

MINUTES OF THE 74th MEETING (SPECIAL MEETING) OF THE
GOA STATE POLLUTION CONTROL BOARD HELD ON 06/10/2006 AT
3.00 p.m. IN THE BOARD'S CONFERENCE HALL

1. The 74th meeting (Special Meeting) of the Goa State Pollution Control Board was held in the Conference hall of the Goa State Pollution Control Board on 06/10/2006 at 3.00 p.m.

The following members attended the meeting

1. Dr. L.U. Joshi -Chairman
2. Shri S.G.Redkar -Chief Inspector of Factories and Boilers
3. Shri J.B.Bhingui - Director of Mines and Geology
4. Shri Joseph D'Souza - Scientist, (Remote Sensing) STE
5. Shri Tulio D'Souza - President, Association of Architects
6. Shri Ruth Furtado - Coucillor, Corporation of City of Panaji
7. Shri Nitin Kuncoliekar - President , Goa Chamber of Commerce
8. Shri Keshav Kamat - Representative of GSIA
9. Shri Arvind Salelkar - Director of Health Services
10. Shri Sagun Wadkar - Panch, Village Panchayat Pissurlem
11. Shri A.D. Naik attended on behalf of M.D, GIDC.

Shri J.J.S Rego, CE II, PWD, Smt Peidade Noronha, Councillor Margao Municipal Council, Smt Carmeliene Menezes, Sarpanch Village Panchayat, Gurim, Shri Suryanaryan, MD, GTDC, Smt Elsie Lobo, Sarpanch Village Panchayat , Parra

AGENDA ITEM NO. 1

CONFIRMATION OF THE MINUTES OF THE 73rd MEETING OF THE BOARD

Chairman stated that the minutes of the 74th Special Board meeting have to be confirmed. As recoded in the agenda Notes and the minutes of the 73rd meeting which were forwarded to the members vide ~~this office~~ letter no. 4/73/06-PCB/2363 dated 12/09/06 and modifications made forwarded vide Letter No 4/73/06-PCB/2547 dtd 22/09/06 were noted by the Members and duly approved and entered in the Minutes book.

AGENDA ITEM NO. 2

APPOINTMENT OF TWO JUNIOR RESEARCH ASSISTANTS IN LIEU OF JR. RESEARCH FELLOWS

Chairman informed that the Board in its earlier meeting had approved appointment of Junior Research Fellow having qualification of Bachelor of Civil Engineering or Bachelor in Environmental Engineering on Contract basis. Subsequently Junior Research Fellow was appointed in the Board by conducting Walk in Interview. Three Junior Research Fellows have tendered resignation for better prospects. During last interview this Board received poor response to the walk in interview. Only three candidates appeared for the interview when four posts were advertised.

The Chairman proposed that the Board may appoint two Junior Research Assistants having qualification of Diploma in Civil Engineering and with a Consolidated pay of Rs 6000 (Rupees Six thousand) per month) and one post of Junior Research Fellow having the qualification of Bachelor in Civil Engineerin or Environmental Engineering with a Consolidated pay of Rs 8000 (Rupees Eight thousand) per month.

The members approved the same

AGENDA ITEM NO. 3

ISSUE OF ADVERTISEMENT FOR TENDER OF HAZARDOUS WASTE INVENTORY

The Chairman informed that the Board in its 72nd meeting had approved to take up the work of Hazardous waste inventory through an external agency. The Board sought a budgetary quote from M/s Aditya Environmental Services who has carried out the work for Maharashtra State Pollution Control Board. The agency stated that the approximate rate for carrying out the work would be Rs 315 (Rupees Three hundred and fifteen) per file to be studied. The scope of work includes site visit, preparation of report etc. There are approximately 3000 Consent files. However files in the green category will not be required to be scrutinized. Approximately 1500- 2000 files will have to be scrutinized considering the units which have not obtained Consent of the Board. Hence the estimated expenditure towards outsourcing would be 6,60,000 (Rupees Six lakhs sixty thousand) only. The advertisement of the tender will

have to be placed in a local English daily and one in Mumbai edition. The cost of advertisement would be Rupees 70,000/- (Rupees Seventy thousand only).

