

F.No.10-45/2009-IA.III
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi - 110 003

Dated: 28th February, 2013

To
M/s. Gujarat Maritime Board,
Sector-10-A, "Chh" Road,
Opp. Air Force Station,
Gandhinagar - 382 010, Gujarat

Subject: Environmental Clearance for development of an Incineration facility for hazardous wastes generating from Ship recycling activity at existing TSDF site, Alang, District Bhavnagar, Gujarat by M/s. Gujarat Maritime Board - Reg.

This has reference to your application No: GMB/Env/Incinerator/49(C)/283 dated 20.06.2012 and subsequent letter dated 24.09.2012 seeking prior Environmental Clearance for the above project under the EIA Notification - 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification - 2006 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 19th - 21st September, 2012 and 20th - 21st December, 2012.

2. It is interalia, noted that the proposal involves development of an incineration facility for incinerating hazardous wastes generating from ship recycling activity at existing TSDF site at Alang. The Alang-Sosiya Ship Breaking Yard (ASSBY) is the largest Ship-breaking Yard in Asia, which have a capacity to recycle about 400 ships per annum and can generate about 40 lakhs light displacement tonnage per annum. The stretch of ship breaking yard along the Gulf of Cambay coastline is about 10 km long and Alang-Sosiya Ship Breaking Yard is about 50 km. away from Bhavnagar city. The TSDF facility was created in the year 2005 on the Survey No 325/1/1 near Alang Village, Dist Bhavnagar. The existing facility has three landfill cells which are already in operation since the year 2005. The land was notified by Gujarat Pollution Control Board in November 2000 under HW Management Rules-1989. Looking at the potential generation of ignitable wastes to a tune of 1000 MT per year in the form of oily sludge, paint chips, thermocol, and cable pieces which require heat treatment, GMB has proposed to install an Incinerator having 5 MT per day capacity on operations 200 days a year.

3. The Gujarat Pollution Control Board had already authorized GMB in October-2005 for installation and treatment of the proposed captive incinerator within existing notified TSDF. GMB requested the committee for waiving of Public Hearing.

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The Expert Committee after detailed deliberations and considering all the parameters of the project decided not to waive Public hearing, since the project is not located in the notified developed industrial area.

4. The proposal was considered by the EAC in its 78th meeting held on 20th to 22nd July, 2009 finalised ToR including conduct of Public Hearing. Public Hearing conducted on 31.05.2012 at the site.

5. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of Environmental Clearance for the project. Accordingly, the Ministry hereby accord necessary Environmental Clearance for the above project as per the provisions of Environmental Impact Assessment Notification - 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

6. Specific Conditions:

- (i) "Consent for Establishment" shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.
- (ii) 20% of green belt with minimum 2 rows of trees shall be planted all around the boundary of the site.
- (iii) On line monitoring shall be provided to monitor the air pollutants. The details of monitoring shall be recorded and be submitted along with the six monthly monitoring report.
- (iv) The guidelines on Common Incinerator of CPCB shall be followed.
- (v) All the recommendations of EMP/DMP shall be strictly complied.
- (vi) The proponent shall comply with the Environmental standards notified by Ministry of Environment & Forests for incinerators along with the technology/guidelines.
- (vii) Necessary provision shall be made for fire fighting facilities within the complex.
- (viii) Project proponent should carryout periodical air quality monitoring in and around the site including VOC, HC.
- (ix) Project proponent should develop green belt all along the periphery of the TSDF with plant species that are significant and used for the pollution abatement.

7. General Conditions:

- (i) The project proponent should set up necessary facility for on site testing of wastes to decide the requirement of treatment if any, before disposal.



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- (ii) The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (iii) The project proponent should extend full support to the officers of this Ministry/Regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
- (iv) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (v) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.
- (vi) The project proponents shall inform the Regional Office of this Ministry at Bhopal as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
- (vii) The project proponent shall provide adequate safety facilities.
- (viii) Gujarat Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industries centre and Collector's Office/Tehsildar's office for 30 days.

8. These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Hazardous Wastes (Management, Handling and Transboundary) Rules, 2008 including the amendments and rules made thereafter.

9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

10. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Gujarat Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.

11. This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.



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12. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

13. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

14. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.


15. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

16. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.


(Lalit Kapur)
Director (IA-III)

Copy to:

1. The Principal Secretary, Department of Forests & Environment and Chairman, GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar.
2. The Director, Forests & Environment Department, Govt. of Gujarat, Block No.14, 8th Floor, Sachivalaya, Gandhinagar - 382 010.
3. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhinagar-382 010.
5. The Chief Conservator of Forests, Ministry of Environment and Forests, Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No. 3, Ravishankar Nagar, Bhopal-462016 (M.P.)
6. Guard File.
7. Monitoring Cell, MoEF.


(Lalit Kapur)
Director (IA-III)