   |
| Attention: <u>Mr. Joseph S. Barton</u><br><u>General Manager</u>  | Location: <u>Fisher Park</u><br><u>Armagh Township</u><br><u>Mifflin 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 DEC - 1 1999.~~
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 Resources will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued: JUN 30 1995  
Expires: MAY 01 2000

  
Program Manager

1871

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SANYO AUDIO MANUFACTURING (USA)Source, Continued

The audio speaker cabinet manufacturing operation includes the following:

| <u>Source</u>  | <u>Manufacturer</u>      |
|--|--------------------------|
| Paint Spray Booth Controlled by Dry Filters<br>(44-318-001A)                 | Binks                    |
| Speaker Cabinet Paint Spray Booth Controlled<br>by Dry Filters (44-318-009A) | Binks                    |
| Particle Board Edge Spray Booth Controlled by<br>Dry Filters (44-318-013A)   | Binks                    |
| Two Stage Roll Coaters and a Drying Oven<br>(44-318-014A)                    | Dubois Machine Co., Inc. |

Others including Auto Reciprocating Booth (44-318-009A), MJ Line Booth (44-318-001A), Automac Line Booth (44-318-013A), Roll Coater - Two Exhausts (44-318-014A), Hand Spray Booth, Laminator - Three Exhausts, Clean-up Solvents, and Miscellaneous stains.

Conditions, Continued

- ~~4. This operating permit consolidates equipment constructed, installed, and/or modified under Plan Approval Nos. 44-318-001A, 44-318-009A, 44-318-013A, and 44-318-014A.~~
5. The sources and any associated air cleaning devices are to be in compliance with the specifications and conditions of the applicable plan approvals issued.
6. The company shall use high solids solvent-based coating materials that are formulated at 2.0 pounds of volatile organic compounds (VOCs) per pound of solids or less and waterborne coatings formulated at a VOC content of less than 0.8 pounds of VOCs per pound of coating solids.
- ~~7. The company shall comply with all applicable requirements of 25 Pa. Code, §129.52 concerning surface coating processes.~~
- ~~8. The VOC content of the coatings, as applied, shall be equal to or less than those addressed in 25 Pa. Code, §129.52(b)(1) as it refers to Table 1, Part II, wood cabinet and furniture finishing.~~
- ~~9. The company shall collect and record information necessary for determining compliance with the requirements of Conditions 6 and 8.~~

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SANYO AUDIO MANUFACTURING (USA)Conditions, Continued

~~10. Records shall include purchase orders and/or invoices of solutions containing VOCs used in the facility and documentation of the VOC content in the solutions obtained through EPA approved methods.~~

11. The following information shall be collected and recorded for each of the above sources at least on a monthly basis and submitted to the Department on or before March 1 of each year:

a. For each surface coating employed at the facility:

- (1) coating identification
- (2) coating use (e.g., extreme performance coating)
- (3) lbs of VOC per gallon of coating (minus water)
- (4) coating density
- (5) solvent density
- (6) % solvents (volume) - (minus EPA exempted solvents)
- (7) % solids (volume)
- (8) % water (volume)
- (9) gallons per quarter of coating used (includes water)
- (10) gallons per quarter of coating used (minus water)
- (11) lbs of VOC emissions per reporting period from the surface coating operations

b. For each cleanup solvent used at the facility:

- (1) cleanup solvent identification
- (2) use (e.g., cleanup solvent)
- (3) lbs of VOC per gallon of cleanup solvent
- (4) gallons per quarter of cleanup solvent
- (5) lbs of VOC emissions per reporting period from the cleanup solvent operations

12. The company shall implement a training program for personnel involved in the handling and application of finishing materials and in the cleaning of finishing related equipment. These personnel will be given refresher training annually. The training program will start no later than June 30, 1995. The company will maintain a copy of the training program with the work practice implementation plan. The training program will include the following:

- a. A list of the personnel by name and job description that are required to be trained;
- b. An outline of the subjects to be covered in the initial and refresher training for each person, or group of personnel;

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- c. Lesson plans for courses to be given at the initial and the annual refresher training that include appropriate application techniques to minimize finishing material usage and overspray, and appropriate management of cleanup wastes; and
  - d. A description of the methods to be used at the completion of initial or refresher training to demonstrate and document successful completion.
13. The company shall prepare and maintain a written leak inspection and maintenance plan that provides for:
- a. At a minimum, a monthly visual inspection for all equipment used to transfer or apply finishing materials or organic solvents;
  - b. Maintenance of a log documenting the date and results of each inspection and any repairs that were made;
  - c. A first attempt at repair (e.g., tightening of packing glands) to be made no later than five (5) working days after the leak is detected; and
  - d. Final repairs to be made within fifteen (15) working days, unless the leaking equipment is to be replaced by a new purchase, in which case repairs will be completed within three (3) months.
14. The company shall use closed containers for storing, finishing, and cleaning materials. Solvent laden cleaning cloths shall be kept in closed containers when not in use.
15. The company shall pump or drain all organic solvent used for line and spray gun cleaning into a normally closed container.