ILLINOIS POLLUTION CONTROL BOARD June 13, 1974

HOMAK MANUFACTURING COMPANY, INC.,) Petitioner,) v.) ENVIRONMENTAL PROTECTION AGENCY,) Respondent.)

OPINION AND ORDER OF THE BOARD (by Dr. Odell)

On April 4, 1974, Petitioner filed its request for a variance from Rule 205(f) of Chapter Two, Illinois Air Pollution Regulations. The Homak Manufacturing Company, Inc., located at 4433 South Springfield Avenue in Chicago, manufactures metal tool boxes and metal cabinets. Sheet metal is sheared to appropriate sizes, punched or notched as required, formed, and spot-welded into various units. Then the units are painted in three spray booths and cured in one of two gas-fired ovens. After curing, hardware is attached to the units and they are packaged.

Petitioner requests this variance from Rule 205(f) until April 1, 1975, for its dry paint booth (two spray booths equipped with waterwall curtains are not included) and two curing ovens. Petitioner estimates that these sources emit 9.7, 21.0, and 9.9 lbs/hr, respectively, of photochemically reactive hydrocarbons, which are in excess of the 8 lbs/hr limitation of Rule 205(f). In order to achieve compliance with this Rule, Petitioner plans to reformulate its paints, so that they will contain non-photochemically reactive solvents only. Petitioner alleges that its paint suppliers "cannot forsee an availability of the required exempt solvents until the end of 1974 and even then they cannot assure any deliveries."

The Environmental Protection Agency (Agency) filed its Recommendation on May 16, 1974. During the Agency inspector's visit on March 19, 1974, Petitioner's representatives acknowledged that the average emission of photochemically reactive organic material was 40 lbs. per hour from each of two paint lines. "Paint formulae incorporating non-photochemically reactive solvents have been formulated to meet Petitioner's requirements. However, the solvents necessary to make up the new formulae are not available because of the shortage of petroleum derivative products. Petitioner's facility is located in an area which contains both residences and industries. There are no citizen complaints about the facility." The Agency recommended that this Variance be granted subject to certain conditions with which the Board agrees. We grant the Variance. Petitioner's problem in obtaining exempt solvents is prevalent in the industry. The hardship is not self-imposed. The Federal Energy office has established mandatory allocation of petrochemical feedstocks to petrochemical producers-including solvent manufacturers--in a quantity equal to 100 percent of the producer's current requirements (Fed. Reg. Vol. 39, No. 10, Part III, Subpart 211J, January 15, 1974). Petitioner should utilize such exempt solvents as they become available.

ORDER

Petitioner is hereby granted a Variance from Rule 205(f) for its dry paint booth and two curing ovens until April 1, 1975, subject to the following conditions:

- 1. Petitioner shall utilize as much exempt solvent formulations as can be furnished by its suppliers.
- Beginning 30 days after the date of this Order, Petitioner shall submit monthly reports to:

Environmental Protection Agency Division of Air Pollution Control Control Program Coordinator 2200 Churchill Road Springfield, Illinois 62706

The monthly reports shall include information on:

Total amount of solvents used,

Nature and amount of non-exempt solvents used,

Nature and amount of exempt solvents used,

Amount and nature of non-exempt solvents purchased (list supplier),

Amount and nature of exempt solvents purchased (list supplier), and

Amount and nature of non-exempt and exempt solvents inventory at the beginning of each month.

3. Within six (6) months of the date of this Order, Petitionar shall submit to the Environmental Protection Agency a modified compliance plan to replace that which has been

nullified by shortages. This plan shall achieve compliance under one of the following methods:

- a. Achieve compliance at the expiration of the Variance by replacement of photochemically reactive solvents with non-reactive solvents demonstrated to be readily available; or
- b. Achieve compliance at the expiration of the Variance by qualification under the Alternative Standard of Rule 205(f)(1); or
- c. Achieve compliance by May 30, 1975, under the provisions of Rule 205(f)(2)(D).

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify that the above Order was adopted on the 13^{14} day of 1974, by a vote of 4^{16} to 0^{16} .

Christan L. Moffet