

F. No. J-11011/496/2007- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003
E-mail : plahujarai@yahoo.com
Telefax: 011 – 2436 3973
Dated: March 20, 2009

To,

M/s Indian Oil Corporation Limited
Assam Oil Division
Technical Service Department
Digboi – 786 171, Assam

Subject: New Product Dispatch Terminal at Digboi Refinery in district Tinsukia in Assam by M/s IOCL- Environmental Clearance reg.

Sir,

This has reference to your letter No. IOCL/NEISO/CM (PJ) DMT-70-A dated 10th December, 2008 on the above mentioned subject.

2.0. The Ministry of Environment and Forests has examined the proposal. It is noted that M/s IOCL propose to construct a New Product Dispatch Terminal for Digboi Refinery in District Tinsukia in Assam. The site of the terminal will be changed from the earlier location at Ramnagar to Golai at a distance of 3 km from the Digboi refinery in company's own land. The land area required is 50 acres. No forest land is involved. The proposed terminal will have eleven storage tanks with provision for two tanks in future. New POL terminal will mainly cater POL demand in the States of North Eastern region. The terminal will have 20 numbers of bays to load 200 tank lorries per day with automatic filling system. Tank wagon gantry would consist of about 880 m spur of railway track and 78 loading points. The terminal will be equipped with fire fighting facility with 2 no. of fire water tanks of capacity 2200 KL each, 4 Fire Engines, 2 Jockey pumps, Fire Hydrant Network of 5000 m approx., double headed hydrants and water monitors etc. Construction of tankage will be as per OISD -118 guidelines. Water requirement of 5m³/hr will be met from river Nazirating. Solid waste from the product tank bottom will be sent to Digboi refinery for Oil recovery. The residual sludge will be incinerated and ash will be stored in the secured land fill. The bio-sludge after drying will be used as manure for green belt development within the refinery premises. Preparation of EIA/ EMP report and public hearing is not required as per para 7(ii) of the EIA Notification 2006. Cost of the project is Rs. 97 crore.

3.0. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 subject to strict compliance of the following specific and general conditions.

- ii. At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the respective unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
 - iii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
 - iv. The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from the State Pollution Control Board must be obtained for collections/treatment/storage/disposal of hazardous wastes.
 - v. The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.
 - vi. The stipulated conditions will be monitored by the Regional of this Ministry at Shillong/Central Pollution Control Board/State Pollution Control Board. A six monthly compliance report and the monitored data should be submitted to them regularly.
 - vii. Occupational health surveillance of the workers shall be done on regular basis and records maintained as per the Factories Act.
 - viii. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.
 - ix. The Project Authorities 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 commencing the land development work.
- 4.0. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 5.0. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.

A. SPECIFIC CONDITIONS:

- i. The company shall take adequate measures for control of fugitive emissions in the work zone environment and raw material storage area and emissions shall be regularly monitored for all relevant parameters including HC and VOC. The fugitive emissions shall conform to the standards prescribed by the SPCB/CPCB. The data on HC and VOC shall be e mailed to the RO of the Ministry./CPCB/State Pollution Control Board. Further the data should be displayed on the gate of the refinery and at important public places through sign boards.
- ii. Continuous Hydrocarbon Monitoring system (HC Detector) and alarms shall be installed at various risk prone location.
- iii. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous chemicals Rules, 1989 as amended in 2000 for handling of hazardous chemicals. Necessary approval from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. shall be obtained. Requisite On-site and Off-site Disaster Management Plan shall be prepared and implemented. Regular mock drill shall be carried out for both on-site and off-site plans. All necessary safety precautions shall be undertaken to prevent any accident.
- iv. The internal floating roof tank shall be provided with double seals with minimum vapour recovery of 96%. Material of seal and construction shall ensure high performance and durability. Inspection and maintenance of storage tanks shall be carried out under strict control. For the inspection, APIRP 575 may be adopted. In service inspection with regard to seal gap shall be carried out once in every six months and repair to be implemented in short time. In future, possibility of on stream repair of both seals will be examined.
- v. The design, inspection, testing and safety aspects of operation and maintenance of terminal shall be governed by OISD -118 guidelines.
- vi. The fire water facilities at the terminals must be designed as per OISD-117 guidelines. However, for fighting prolonged fires, the company shall firm up a plan for assured water supply from near by ground water source/ surface water source. This must be complied before commissioning the project.
- vii. The solid waste generated shall be disposed off in the secured landfill site within the Digboi premises. The ground water quality around the secured landfill site shall be monitored regularly and data submitted to the Ministry/CPCB/SPCB.

B. GENERAL CONDITIONS:

- i. No further expansion or modernization in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.

6.0. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


(Dr. P. L. Ahujarai)
Director

Copy to:-

1. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
2. Chairman, Assam Pollution Control Board, Guwahati-781021, Assam, India.
3. Chief Conservator of Forests, Regional Office (NEZ), Upland Road, Laitumkhrah, Shillong – 793 003
4. The Commissioner, Secretary, Science and Technology and Environment Department, Assam Civil Secretariat, Dispur, Gauhati-6
5. Adviser(EI), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Director, Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.

1
(Dr. P. L. Ahujarai)
Director