



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: 2335-9088, 2335-7428/8211/6731/0261/8861
Fax: (0091) (033) 2335-2813

Memo No. : 1505-390/WPB/SEE(KO)-Gen/2006

Date : 20/08/2010

NOTICE FOR CLOSURE

WHEREAS, M/s. GAGAN FERROTECH LTD. (hereinafter referred to as the industry) operates its sponge iron plant at **Jamuria Industrial Area, Vill. & P.O.- Ikrah, P.S.- Jamuria, Dist.- Burdwan, Pin – 713 362.**

WHEREAS, a mass complaint was received by the **WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred to as the Board) from the villagers of Ikrah and other adjacent areas alleging severe pollution from the sponge iron units in the area.

WHEREAS, the industry is inspected by the Board officials on a regular basis. The observations made during recent inspections are as follows:-

- Intermittent high emission from ESP stack of pre-heater kiln no. 3 & 4.
- High fugitive emission at product house section of kiln no. 1 & 2.
- High emission due to leakage of bi-metallic joint at kiln no. 3.
- High emission from the stack of storage silo of ESP bottom dust disposal facility.
- Plantation inside the industry observed to be inadequate
- Dust suppression arrangements (water sprinkler) inside the industry was found to be inadequate.

WHEREAS, a further inspection of the industry along with stack emission and fugitive emission monitoring was carried out on 30/03/2010. Fugitive emission values which are tabulated below indicates that the unit failed to comply with the norms:-

Location	Duration	TSPM in $\mu\text{g}/\text{m}^3$	RSPM in $\mu\text{g}/\text{m}^3$	SO _x in $\mu\text{g}/\text{m}^3$	NO _x in $\mu\text{g}/\text{m}^3$
Near cooler discharge	240 mins	5711.5	1836.6	16.4	78.2
Near Kiln	240 mins	8767.7	2919.6	28.8	89.1
Permissible limit		2000			

WHEREAS, the industry also failed to comply with the particulate emission standard of 100 mg/Nm³ for the stack connected to Cooler discharge-1 and I- bin (134.23mg/Nm³) and also for the stack connected to the rotary kilns 1 & 2 (143.79 mg/Nm³). The industry was found to be lacking in proper implementation of the six point directives issued by the Board.

WHEREAS, although a show cause notice to the industry was issued by the Board on 19/04/2010, the industry has not yet replied to the same.

WHEREAS, a technical hearing was conducted at the Head Office of the Board on 24/06/2010 involving both the industry and the complainants.

WHEREAS, the complainants present in the hearing mentioned that they were suffering tremendously from the black dust emitted from the industry. Also they mentioned that due to operation of the sponge iron industries the water level in the area is decreasing at an alarming rate which in turn is leading to wide spread water scarcity.

WHEREAS, the Director of the industry appearing in the hearing submitted that they have taken measures for smooth operation of the DRI kilns along with the emission control system on a regular basis. Plantation job is undertaken in and around the factory. But he could not provide any proper explanation for the non-compliance recorded during inspections as mentioned above.

NOW, THEREFORE, considering the non-compliance as stated above, the nature of the public complaint and the submission made by the Director of the industry, **M/s. Gagan Ferrotech Ltd.** is hereby granted a **time period of 45 (forty-five) days** from hereof for taking necessary upgradation/modification measures for total compliance of the six point directives issued by the Board so as to comply with the stipulated standard for fugitive emission. Within this period, the industry will also undertake revamping of the emission control system attached to cooler discharge-1 and I-bin and also for the rotary kilns 1 & 2 for compliance with the particulate emission standard for all unit operations in the plant.

Failure to comply with the directions above within the specified time frame of 45 (forty-five) days from hereof will attract immediate closure of the industry along with disconnection of electricity without any further reference.

The industry is further directed to submit an action plan in this regard within 7 (seven) days from hereof. This action plan will also include the work to be undertaken during the next one (01) year towards corporate social responsibility of the industry.

The Asst. Environmental Engineer & In-charge, Asansol Sub-regional Office of the Board will inspect the industry after one (01) month from hereof to assess the status of compliance on the part of the industry. On the basis of the status of environmental compliance of the industry, the final order will be issued by the Board after conducting a hearing at Durgapur involving the complainants and also in presence of the representatives of ADDA.

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

By Order,

Sd/-

(Subrata Ghosh)

Chief Engineer

**Operation & Execution Cell
West Bengal Pollution Control Board**