



West Bengal Pollution Control Board
(Department of Environment, Government of West Bengal)
Paribesh Bhawan, Bldg. 10A, Block LA
Sector III, Salt Lake, Kolkata 700 098
Tel: 2335-6730, 2335-9088/7428/8211/6731/0261/8861
Fax: (0091) (033) 2335-2813

Memo No. 714-2135/WPB(HRO)-K/2008

Date: 18/04/2011

DIRECTION

WHEREAS, M/s. Emami Biotech Ltd. (hereinafter referred to as the industry) operates its vegetable oil refining unit at HPL Link Road, P.O.- Debhog, P.S.- Bhabanipur (Haldia), Purba Medinipur, Pin – 721 657

AND WHEREAS, the industry had failed to comply with the stack emission standards for the coal-fired boiler (capacity 18 TPH) and coal-fired TFH (capacity 10 lac k.cal/hr.) consecutively on two sampling occasions (25/06/2010 and 20/12/2010) carried out by the **WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred to as the Board) as mentioned below:

Date of sampling	Stack connected to	Result obtained (mg/Nm ³)	Permissible limit (mg/Nm ³)
25/06/2010	Boiler	3590.40	150
	TFH	5987.81	
20/12/2010	Boiler	602.55	
	TFH	1540.14	

Accordingly, a show cause notice was issued to the unit for the violation observed on 25/06/2010.

AND WHEREAS, a fresh inspection was carried out on 20/12/2010 noticing considerable visible stack emission and fugitive dust emission from its premises. The observations recorded are as follows:

- the coal-fired boiler and TFH of the palm oil section were in operation with the individual APCDs (bag filters), but they were observed to be grossly inadequate as considerable emission was noticed from the stacks connected to both the boiler and TFH.
- Very high fugitive dust emission from the bottom of APCD was being generated and as a result the boiler shed and its vicinity were found to be extremely dusty.
- fugitive dust generation was observed from the coal crusher area especially from the coal crusher area especially from the bottom part of the crusher also.
- the industry has undertaken an expansion activity without applying for permission from the Board due to which the dust problem has aggravated.

AND WHEREAS, the industry was directed to upgrade its APCDs but such work is yet to be done. Industry was also directed to change the manual system of bottom dust collection for bag filters to an automatic pneumatic ash handling system and to install dust suppression system such as dry fogger at the crusher house area. But the industry has not gone ahead with such proposals.

AND WHEREAS, the industry was called for a hearing by the Board on 25/02/2011. The representatives of the industry appearing in the hearing submitted that they were taking necessary steps for compliance. The bag filter system for the boiler has been overhauled and the bags have been changed. The upgradation job for the bag house of the thermic fluid heater was under progress.

NOW THEREFORE, considering the report of inspection and the submission made by the industry, the Board hereby directs **M/s. Emami Biotech Ltd.** to operate with the following conditions:

1. **That** the industry shall operate with only the boiler being in service.
2. **That** the industry shall not operate the thermic fluid heater for the time being pending total completion of the modification / upgradation job of the attached bag filter system so as to comply with the standard.
3. **That** the industry shall not go ahead with any expansion activity without the permission of the Board.
4. **That** the industry shall submit a Bank Guarantee (proforma enclosed) for Rs. 5,00,000/- (Rupees Five Lakhs) only, valid for twelve [12] months within fifteen [15] days from the date of issuance of this Direction
5. **That** the industry shall deposit a Pollution Cost of Rs.2,00,000/- (Rupees two Lakhs) only within 15 (fifteen) days from the date hereof by Demand Draft to be drawn on Service Branch, Kolkata / Banker's cheque in favour of **WEST BENGAL POLLUTION CONTROL BOARD**.

The Environmental Engineer, Haldia Regional Office of the Board is requested to inspect the industry to assess the status of compliance on the part of the industry.

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

By Order,

Sd/-

(Subrata Ghosh)

Chief Engineer

Operation & Execution Cell

West Bengal Pollution Control Board