The Chairman informed that the Supreme Court Monitoring Committee has directed that the SPCB should prepare and HW Inventory. The present inventory is prepared based on the annual returns filed by the Industry. An independent review is required with mass balance study and on site inspection by experts in the field.

The Chairman proposed to invite tender for Out sourcing the work of Inventory of Hazardous waste and by placing an advertisement in local as well as Mumbai Edition daily and the estimated expenditure for the same is 7,30,000 (Rupees Seven Lakhs thirty thousand only) inclusive of advertisement costs.

The members approved the same.

AGENDA ITEM NO. 4

ISSUE OF CONSENT BY MEMBER SECRETARY FOR GREEN CATEGORY INDUSTRIES

The Chairman informed that the Board in its 69th meeting approved the categorization of Industries into Red, Orange and Green categories. All the application for Consent to Establish and Consent to Operate and Renewal of Consent to Operate are placed before the Technical Committee in a meeting held every Tuesday. The minutes are then put up for approval of Chairman. On approval of the minutes by the Chairman the Consents are issued by the Member Secretary.

The Chairman proposed that applications for Consent to Establish, Consent to Operate and Renewal of Consent to Operate of Industries categorized by the Board as Green Category Industries should be issued Consent by the Member Secretary without placing the same before the Technical Committee and the Category of the Industry should be mentioned on the Consent issued by the Board.

Shri Tulio D'Souza requested that for Consent to Establish for Green category should be placed before the Technical Committee and the Consent to Operate and Renewal of Consent to Operate should be approved by the Member Secretary.

The Members approved the same.

AGENDA ITEM NO. 5

APPLICATION FOR CONSENT TO ESTABLISH A NEW AIR POLLUTION EQUIPMENT OF M/S. KARTHIK ALLOYS LTD., AT CUNCOLIM INDUSTRIAL ESTATE

The Chairman informed that upon the perusal of records in this office it is noticed that M/s. Karthik Alloys is operating an industrial unit without obtaining Consent from the Board under Water and Air Act. The unit was directed to apply for the same within 7 days vide this office letter no. 6/59/94-PCB/2253 dated 1/09/06. This office had received a reply stating that the unit will be closed for one month for replacement of transformer. The unit was subsequently issued Closure directions as decided in the 73rd Board meeting held on 12/09/06.

The Chairman further informed the members that M/s Karthik Alloys Ltd has now submitted an application for Consent to establish a new Air Pollution Control System. The same was placed before the Technical Committee and it was decided that this application should be placed before the Board as the Board has issued Closure directions to the unit.

Members sought to know whether the unit is producing Hazardous waste. Shri Tulio D' Souza stated that the Technical committee should examine the proposal on technically and should not be considered in isolation.

Shri Keshav Kamat should visit and submit a technical report and then the matter should be placed in the next Board meeting. Shri Nitin Kuncoliekar stated that Consent to Establish should be issued for installation subject to compliance of the of the provisions of the Air act.

Shri Tulio D'Souza stated that Consent to Establish installation of Air Pollution Control unit should be approved without prejudice to the earlier Board decision of Closing the unit for non compliance of the Board directions. This Consent will not allow the unit to operate any equipment till the Board is satisfied that the Air Pollution Control equipment installed by the unit complies with all the norms.

The members approved the same

AGENDA ITEM NO. 6

ISSUE OF CLOSURE DIRECTIONS TO SPONGE IRON UNITS.

The Chairman informed that as approved in the 73rd Special meeting of the Board the Board had issued Show cause Notice to all the sponge iron units for not complying with the conditions of the Consent issued by this Board for Establishing a Brick manufacturing unit to dispose the fly ash / flue dust generated in the Air pollution control unit on 12/09/06 and also for installing separate meters for air pollution control equipment. The units have submitted their replies. It is inferred from the replies as follows:-

