



West Bengal Pollution Control Board

(Department of Environment, Government of West Bengal)

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MEMO NO.: 386 -WBPCB-RO-I-R-106/2000

DATE: 05-03-2010

DIRECTION

WHEREAS, M/s. UNITED CERAMICS PROCESSING PVT. LTD. (hereinafter referred as the industry) operating its crystalline porcelain enamel frit and enamel slip manufacturing at 8, Canal Street, P. O. & P. S. – Entally, Kolkata – 700 014.

WHEREAS, the WEST BENGAL POLLUTION CONTROL BOARD (hereinafter referred as the Board) received a public complaint alleging emission of toxic gases and generation of noise from the activity of the industry.

WHEREAS, the industry was inspected by the Board officials on 06-10-2009. The report of inspection revealed the following:

1. The industry uses borax pentahydrate / decahydrate, quartz, feldspar, titanium dioxide, cobalt, sodium nitrate etc as raw material ruling out the possibility of any toxic emission from the unit operation.
2. The industry operates an oil-fired rotary furnace.
3. The report of inspection however confirms generation of noise and smoke. Emission of copious black smoke was observed during start-up of the operation of the oil-fired rotary furnace engulfing the entire adjoining area. Noise is generated due to operation of a high capacity blower use for providing air supply to the rotary furnace.
4. Due to defective design of the fume extraction system the scrubbing arrangement is not adequate enough for abatement of the entire secondary emission and the process gases.

WHEREAS, a technical hearing was conducted at the Head Office of the Board on 27-11-2009 involving the industry and the complainants.

WHEREAS, the Manager of the industry appearing in the hearing squarely agreed with the observations of the Board Officials and agreed for modification/improvement of the furnace, particularly, the blower and fume extraction system. He prayed for some time for the said activities.

NOW, THEREFORE, considering the observation of the inspecting officials, submission made by Manager of the industry and the complainants, M/s. UNITED CERAMICS PROCESSING PVT. LTD. is hereby directed as under :

1. The industry will have to take necessary steps either through replacement of the furnace with all its accessories or necessary modification of some of the components to minimize the noise level as also the emission of black smoke during the firing of the rotary furnace. If necessary, the industry will have to change the fuel from fuel oil to LDO.

2. The suction system along with the scrubber should be designed in such a manner so that any fumes generated from the operation can be taken care of.
3. The openings in the factory shed should be closed and the entire ventilation system to be properly designed so that smoke generated within the shop floor does not proliferate outside.
4. All the above activities will have to be completed within a time period of three (03) months from the date of issuance of this direction.
5. That pending completion of the above activities, the industry should operate between 08-00 A.M. to 06-00 P. M. only
6. Good housekeeping measures need to be adopted. The garbage generated should be cleaned and removed on a regular basis. Accumulation of garbage within factory premises is not allowed.
7. The industry should submit a Bank Guarantee (proforma enclosed) for Rs.2.00 Lakhs (Rupees Two Lakhs) only valid for twelve [12] months within fifteen [15] days from the date of issue of this direction in favour of the **WEST BENGAL POLLUTION CONTROL BOARD**, as an assurance to comply with the above directions within the stipulated time frame.

If the industry fails to comply with the directions of the Board within the stipulated time period, the Board will be compelled to take stricter regulatory action.

This direction is issued in exercise of the powers conferred under the provisions of the Air (Prevention & Control of Pollution) Act, 1981, and the Environment (Protection) Act, 1986 and Rules made thereunder.

By Order,
Sd/-
(Subrata Ghosh)
Chief Engineer
West Bengal Pollution Control Board