

2011-12/5/KAR

No. 10-49/2009-IA.III  
Government of India  
Ministry of Environment & Forests  
(IA Division)

Pl. Send to  
R.D. Bangalore

6/6

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

Dated: 1<sup>st</sup> April, 2011

To  
M/s. Mangalore Refinery and Petrochemicals Ltd.,  
Kuthethoor, P.O., Via Katipalla,  
Mangalore - 575 030,  
Karnataka.

Subject: CRZ and Environmental Clearance for Single Point  
Mooring and Storage facilities within New Mangalore Port  
Trust premises for MRPL, Mangalore, Karnataka by M/s.  
Mangalore Refinery and Petrochemicals Limited - Reg.

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This has reference to your application No: L/SPM/MOEF/05-037 dated 15.05.2009 and subsequent letters dated 12.11.2009, 19.05.2010, 09.07.2010 and 15.11.2010 seeking prior CRZ and Environmental clearance for the above project under the CRZ, Notification, 1991 and EIA Notification - 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under these Notifications on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP, recommendations of the State Coastal Zone Management Authority 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 18<sup>th</sup> - 20<sup>th</sup> August, 2010, 20<sup>th</sup> - 22<sup>nd</sup> October, 2010 and 18<sup>th</sup> - 20<sup>th</sup> January, 2011.

2. It is interalia, noted that the proposal involves setting up of Single Point Mooring (SPM) and storage facilities within New Mangalore Port Trust premises for MRPL, Mangalore, Karnataka. The Mangalore Refinery and Petrochemicals is a subsidiary of ONGC and presently operating at 12.0 MMTPA crude processing capacity. It is proposed to expand the refining capacity of crude from present 12 MMTPA to 15 MMTPA and then further to 18 MMTPA. MRPL is also planning an Aromatics complex. The project proponent informed that at present the crude and products from the Refinery are handled through New Mangalore Port nos. B-10, B-11 and partly at B-12. The oil traffic is handled through NMP during the last 2 years. Berths B-10 and B-11 are designed for handling of tankers of maximum size 1,20,000 DWT with LOA of 285 m and draft of 17m. Berth B-12 is designed for 50,000 DWT tankers drawing a draft of 12.5m only. However due to presence of hard rock in the channel the maximum draft allowable at B-10 and B-11 is 14m only. There is no crude pipe

Shankar

Dr. ADP Srujan  
MM  
13/8/11

New for  
24/6/2011

connection at B-12 and this berth is used for handling products of other parties and chemicals. Total storage capacity is 3,00,000 KL, each tank of size dia 65 m, height 20 m. Further, the port is located on the alluvial plain, about 10 km north of the mouth of the Gurupur and the Netravathi rivers. The old port of Mangalore is located at the confluence of these two rivers. The port is operational only during the fair weather season. The total cost of the project is Rs. 8.20 Crores.

3 The proposal was examined by the EAC in its 78<sup>th</sup> meeting held on 20<sup>th</sup> -22<sup>nd</sup> July, 2009 and finalized the ToRs. Public hearing was exempted vide letter no. 11-101/2009-IA.III dated 25.05.2010.

4 As per the Karnataka Coastal zone Management Authority, the project site falls in CRZ-III area and the Authority has examined the project in its meeting held on 16.04.2010 and recommended the proposal vide letter No. FEE /1/CRZ/2010 dated 13.05.2010.

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, 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) The project shall be executed in such a manner that there shall not be any disturbance to the fishing activity.
- (iii) It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.
- (iv) Regular mock drills shall be conducted to check the effectiveness of the on-site Disaster Management Plan. The recommendations made in the Environmental Management Plan and Disaster Management Plan, as contained in the Environmental Impact Assessment and Risk analysis reports of the project, should be effectively implemented.
- (v) Markers should be installed at every 30 m to indicate the position of the pipe line.



- (vi) The approval of the competent authority shall be obtained for adequacy of fire fighting equipments, etc.
- (vii) The smooth and safe operation of the system will be ensured by incorporating a computerized SCADA (Supervisory Control And Data Acquisition) system. Any leakage in the pipeline shall be immediately detected by the Computer system and product pumping shall be immediately cut off.
- (viii) During operation phase, proper precautions should be taken to avoid any oil spills and no oily wastes shall be discharged into the water bodies/mangrove areas.
- (ix) Regular patrolling of the pipelines needs to be done. This will help in identifying any activity that have the potential to cause pipeline damage or to identify small leaks whose effects are too small to be detected by instrument.
- (x) No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- (xi) Oil spills if any shall be properly collected and disposed as per the Rules.
- (xii) The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (xiii) The project proponent shall take up mangrove plantation/ green belt in the project area, wherever possible. Adequate budget shall be provided in the Environment Management Plan for such mangrove development.
- (xiv) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.

**7. GENERAL CONDITIONS:**

- (i) Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.
- (ii) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.



- (iii) The construction material shall be obtained only from approved quarries. In case new quarries are to be opened, specific approvals from the competent authority shall be obtained in this regard.
- (iv) Adequate precautions shall be taken during transportation of the construction material so that it does not affect the environment adversely.
- (v) Full support shall be extended to the officers of this Ministry/Regional Office at Bangaluru by the project proponent 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.
- (vi) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bangaluru regarding the implementation of the stipulated conditions.
- (vii) Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (viii) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (ix) 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.
- (x) The project proponents shall inform the Regional Office 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.
- (xi) A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal.
- (xii) Karnataka Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center 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 EIA Notification 1994, 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 State 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 Bangaluru.

11. Environmental 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.

12. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/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.

13. 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.

14. 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.

15. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed

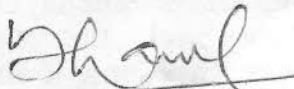


under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

**(Bharat Bhushan)**  
**Director (IA-III)**

Copy to:

- 1 The Principal Secretary, Department of Environment and Forests, First Floor, Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No. 3, Ravishankar Nagar, Bangaluru - 462016.
- 2 The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32.
- 3 The Chairman, Karnataka State Pollution Control Board-49, Parisara Bhavana, Church Street, Bangaluru-01 Karnataka,- 560001.
- 4 The Chief Conservator of Forests, Ministry of Environment and Forests, Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No. 3, Ravishankar Nagar, Bangaluru - 462016.
- 5 Guard File.
- 6 Monitoring Cell.

  
**(Bharat Bhushan)**  
**Director (IA-III)**

01.04.2011