M/s Jain Udyog Ltd, Santona, Savordem, Goa

The Chairman informed that the unit has committed in its application for Consent to establish that it would store only one day stock of coal within premises and the rest would be stored 500 meters away. However during inspection it was noticed by the Board officials that the unit is storing the coal within the premises. It was also noticed during the inspection that the unit had buried flue dust / slag generated from the unit within the premises close to the bank of Kalay river. The unit has installed a paver block making machine, however the capacity of the block machine and the flue dust generated does not match. The unit approximately generates 20-30 tons of flue dust/ slag every day. The waste generated from sponge iron units was also disposed on two occasions on NH 4 at Mollem. The Chief Secretary vide his Note No 1-17-2006-CS dated 21/09/06 asked to take action as per law against the unit. The Chairman further informed that the matter is before the Hon High Court and in this matter the Hon High Court has opined that the Board is at liberty as deemed fit and contemplated under law against M/s Jain Udyog, M/s Shraddha Ispat and M/s Goa Sponge and Power .

The members approved to issue Closure directions to the unit under Section 31 A of the Air (Prevention of Pollution) Act, 1981..

M/s Srithik Ispat Ltd, Xelpem, Sanguem

The Chairman informed that complaints were received from the Sanguem and Cotarli Citizens Ekvott and the Sanguem Youth Congress regarding the Pollution caused due the operation of this unit. The complaint stated that the water from the plant was being discharged from the premises into the nallah at Cotarli. The unit was inspected by the Board officials and it was noticed that the storm water carrying the solid raw material stored within the premises was being drained outside the premises to the nallah at Cotarli. It was also noticed that the fly ash was stored uncovered within the premises.

The Chairman further informed the unit in its reply to the Show cause notice has stated that the Brick manufacturing unit has already been procured however the same would be commissioned in November 2006.

The members approved proposed to issue Closure directions to the unit under Section 31 A of the Air (Prevention of Pollution) Act, 1981.

M/s Ambey Mettalic Ltd, Pissurlem , Sattari, Goa

The Chairman informed that the unit in its reply to the Show cause notice has stated that unit is disposing the fly ash within premises and the brick manufacturing unit for disposal of fly ash will be commissioned by December , 2006.

The members approved to issue Closure directions to the unit under Section 31 A of the Air (Prevention of Pollution) Act, 1981.

M/s Shraddha Ispat Ltd, Santona Savordem, Goa

The unit in its reply to the Show cause Notice has stated that the brick manufacturing unit will be commissioned in October 2006 and presently some fly ash is disposed to brick manufacturing unit of M/s Desai bricks and some of the fly ash is disposed within premises. The approximate generation of slag and fly ash is 30-40 tons per month. The unit has installed a separate meter for the air pollution control equipment.

The members approved to issue Closure directions to the unit under Section 31 A of the Air (Prevention of Pollution) Act, 1981.

M/s Goa Sponge & Power Ltd, Santona , Savordem, Goa.

The unit in its reply to the Show cause Notice has stated that the brick manufacturing unit will be commissioned in October 2006 and presently some fly ash is disposed to brick manufacturing unit of M/s Desai bricks and some of the fly ash is disposed within premises. The approximate generation of slag and fly ash is 30-40 tons per month. The unit has installed a separate meter for the air pollution control equipment.

The members approved to issue Closure directions to the unit under Section 31 A of the Air (Prevention and Control of Pollution) Act, 1981.

AGENDA ITEM NO. 7
APPLICATION OF M/S. SHRADDHA ISPAT FOR COMMISSIONING OF ADDITIONAL KILN AND RENEWAL OF AIR CONSENT

The Chairman informed the unit has submitted an application for Consent to establish a additional Kiln of 100 tons per day The unit has installed an Electro static precipitator with reverse bag filter for the same. The unit was issued Consent to Establish for 300 tons per day plant. The unit had commissioned one kiln of 100 tons per and obtained Consent to Operate under Water and Air act of this Board. The units were inspected by the Board officials. It was noticed during the inspection that the unit has installed an Electro static precipitator with reverse bag filter for the additional kiln.

The members deferred the above item in view of the decision to issue closure directions to the unit .

AGENDA ITEM NO. 8

ISSUE OF CLOSURE DIRECTIONS TO RED CATEGORY INDUSTRIES OPERATING IN CUNCOLIM INDUSTRIAL ESTATE WITHOUT CONSENT OF THE BOARD AND ISSUE OF SHOW CAUSE NOTICES TO ORANGE AND GREEN CATEGORY INDUSTRIES OPERATING WITHOUT CONSENT OF THE BOARD.

