

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
FIELD OPERATIONS - BUREAU OF AIR QUALITY

APR 2 1997

PLAN APPROVAL

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|-----------------|---|-----------|---|
| Application No. | <u>PA-09-0035</u> | Source(s) | <u>Two PTFE Extrusion Lines and Ovens</u> |
| Owner | <u>Garlock, Inc. (Plastomer Products)</u> | Air | <u>Condensation - Collection</u> |
| Address | <u>23 Friends Lane</u> | Cleaning | <u>System</u> |
| | <u>Newtown, PA 18940</u> | Device | <u></u> |
| Attention | <u>Dave Garrison</u> | Location | <u>23 Friends Lane</u> |
| | <u>Environmental Manager</u> | | <u>Newtown Township</u> |
| | | | <u>Bucks County</u> |

In accordance with provisions of the Air Pollution Control Act, the act of January 8, 1960, P.L. 2119, as amended, and Section 127.13 of Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department on March 12, 1997 approved plans for the installation of the above indicated air contamination source(s).

This PLAN APPROVAL expires 11 30 1997

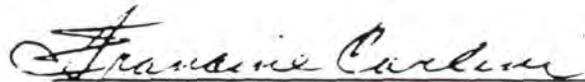
The plan approved is subject to the following conditions:

1. The condensation-collection system to be installed and constructed in accordance with the plans submitted with the application (as approved herein).

(SEE ADDITIONAL CONDITIONS ATTACHED)

Notify the person noted below when the installation is completed so that the source(s) can be inspected for issuance of an OPERATING PERMIT.

NOTE: Field Operations - Bureau of Air Quality
Lee Park, Suite 6010
555 North Lane
Conshohocken, PA 19428
610-832-6242



Francine Carlini
Regional Manager
Air Quality

cc: Division of Permits, RCSOB
Assistant Director
SEFO
Re: GJO1267-3

PLAN APPROVAL CONDITIONS
PERMIT NO. PA-09-0035
GARLOCK, INC. (PLASTOMER PRODUCTS)

CONDITIONS (continued):

2. This Plan Approval is issued to Garlock, Inc. for the construction and installation of a condensation - collection system to control the emission of volatile organic compounds (VOC) from the two PTFE film dryers (ovens). The control device is to be located at the Plastomer Products facility at 23 Friends Lane, Newtown Township, Bucks County.
3. The construction and installation shall involve the following components of a refrigeration system.
 - Compressor
 - Condensor (water cooled) and chiller heat exchangers
 - Control panel and instrumentation
 - Refrigerant receiver
 - Tower water cooling/condensing coil
 - Chilled water condensing coil
 - Pipes and flanges
 - Vibration isolators (if required)
 - Filters (if required)
4. The control system shall use non-CFC refrigerant.
5. The refrigeration system shall be designed adequately to handle the maximum potential emission from the two PTFE film dryers (ovens).
6. Each dryer shall have two cooling/condensing coils: tower water and chilled water. Both coils shall be designed to perform at 100% load independently, in case one of the coils is down for maintenance.
7. Irrespective of the season, the outlet vapor temperature shall not exceed 50 °F. This temperature shall be continuously monitored while the PTFE lines are in operation.
8. There is no restriction on operating hours of the condensation - collection system.
9. The PTFE production lines including the dryers shall not be operated in case of failure of the condensation - collection system. The condensation - collection system, under no circumstances, shall be bypassed as a control device.

PLAN APPROVAL CONDITIONS
PERMIT NO. PA-09-0035
GARLOCK, INC. (PLASTOMER PRODUCTS)

CONDITIONS (continued):

10. The emission of VOC shall be limited to 0.774 lb/hr/line. The facility wide emission shall be limited to 6.78 tons/yr.
11. The volume flow of air in the stack of each line shall be at the minimum 300 scfm.
12. The condensation - collection system shall have a minimum control efficiency of 95%.
13. Records of production and hours of operation shall be kept in a manner to show compliance with Condition No. 10 and shall be made available to the Department upon request.
14. Stack Test Requirements
 - A. Within one hundred and eighty days (180) after completing construction/installation, the owner/operator shall conduct stack tests to determine the emissions of VOC referred in Condition 10. Tests shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139.
 - B. At least thirty (30) days prior to the test, the Regional Air Quality Manager shall be informed of the date and time of the test.
 - C. At least sixty (60) days prior to the test, the owner/operator shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.
 - D. Within thirty (30) days after the source test(s), two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.
15. General Requirements
 - A. The control device is to be operated and maintained in a manner consistent with good operating and maintenance practice.

PLAN APPROVAL CONDITIONS
PERMIT NO. PA-09-0635
GARLOCK, INC. (PLASTOMER PRODUCTS)

CONDITIONS (continued):

- B. This Plan Approval authorizes temporary operation of the control device covered by this Plan Approval. Operation is authorized only to facilitate the start-up and shakedown of air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source(s) for compliance with all applicable regulations and requirements. The owner/operator must submit in writing requesting for an operating permit before the expiration of this Plan Approval. This condition authorizes temporary operation of the source(s) for a period of one hundred eighty (180) days from the date of commencement of operation, provided that the Department receives notice from the owner/operator.
- C. The owner/operator may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least 15 days prior to the end of this period of temporary operation and shall provide a description of the compliance status of the source(s), a detailed schedule for establishing compliance, and the reasons compliance has not been established.
- D. The notice submitted by the owner/operator pursuant to Condition 15.C. above, prior to the expiration of this Plan Approval, shall modify the Plan Approval expiration date. The new Plan Approval expiration date shall be 180 days from the date of the previous expiration date.
- E. The owner/operator shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned control device(s) and shall allow the Department to have access at any time to said control device(s) with such measuring and recording equipment, including equipment for recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.
- F. Issuance of an operating permit for the aforementioned control device(s) is contingent upon the control device(s) being constructed, and the source(s) and associated air cleaning device(s) being maintained and operated, as described in the application and supplemental materials submitted for plan approval and upon satisfactory demonstration that any air contaminants emitted from the source(s) are in compliance with the requirements specified in Section 123.1 of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection as well as in compliance with the requirements specified in, or established pursuant to, any other applicable rule or regulation contained in Article III.