

ILLINOIS POLLUTION CONTROL BOARD

May 29, 1974

ARVEY CORPORATION, LAMCOTE DIVISION,)	
)	
Petitioner,)	
)	
vs.)	PCB 74-110
)	
ENVIRONMENTAL PROTECTION AGENCY,)	
)	
Respondent.)	

OPINION AND ORDER OF THE BOARD (by Mr. Seaman):

This is a Petition for a Variance brought by the Arvey Corporation, Lamcote Division, hereinafter (Petitioner) and filed with the Environmental Protection Agency, hereinafter (Agency) on March 26, 1974.

Petitioner operates a facility in Chicago which is engaged in, among other things, plastic laminating of paper, copper and aluminum foil, plastic impregnation of wire mesh with photochemically reactive organic solvent containing adhesives and materials which are batch mixed at the facility and the combining of plastic films for the numerical control tapes industry. Petitioner's operation includes eight coater/laminating machines.

Petitioner is seeking a one year variance from Rule 205(f) of the Air Pollution Control Regulations in order to continue emitting photochemically reactive hydrocarbons in excess of the prescribed standard.

Petitioner states in its operating permit application that the combined maximum emission rate of photochemically reactive hydrocarbons from the eight coater/laminating machines is 650.5 lbs/hr. Rule 205(f) limits the emission of photochemically reactive hydrocarbons to 8 lbs/hr per source.

Petitioner submitted a compliance plan to the Agency in the Spring of 1973. Said plan stated that Rule 205(f) would be complied with by December 31, 1973 by switching to exempt solvents. Petitioner has attempted to make the switch, but now finds that it is not possible to obtain a sufficient quantity of exempt solvents.

Petitioner now plans to achieve compliance as soon as it is possible to obtain exempt solvents. In the meantime, Petitioner

states that it will use Toluene only when it is unable to obtain methyl ethyl ketone or isopropal alcohol, and that it will not use Toluene for general purpose cleaning or for formulation in non-essential commercial products.

Petitioner's facility is located in an industrial area. The Agency has received no complaints from anyone living or working in the vicinity of the plant regarding the granting of a variance, or the excessive emissions.

The Agency is in agreement with Petitioner that denial of the variance would cause a hardship and is aware of the current nationwide shortage of non-photochemically reactive solvents and notes that Petitioner is not unique in its inability to obtain such solvents. The Agency also believes that due to the current shortage of natural gas, thermal incineration is not, at this time, a viable means by which Petitioner may achieve compliance with Rule 205(f).

The Agency recommends that Petitioner be granted a variance from Rule 205 (f) for a period of one year, subject to certain conditions.

This Opinion constitutes the findings of fact and conclusions of law of the Board.

IT IS THE ORDER of the Pollution Control Board that Petitioner be granted a variance from the provisions of Rule 205(f) of the Air Pollution Regulations for a period of one year from the date of this Order, subject to the following conditions:

a. Commencing 45 days after the date of this Order, Petitioner shall submit monthly progress reports to the Agency detailing:

1. total amount of solvents used during the month;
2. nature and amount of non-exempt solvents used;
3. nature and amount of exempt solvents used;
4. nature and amount of exempt solvents purchased (indicating the supplier);
5. nature and amount of non-exempt solvents purchased (indicating the supplier);
6. nature and amount of solvents in inventory at the beginning of each month.

Said reports shall be submitted to:

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

b. Petitioner shall utilize as much exempt solvent formulations as can be furnished by its suppliers.

c. Within one hundred and eighty days of the date of this Order, Petitioner shall submit a revised compliance plan to the Agency. This plan may:

1) Achieve compliance at the expiration of the Variance by replacement of photochemically reactive solvents with non-reactive solvents demonstrated to be readily available; or

2) Achieve compliance at the expiration of the Variance by qualification under the Alternative Standard of Rule 205(f)(1); or

3) Achieve compliance by May 30, 1975 under the provisions of Rule 205(f)(2)(D).

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, certify that the above Opinion and Order was adopted on this 29th day of May, 1974 by a vote of 5-0.

Christan L. Moffett