

STATE OF RHODE ISLAND
AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DIVISION OF AIR AND HAZARDOUS MATERIALS

VS.

FILE NO. 86-12-AP

TECH INDUSTRIES INC.
85 FAIRMOUNT STREET
WOONSOCKET, RHODE ISLAND

CONSENT AGREEMENT

This Consent Agreement is entered by and between the Department of Environmental Management's Division of Air and Hazardous Materials (hereinafter the Division) and Tech Industries Inc., 85 Fairmount Street, Woonsocket, Rhode Island (hereinafter Tech) pursuant to the Rhode Island Clean Air Act, Chapter 23-23 of the General Laws of the State of Rhode Island and Providence Plantations, as amended, and the Air Pollution Control Regulations adopted in accordance therewith.

Tech was found to be in violation of Air Pollution Control Regulations 14 and 15. A Notice of Violation and Order and Penalty was issued to Tech on 28 January 1986. To resolve the Notice of Violation and Order and Penalty, the Division and Tech agree as follows:

1. That the Division has jurisdiction of the subject matter of this agreement and of the parties consenting to this decree.
2. That Tech is subject to the provisions of Title 13, Chapter 23 of the Rhode Island General Laws, as amended, and the Air Pollution Control Regulations adopted in accordance therewith.
3. That this Consent Agreement applies to Tech Industries Inc., 85 Fairmount Street, Woonsocket, Rhode Island.

4. That the provisions of this agreement shall apply to and be binding upon Tech, its officers, directors, agents, servants, employees, operators, successors, and assignees and all persons, firms and corporations acting under, through, and for it.
5. That Tech will comply with the provisions of Air Pollution Control Regulation 15, Section 5, by the final compliance date of 24 July 1987. Tech will comply with an emissions rate of 3.5 lbs/gal of coating (minus water) as applied ~~on a facility wide daily basis~~.
6. That Tech will implement a conversion of all coating operations to a low VOC/high solids reformulation program. This program will be carried out in the following manner:
 - A. By 1 June 1986, Tech will provide a written synopsis of potential compliance coatings which will be tested at the facility.
 - B. By 1 July 1986, water reducible coatings will commence to be tested by Tech. Both basecoat and topcoat coatings will be tested.
 - C. By 1 August 1986, high solids coatings will be available to be tested. Equipment modifications necessary to allow the production use of these high solids coatings will be completed.
 - D. By 1 September 1986, Tech will have completed the final evaluations of all coatings tested. Scale up to production level use will commence.
 - E. By 10 September 1986, Material Safety Data Sheets for the compliant coatings will be submitted by Tech to the Division.
 - F. By 1 October 1986, Tech will meet with the Division on the proposed coating changes. A compliance determination will be made by the Division, based upon the information submitted in (E) above, and proposed use of these coatings.

- G. By 1 November 1986, Tech will begin limited production use of the low VOC/high solids coatings.
 - H. By 24 January 1987, Tech will be in compliance with an interim emissions limit of 4.75 lbs/gal of coating (minus water) as applied ~~on a daily basis.~~
 - I. By 24 July 1987, Tech will be in compliance with the 3.5 lb/gal of coating (minus water) as applied, ~~on a daily basis.~~
7. If efforts to reformulate to low VOC/high solids coatings are not successful, and if the emissions limit of Item 6 (H) above cannot be met, Tech shall then install air pollution control equipment that will meet such emissions limit.
- A. Air Pollution control equipment including sizing, engineering and the issuance of a purchase order shall be completed by 30 June 1987.
 - B. Equipment shall be assembled, checked out and installed by 31 December 1987.
- That should air pollution control equipment be necessary under the terms of this paragraph, the final compliance date will be moved from 24 July 1987 to 31 March 1988, to permit the installation, start-up and operation of the device. The final compliance date for reformulation will be 24 July 1987.
8. If efforts to reformulate to low VOC/high solids coatings are not successful in that the emissions limit of Item 6 (I) above cannot be met, Tech shall then install air pollution control equipment that will meet such emissions limit.

A. Air pollution control equipment including sizing, engineering, and the issuance of a purchase order shall be completed by 31 December 1987.

B. Equipment shall be assembled, checked out and installed by 30 June 1988.

That should air pollution control equipment be necessary under the terms of this paragraph, the final compliance date will be moved from 24 July 1987 to 30 September 1988, to permit the installation, start up and operation of the device. The final compliance date for reformulation will remain 24 July 1987.

9. That formal progress reports will be submitted monthly until 31 January 1987 and quarterly thereafter. The reports will include a summary of progress for the past period and a forecast of activity for the next period, and also including:
- A. A description in detail of the number and type of coatings tried, the amount used, the type of test, i.e. trial, scale up, full production, the VOC content of the coating and an evaluation of its performance.
 - B. The number and name of coating suppliers contacted.
 - C. For air pollution control equipment investigated, a list of the manufacturers of air pollution control equipment, the type of equipment, costs and the level of emissions control.
10. That if an existing formulation used for a specific product category is replaced, it must be replaced with a formulation that will emit equal or less VOC for the equivalent amount of substrate coated.

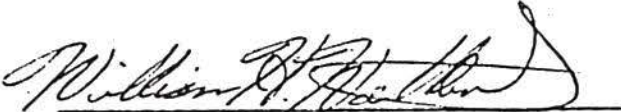
11. That Tech will submit checks payable to the State of Rhode Island, General Treasurer, and which are drawn on a United States bank and payable in U.S. dollars as follows: (1) \$23,000 by 30 June 1986; (2) \$25,000 by 30 September 1986; and (3) \$25,000 by 31 December 1986.
12. This Consent Agreement is in lieu of an administrative hearing and shall have the full force and effect of a final administrative adjudication and shall be fully enforceable in Superior Court.

It is hereby agreed and understood by the parties that the implementation of said procedures does not relieve Tech from compliance with Air Pollution Control Regulations 14 and 15 as determined by the Division and compliance with any other applicable air pollution control regulations.

For the Director:

 12 June '86
Thomas D. Getz, Chief
Division of Air and Hazardous Materials

Tech Industries Inc. hereby agrees to the above agreement, which becomes effective immediately upon being entered and issued.


For Tech Industries Inc.
William H. Watkins, Vice President/Chief Executive C