The Chairman informed that the Board had received complaints regarding pollution caused due to operation of industries in Cuncolim Industrial Estate form the Cuncolim Citizen Action Front. A Writ Petition was filed in the Hon High Court by Shri Oscar Martins where the Board is the 1st Respondent. During the filing of the affidavit in the matter it was advised by the Legal Counsel of the Board to make a assessment of the Industries operating within Cuncolim Industrial Estate. A list of Industries presently in operation was obtained from the GIDC. On scrutiny and inspection it was found that the following Industries are operating without the Consent of the Board

1. **M/s Roquedal Lubricants Pvt Ltd, Red Category (This unit is recycler of used oil and requires registration from CPCB under HW Rules. The unit is not registered with CPCB and is continuing operations in violation of Supreme Court order)**
2. M/s Karthiekya Metachem, Red Category
3. M/s Mandovi Lime Industries Red Category
4. M/s Global Ispat Pvt Ltd Red Category (Does not have valid Water Consent)

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| 5. M/s Safin Furnitures | Green Category |
| 6. M/s Rocha Industries | Green Category |
| 7. M/s Shallom Exports | Green Category |
| 8. M/s Danies Earthmoving | Green Category |
| 9. M/s S.S.Engineering & Co | Green Category |
| 10 M/s Royal Milk | Red Category |
| 11 M/s Ashirwad Enterprises | Green Category |
| 12 M/s Film Plast | Green Category |
| 13 M/s Ganesh Pet | Green Category |
| 14 M/s Bhagwathi Cashew Industries | Orange Category |

The members approved to issue Closure direction to the Industry categorized as Red under Section 33 A of the Water Act and Section 31 A of the Air act and that the Chairman should issue closure directions under Section 5 of the EPA for non compliance of the Hazardous Waste (Management & Handling) Rules, 1989 as amended in 2003.

The Members approved the same.

**AGENDA ITEM NO.9
ISSUE OF SHOW CAUSE NOTICES TO INDUCTION
FURNANCE UNITS**

The Chairman informed that the Board had issued directions to five Induction furnace operating units in Kundaim Industrial Estate to install a appropriate air pollution control units. The five units complied with the directions issued by the Board. However the remaining Induction furnace units are not having appropriate air pollution control equipments.

All the Induction Furnace units are disposing the slag on the slope of hill in open plots and numerous complaints are received by this Board. In the Consent issued by this Board the unit should make suitable arrangement for disposal of slag. The units also require installing a separate meter for air pollution control equipment and the meter readings should be submitted to the Board on monthly basis.

The Chairman further informed that it is proposed to issue Show cause Notices to five units from Kundaim Industries estate for a appropriate method for disposal of slag and installation of separate electric meter for remaining he Induction Furnace units for installation of proper Air Pollution Control equipment , a appropriate method for disposal of slag and installation of separate electric meter for the Air pollution Control equipment.

The members approved the same.

**AGENDA ITEM NO.10
ISSUE OF CLOSURE DIRECTIONS TO SIX UNITS IN CUNCOLIM
INDUSTRIAL ESTATE**

The Chairman informed the Members that the Board had received complaints regarding pollution caused due to operation of industries in Cuncolim Industrial Estate from the Cuncolim Citizen Action Front. A Writ Petition was filed in the Hon High Court by Shri Oscar Martins where the Board is the 1st Respondent. The Board carried out independent Stack monitoring of the all the units cited in the petition through M/s Terra Firma Ltd a Laboratory recognized by Ministry of Environment and Forest under the EPA. The reports were submitted to this office. On perusal of the Stack Analysis report it was noticed that all the parameters are within the prescribed limits. However in the assessment of the Air Pollution Control equipment of the following units it was reported by M/s Terra Firma that the same is inadequate and fugitive emissions are noticed. The equipment requires modifications / alterations to trap all the emissions generated from the unit

1. M/s Sunrise Electro melt Ltd
2. M/s Ma Durga Enterprises Pvt Ltd
3. M/s Pooja Ferro Alloys Pvt Ltd
4. M/s Shri Balaji Rolling Pvt Ltd
5. M/s Rukminirama Steel Rolling Pvt Ltd
6. M/s Shirdi Steel Re-roller Pvt Ltd

The members approved to issue Closure directions to all the above units under Section 31 A of the Air (Prevention and Control of Pollution) Act, 1981.

