

Mangalore

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE, PLOT NO.10-B,
BAIKAMPADY INDUSTRIAL AREA
MANGALORE-575011
PH: 406586, 408239

No. KSPCB/RO(MNG)/AEO-1/DK/CFE/SR/2003-04/1887

Date: 19/7/2003

To:
Sri. D.K. Nagaraj (Director)
M/s. Medicare Incin (P) Ltd.,
No. 2950, M.K.K. Road,
IInd Stage, Rajajinagar,
Bangalore - 10.

REGIONAL OFFICE
KARNATAKA STATE POLLUTION CONTROL BOARD
BAIKAMPADY INDUSTRIAL AREA
MANGALORE - 575 011

Sir,

Sub: *Consent for establishment (CFE) from Water & Air pollution control point of view for setting up of a new Bio-Medical Waste Management facility namely M/s. Medicare Incin (P) Ltd., at Plot no. 47-B, KIADB Indl. Area, Karnad, Mulky- reg.*

Ref: 1. Your CFE application received at this office on 07.07.2003.,
2. Inspection of your proposed site by DEO on 7/07/2003.

With reference to the above, it is to be informed that this Board has cleared the project from the Water & Air pollution control point of view for setting up of a new integrated Bio-Medical Waste Management facility for treating 2500 Kgs of Bio-Medical Wastes per day i.e., 1500 Kgs of waste by incineration and 1000 Kgs of waste by autoclaving at Plot no. 47-B, KIADB Indl. Area, Karnad, Mulky, DK District provided following conditions are complied with:

1. The applicant shall obtain authorization under Bio-Medical waste (Management & Handling) Rules, 1998 for generation, collection, reception, storage, transportation, treatment, disposal and handling of Bio-Medical waste and follow the procedure thereof.
2. The applicant shall fulfill all the operating conditions indicated in Annexure-4 for incineration and autoclaving of Bio-Medical waste. All liquid effluent generated shall be treated to the standards indicated in the above annexure. Ash generated from incineration shall be disposed by land fill and separate approval shall be obtained for the same from the Board. The applicant shall provide facilities for scientific storage for Bio-Medical waste for disposal and also incineration ash.

The Bio-Medical waste before loading into the incineration chamber shall be pre-treated. It is prohibited to use chemically treated chlorinated disinfected waste and chlorinated/di-chlorinated plastic materials in the incinerator. No plastic materials shall be incinerated.

3. The applicant shall obtain clearance from Department of ecology and Environment, Government of Karnataka from Environmental angle.
4. The applicant shall not undertake expansion/diversification/modernization, change of location of site etc., without the prior clearances from this Board.
5. The applicant shall take prior permission for abstraction of ground water from Central Water Authority, Government of India and provide water meters for measuring the quantity of ground water abstracted.
6. The applicant shall take a forestation measures in the premises, so that green belt is maintained.
7. The applicant shall plant at least 3 rows of tall growing trees all around the periphery of the industry.

I WATER POLLUTION CONTROL:

1. There shall not be any generation of trade effluent from the facility.
2. The effluent from the scrubber shall be collected in a sump, neutralized and sent through cooling tower, then recirculated into the scrubber.
3. The applicant shall treat the domestic effluent in septic tank & soak pits. No overflow from the soak pit is allowed. The septic tank, and soak pit shall be designed as per IS 2470 Part-I and Part-II.

II. AIR POLLUTION CONTROL:

1. The applicant shall provide control measures as per Annexure-5 to control emission to the standards indicated in Annexure-4.
2. The discharge of emission from the premises of the applicant shall pass through the stacks/chimneys wherefrom the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under.
3. The daily/hourly rate of emissions discharged and the tolerance limits of the constituents forming the emissions in each of the stacks/chimneys shall not exceed the limits laid down in Annexure-4.
4.
 - a) The industry shall take immediate action to install adequate equipments for the control of constituents in the emissions so as to conform to the tolerance limits as per Condition No. 1.
 - b) The industry shall provide 100% standby air pollution control equipment on line so that in case of failure of the existing equipments, the standby equipment should be used, so as to maintain 100% capacity of control equipment at all times.
5.
 - a) The chimney heights shall be provided as per the guidelines for stack heights given in Annexures-5. The proposals for which, shall be submitted to the Board within 30 days from the receipt of this consent for establishment and same shall be implemented before commissioning of the plant.
 - b) The applicant shall provide port holes for sampling the emissions and access platforms for carrying out stack sampling and provide electrical outlet points and other arrangements for all stacks/chimneys another sources of emissions so as to collect samples of emissions by the Board or the applicant at any time in accordance with the provisions of the Act and Rules made therein. The details of location of sampling port holes, platforms & electrical outlet point etc., are detailed in annexure.

b) Separate meters with necessary pipeline for assessing the quantity of water used for each of the four purposes mentioned below before the factory is commissioned.

