



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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MEMO NO.: 1581 -30-WBPCB-G(86)/2000

DATE: 01-09-2008

DIRECTION FOR SUSPENSION OF OPERATION

WHEREAS, **M/S. ADHESIVE AND CHEMICAL INDUSTRIES** (hereinafter referred as the industry) operates its glue manufacturing unit from starch using ingredients like dextrin, borax as also formaldehyde as additive.

WHEREAS, a public complaint was lodged before the **WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred as the Board) alleging emission of pungent irritating gas by the unit.

WHEREAS, the unit was issued direction by the Board through a letter dated 19th September, 2007 to upgrade its fume collection system with the objective of minimizing the impact of formaldehyde vapour in the adjoining areas.

WHEREAS, the industry was inspected by the Officials of the Board on 15-05-2008. During the inspection the following observations were made:

1. The design of hood and suction device of the stirred tanks and powder mixing machine and the linked duct, which are basic components of the emission control system have not been properly done.
2. Considerable amount of liquid waste is generated through floor washing and the same is discharged to KMC drain without any treatment.
3. Although the unit was not in operation when the Board Officials inspected the industry, still significant pungent smell of formaldehyde could be strongly felt.
4. The complainant's residence is only at a distance of 20 ft. The representative of the complainant submitted that they are facing problem from the emission of pungent gases, which is also causing health hazard.

WHEREAS, a technical hearing was conducted at the Head Office of the Board involving both the industry and the complainant.

WHEREAS, the representatives of the industry attending the hearing could not submit any satisfactory reply for the above noncompliance.

NOW, THEREFORE, considering the public complaint against the unit and the fact that the unit could not solve the problem related to the emanation of formaldehyde vapour, which is an irritating gas, **M/S. ADHESIVE AND CHEMICAL INDUSTRIES** is hereby directed to keep its manufacturing operations suspended pending compliance of the following conditions:

1. The unit should explore the possibility of replacing formaldehyde with any other preservative chemicals suited for their manufacturing operation or commission adequate emission control system for arresting formaldehyde vapour.

If the unit fails to solve the environmental problem by the methods as mentioned above, the Board may issue order for shifting the unit in a relatively uncongested area.

This order is issued in exercise of the power conferred under Air (Prevention & Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986 and Rules made thereunder after being approved by the Competent Authority.

The closure order will take immediate effect and Officer-In-Charge, Behala Police Station under W.B. Police, is directed to execute the Closure Order against the aforementioned unit and submit the compliance report to the State Board within seven days from the receipt of this Memo.

This direction has been issued to the Officer-In-Charge, Behala Police Station in conformity with the order of the Hon'ble High Court, Calcutta dated 21-08-1998.

The Environmental Engineer Alipore Regional Office of the State Board is requested to take necessary steps for proper execution of the closure order and also visit the unit involving the local police station and Nodal Police Officer of the concerned district to oversee the proper execution of the closure order.

Order

Sd/-

(Dr. D. Chakraborty)

**Chief Scientist & Head-Technical Cell
West Bengal Pollution Control Board**