

**MINUTES OF THE 75th MEETING (SPECIAL MEETING) OF
THE GOA STATE POLLUTION CONTROL BOARD HELD ON
19/10/2006 AT 3.00 pm IN THE BOARD'S CONFERENCE HALL**

1. The 75th (Special Meeting) of the Goa State Pollution Control Board was held in the Conference Hall of the Goa State Pollution Control Board on 19/10/06 at 3.00 p.m.

The following members attended the meeting:

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| 1. | Dr. L.U. Joshi | - Chairman |
| 2. | Shri Keshav Kamat | - Representative of GSIA |
| 3. | Shri A.V Palyekar | - M.D , GIDC |
| 4. | Shri Nitin Kuncoliekar | - President, GCCI |
| 5. | Shri S.G.Redkar | - Chief Inspector of Factory
and Boilers |
| 6. | Shri Tulio De'Souza | - Chairman, IIA |
| 7. | Mrs Piedade Noronha | - Councillor, MMC |
| 8. | Shri Sagun Wadkar | - Panch, Pissurlem
Panchayat |

AGENDA ITEM NO. 1

**CONFIRMATION OF THE MINUTES OF THE 74th MEETING OF
THE BOARD**

Chairman stated that the minutes of the 74th meeting have to be confirmed as recorded in the Agenda notes and the minutes of the 74th Meeting which were forwarded to the members vide this office letter no. 4/74/06-PCB/2745 dated 06/10/06 were noted by the Members and duly approved and entered in the Minutes book.

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Handwritten signature "Keshav" with a horizontal line underneath.

AGENDA ITEM NO. 2

DISCUSSIONS REGARDING CLOSURE DIRECTIONS ISSUED TO THE UNITS ON COMPLIANCE OF THE CONSENT CONDITIONS

The Chairman informed the members that as approved in the 74th Special Board Meeting the Board had issued closure directions to sponge iron units for non compliance of the consent conditions issued by the Board i.e. for Establishing a Brick manufacturing unit to dispose the fly ash/flue dust and also installing separate meters for air pollution control equipment. The following units have submitted their replies:-

SHRADDHA ISPAT PRIVATE LIMITED.

The unit has installed a brick manufacturing unit (BMU) of capacity 60 lakhs bricks per annum on 13/10/06 and the same is operational. This BMU will consume 36 MT of dust per day. The dust generated is 18 MT per day. The brick manufacturing process, test reports of the bricks and photographs of the brick manufacturing unit are enclosed herewith. The unit was inspected by Board officials on 17/10/06.

The Hon'ble High Court vide its order dated 10/10/06 in writ petition nos 7/05 filed by Pandurang Naik & ors and 85/06 filed by The Goa Foundation, has stated that in the event the Board seeks to modify or recall the aforesaid closure directions dated 06/10/06 issued to three sponge iron units i.e. M/s Jain Udyog Ltd, M/s Shraddha Ispat Ltd and M/s Goa Sponge Ltd, the same shall be done only with the prior leave of the Court order dated will be opened with the permission of the Court.

GOA SPONGE & POWER LIMITED.

The unit has installed a brick manufacturing unit (BMU) of capacity 86.4 lakhs bricks per annum on 14/10/06 and the same is operational. This BMU will consume 38.4 MT of dust per day. The dust generated is 30 MT per day. The brick manufacturing process, test reports of the bricks and photographs of the brick manufacturing unit are enclosed herewith. The unit was inspected by Board officials on 17/10/06.

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AMBEY METALLIC LIMITED.

This sponge iron unit is out of the ambit of the court. The Board has issued Closure directions for non compliance of the consent conditions vide its letter dated 06/10/06.. The unit vide its letter dated 17/10/06 has stated that they have installed brick manufacturing unit (BMU) of capacity 60 lakhs bricks per annum on 16/10/06. further the separate electric meter for the air pollution control equipments is received but not installed due to the sealing of the electric room.

The unit was inspected by Board officials on 18/10/06. The unit has installed a brick manufacturing unit (BMU) of capacity 60 lakhs bricks per annum is installed on 16/10/06 . As stated by the management the BMU will consume 38.4 MT of dust per day. The dust generated is 30 MT per day. The brick manufacturing process, test reports of the bricks and photographs of the brick manufacturing unit provided by the supplier of the unit. The unit was inspected by the Board officials on 18/10/06 and as per the inspection report the Brick manufacturing unit has been installed however the same in not put in operation due to disconnection of power.

An inspection will have to be carried out when the Brick manufacturing unit is put in operation to verify the details submitted by the units and testing of the bricks manufactured for its compressive strength of 3 days and 7 days will have to be carried out.

The members decided to impose a bank guarantee of Rupees 5 Lakhs (Five Lakhs) for the Industry to comply with the modified conditions of Consent. The units should comply with the modified conditions within 6 months of the date of re-opening of the unit .The members further decided that the unit can be permitted to operate subject to the leave of the court to modify the Consent and recalling of the Closure directions for units of M/s Shradha Ispat Pvt Ltd and M/s Goa Sponge and Power Ltd to the satisfaction of the Board . With the regards to M/s Ambey Metallic Ltd, the unit can be issued recalling of the closure directions subject to the submission of Bank Guarantee to comply with the modified conditions of the Consent within 6 months of the re-opening of the unit ~~to the satisfaction of the Board.~~

The members further decided that with regards to remaining sponge iron units of M/s Jain Udyog Ltd and M/s Srithik Ispat Ltd which were issued closure directions in the 74th Board meeting, once the compliance report is received the same should be reviewed by the Technical Committee of the Board and issued directions regarding recalling of closure directions.