- i) Industrial cooling, spraying in mine pits or boiler feed
- ii) Domestic purposes.
- iii) Processing whereby water gets polluted and the pollutants are easily bio-Degradable and are toxic
- iv) Processing whereby water gets polluted and the pollutants are not easily bio- degradable and are toxic

Every industry after fixing the water meters, intimate the initial meter reading to the Assessing Authority and after the industry is commissioned even for the trial production, files cess returns in Form-I.

V. GENERAL:

1. The incinerator ash disposal facility shall be as per Bio-Medical Waste (Management and Handling) Rules, 1998.
2. If any complaints received against the facility for establishing activity by neighboring habitat/agricultural owners/local people or any organization and if the same is provided, then the applicant shall close down the establishing activities immediately and shift from the said location with prior CFE of the Board.
3. Exact date of commissioning/starting of the facility shall be informed to this Board 45 days in advance so as to make necessary inspection of the utilities and the pollution control measures provided by the industry.
4. The applicant shall submit details of land fill within 15 days from the date of receipt of this CFE.
5. The issue of CFE is considered without prejudice to court case pending if any in the subject.
6. The applicant shall obtain all necessary clearances from competent authorities.
7. The applicant shall comply with the additional specific conditions stipulated in Annexure-I to 4.
8. The applicant shall use closed container for collection and transportation of Bio medical waste.
9. The applicant shall provide alternative power source to run the facility efficiently in case of power failure.
10. The applicant shall keep one incinerator as stand by to run the facility continuously in case of any mechanical problem.
11. The applicant shall construct a compound wall of at least 12 feet height all around the periphery of the site.
12. The applicant shall comply with the conditions laid down in the annexure I to V.

6. The applicant shall at his own cost get the samples of emissions collected and get them analyzed in any authorized Laboratory every month for the parameters indicated in Condition No. 2 from the sampling port holes provided as per condition No. 4 and shall submit in duplicate, the analysis results to the Board within seven days from the date of collection of samples.
7. The applicant shall not change or alter either the quality or quantity or rate of emission or install/replace or material or manufacturing process resulting in change in quality and/or quantity of emissions, shall be intimated to Board.
8. The industry shall submit process flow sheet and particulars of proposed control equipments, monitoring equipments and time schedule for the installation of the same so as to reach the Board within 30 days from date of grant of this consent for establishment.
9. Applicant shall provide stand-by incinerator in case there is failure of the equipments/incinerator.

III. SOLID WASTE DISPOSAL:

The proposed facility shall dispose off all solid waste generated from the process and from the effluent treatment plant in a scientific manner without causing underground and surface water pollution directly or indirectly. The solid waste shall be disposed off without causing eyesores to the public. The disposal of solid waste and the area selected for the same shall be got approved by the Board duly furnishing the relevant information within 30 days from the receipt of this consent for establishment. The solid waste generated in the form of ash, for burning of Bio-medical waste in the incinerator, shall be stored in the premises in scientific manner in closed container and kept in a place earmarked for the purpose. Log book shall be maintained on daily basis and record daily quantity of generation and stored. For disposal of waste, the applicant shall obtain prior approval of the Board under the provisions of HWM Rules.

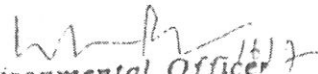
IV. WATER CESS:

1. It is binding on the factory as per section 3(3) and 3(4) of Water (Prevention and Control of Pollution Cess) Act, 1977 to provide for:
 - a) Water meter at the entrance of the Water supply connection within the premises of the consumer or at any other place to be approved by the Assessing authority so that such meter are easily accessible for inspection and maintenance and for other purposes of the Act, provided that the place where it is affixed shall be in no case be at a point before which water has been tapped by the consumer for utilization for any purpose whatsoever.

Please note that this is only consent for establishment issued to you to proceed with the formalities to establish the Health Care Establishment Hospital. For this purpose, a separate consent of the Board for discharge of liquid effluent and the atmospheric emission shall have to be obtained by remitting prescribed consent fee, separately, for air emissions and waste water discharged. The application for consent has to be made 45 days in advance to your commissioning/starting of the hospital. Issue of consent will be considered only after completion of necessary works as per the conditions imposed in enclosed annexure.

The receipt of this letter may please be acknowledged.

Yours faithfully,


Environmental Officer
Karnataka State Pollution Control Board
BANGALORE
1977

Encl: as above.