The Board may deliberate and decide.

**AGENDA ITEM NO.11
ISSUE OF CLOSURE DIRECTIONS TO UNIT OF M/s JYOTI SHET
TANAWADE FOR OPERATING WITHOUT CONSENT OF THIS
BOARD**

The Chairman informed that this office had received several complaints air pollution caused due to operation of the bakery in a residential area. The unit was inspected by the Board officials and it was found that the chimney height was inadequate . The unit was directed to raise the Chimney height above the roof of the complainants house and also to obtain a Consent to Operate from this Board. A Show Cause Notice to this effect was issued to the unit on 24 /07/06.

The unit has not yet applied for Consent of this Board and also has not raised the height of the Chimney above the roof of the complainants residence.

In view of the above circumstances it is proposed to issue Closure directions under Section 31 A of The Air (Prevention & Control of Pollution) Act, 1981.

The members approved the same

**AGENDA ITEM NO.12
ISSUE OF CLOSURE DIRECTIONS TO UNIT OF M/s KONKAN
MINERALS FOR OPERATING WITHOUT CONSENT OF THIS
BOARD**

The Chairman informed the members that the Board had received a complaint regarding Air pollution caused due the operation of this unit. The unit was inspected by the Board officials on 19/07/06 and it was noticed during the inspection that the air pollution control equipments was not in operation and thick smoke was being emitted through the furnace. It was informed by the representative of the Industry that the bag filters were choked and required to be replaced.

The members approved to issue Closure directions under Section 31 A of the Air (Prevention and Control of Pollution) Act, 1981.

The members approved the same.

TABLE ITEM NO.1

ISSUE OF NOTICE ON LOCAL DAILIES REGARDING OPERATION OF INDUSTRIES WITHOUT CONSENT / AUTHORIZATION OF THE BOARD

The Chairman informed the members that during discussion held with the Legal Counsel of the Board , the Legal Counsel advised that the Board should publish a Notice and Press Note to the effect that Industries / Hotels / Automobile Service stations operating without the Consent / Authorization of the Board should submit an application for Consent and or Authorization of the Board within 30 days of the Publication of the Notice failing which the Board will carry out a Survey and will be compelled to issue Closure directions to Industries / Hotels / Services stations operating without the valid Consent / Authorization of the Board.

The total expenditure for the same would be approximately 30,000 (Rupees Thirty thousand only)

The members approved the same

TABLE ITEM NO.2

FILING PETITION IN THE HIGH COURT WITH REGARDS TO NON COMPLIANCE OF MSW RULES BY THE MAYOR /CHAIRPERSON AND COMMISIONER /CHIEF OFFICERS OF CORPORATION / MUNICIPAL COUNCILS AND COLLECTOR NORTH AND SOUTH GOA

The Chairman informe the members that the Board had convened meeting on several occasions with the officials of the Municipal Councils and sough compliance with the MSW Rules with regards to collection, transportation, treatment and disposal of MSW as well as setting up of landfill site for inert waste. Show cause Notices were issued thrice to al the Councils/ Corporation. There are several complaints from the Public regarding the same.

It has been observed that most of the Municipal Councils are not complying with the provisions of the MSW Rules. A Note to this effect was forwarded to Chief Secretary, Hon Dy Chief Minister and Minister for Environment and

Chief Minister informing of the non compliance of the MSW Rules and had also informed that the Board will be forced to file a petition in this matter. The Chief Secretary has remarked that action should be taken as per Law. The same has been approved by the Hon Dy Chief Minister and Chief Minister.

In view of the above it is proposed to file a petition in JMFC.

The members approved the same

[Signature]

NITIN KUNIKOH BAWAR.

Lugoshi

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Keshav Kamal

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