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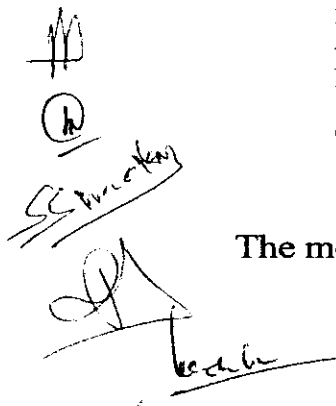
AGENDA ITEM NO. 3
MODIFICATION OF CONSENT CONDITIONS FOR SPONGE IRON UNITS.

The Chairman informed the member that the consent to operate issued to the Sponge iron units requires to be modified and amended in line with Maharashtra Pollution Control Board and Andhra Pradesh Pollution Control Board.

The conditions are as follows:-

- i) Interlocking system has to be provided for Air Pollution control equipments with raw material feeding system so that the feeding of the raw material would stopped incase the air pollution control equipments fails.
- ii) Bank guarantee of Rs. 5 Lakhs for effective operation and functioning of the Brick Manufacturing Unit installed by the unit.
- iii) All sources of Fugitive emissions i.e loading and unloading operations, stockyard, transfer points of conveyors and retrieval points shall be controlled fully i.e. with total enclosures and all transfer emissions shall be connected with extractor inlet point and shall pass through a high efficiency bag filter before discharging into the atmosphere.
- iv) Setting up of ambient air monitoring stations for continuous monitoring of the various parameters and submit bimonthly reports to the Board.
- v) Further the units shall comply with the proposed guidelines issued by the Central Pollution Control Board regarding Stack emissions, height of the stack, Kiln off-gas treatment, installation of Waste Heat Recovery Boiler for generation of power, stack emission standards for dedusting system, setting up of ambient air quality stations, fugitive emission standards etc.

The members decided to approve the same.

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AGENDA ITEM NO.4
STUDY & INSPECTION OF ALL SPONGE IRON UNITS BY
NEERI

The Chairman informed the members that considering the large complaints received with regards to the air , water pollution caused due to operation of sponge iron plants in the State , it is proposed to conduct a study of the existing pollution control systems provided by the five sponge iron units by NEERI, Nagpur and obtaining their suggestions regarding the same.

The members approved the same

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AGENDA ITEM NO.5
COMPLIANCE STATUS OF THE CONSENT CONDITIONS BY
UNITS AT WHICH WERE ISSUED CLOSURE DIRECTIONS

The Chairman informed that some of the Units which had been issued closure directions as approved in the 74th Meeting of the Board requested for inspection of their units as they had complied with the conditions of the Consent issued by the Board. The units were inspected by the Board officials and the details regarding the same are as follows:-

1. M/s Puja Ferro Alloys Ltd, Cuncolim Indl Estate
The unit was inspected by the Board officials. The inspection report states that the work of modification and addition to the existing Air pollution Control system is in progress.
2. M/s Karthik Alloys Ltd, Cuncolim Indl Estate
The unit was inspected by the Board officials and the inspection report states that Air Pollution Control System namely Fume scrubbing system comprising of Venturi Scrubber has been installed.
3. M/s Global Ispat Ltd, Cuncolim Indl Estate
The unit was inspected by the Board officials . The work of modification of the existing of Air pollution control system is in progress.
4. M/s Shirdi Steel Re-rollers Pvt Ltd, Cuncolim Indl Estate
The unit was inspected by the Board officials. The unit has not carried out any modification in the existing system and there is no work presently being carried out for the modification of existing system

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5. M/s Sunrise Electromelt Ltd, Cuncolim Indl Estate

The unit was inspected by the Board officials. The unit has installed covered the mouth of both the furnaces to control fugitive emissions from the furnace.

6. M/s Konkan Minerals Pvt Ltd, Bethora Indl Estate

The unit was inspected by the Board officials. The bags of the Bag filters of the existing systems have been replaced. The existing system has been modified. The unit has enclosed the copies of indents and photographs. This unit is not within the ambit of the Court and is having valid Water & Air Consent of the Board

Shri A.V.Palyekar, M.D GIDC, stated that the issue of disposal of slag generated from these units. The members decided that with regards to units from 1, 2, 4 and 5 the units should be imposed a bank guarantee of Rs 1 Lakh and should comply with regards to modification of Air pollution Control unit and disposal of slag subject to the leave of the court. With regards to unit number 3 and 6 the closure directions can be recalled subject to the Bank guarantee of Rs 1 Lakh with regards to the modification of Air pollution Control System and disposal of slag.

The members further decided that with regards to remaining ^{similar} units which were issued closure directions in the 74th Board meeting, once the compliance report is received the same should be reviewed by the Technical Committee of the Board and issue directions regarding recalling of closure directions.

The meeting ended with thanks to the Chair.

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