

(245)

No. J-11011/5/2002- IA II (I)
Government of India
Ministry of Environment & Forests

E mail: plahujarai@yahoo.com

Tel No. 436 3973
Paryavaran Bhawan,
CGO Complex, Lodi Road,
New Delhi - 110 003
Dated the May 1, 2002

To

The GM (S&EP),
Indian Oil Corporation Limited
Refineries Division, SCOPE complex, core-2
7, Institutional Area, Lodi Road,
New Delhi- 110003

Sub: Installation of Facilities for Improvement of HSD Quality and Distillate Yield (OHCU) and MS Quality Improvement (MSQI) at Haldia Refinery by M/s IOCL in district Midnapore, West Bengal.

Sir,

This has reference to your communication No. EP/E C-APPL dated 23.01.2002 along with filled-in questionnaire, EIA /EMP report, risk analysis report, CD containing all the above documents and subsequent information furnished by you vide letters dated 8&19.02.2002 and 20.03.2002 on the above-mentioned project. The Ministry of Environment and Forests has carefully examined your application. It is observed that the proposal envisages installation of facilities for Improvement of Distillate Yield (1.7 MMTPA) and HSD quality and MS Quality Improvement (0.45 MMTPA) at Haldia refinery. Land area required for the OHCU and MS quality Improvement Projects is 74.54 ha. and 15.54 ha. respectively. The units will be installed within the existing refinery complex. No land acquisition and displacement of people is involved. Water requirement will be met from the Geonkhali Public health Engineering Department, Haldia for which permission has been obtained on 23rd July, 2001. NOC from the West Bengal State Pollution Control Board has been obtained on 30th July, 2001. The public hearing panel has considered the proposals in its meeting held on 18th July, 2001. Estimated cost of Improvement of HSD Quality and Distillate Yield is Rs. 1518 crores and MS Quality Improvement Project (MSQI) is Rs. 310 crores respectively.

2.0. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 27th January, 1994 as amended on 04.05.94 and 10.04.97 subject to strict compliance of the following specific and general conditions.

A. SPECIFIC CONDITIONS:

- i. The company shall ensure strict implementations / compliance of the terms and conditions mentioned vide Ministry's letters No. J-11011/39/96-IA.II(I) dated 18.12.96, J-11011/99/96-IA.II(I) dated 01.10.1997 and J-11011/28/2000-IA.II (I) dated 21st August, 2000.

3/5

-2-

- ii. The company shall also ensure that the total SO₂ emission from the Haldia refinery (including expansion of OHCU & MS Quality Improvement Project) will not exceed 1466 Kg/hr.
- iii. Additional water requirement should be met from the Geonkhali Water Supply Scheme. There should be no further drawl from the ground.
- iv. The ETP load should be within the design capacity of 540m³/hr. The total quantity of effluent generation should not exceed 446 m³/hr as indicated in the EMP of which 150m³ treated effluent should be recycled and rest 296 m³/hr should be discharged after proper treatment. The treated effluent should comply with the prescribed standards.
- v. The oily sludge generated from the refinery operation should be subjected to melting pit treatment for recovery of oil. The recovered oil should be recycled. The residual oily sludge should be disposed off in the HDPE lined pits. The spent catalyst should be sent to supplier for metal recovery.
- vi. Oil spill response facilities should be in place, in accordance with OISD guidelines with regard to the likely risks associated with transportation of finished products by Hoogly-Sea route.
- vii. Green belt of adequate width and density should be provided to mitigate the effects of fugitive emission all around the plant in consultation with the local DFO. The bio-sludge should be used as manure in the green belt development.
- viii. Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act and the West Bengal Factories Rules.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the West Bengal State Pollution Control Board and the State Government.
- ii. No further expansion or modernization in the plant should be carried out without prior approval of the Ministry of Environment and Forests.
- iii. The company shall implement all recommendations made in the EMP and risk Analysis reports.
- iv. At no time, the emissions should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the respective unit should be immediately put out of operation and should not be restarted until the desired efficiency has been achieved.

- v. The overall noise levels in and around the plant area should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vi. The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous chemicals Rules, 1989 as amended in 1994 and 2000. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained.
- vii. 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, 1994 and 2000. Authorization from the State Pollution Control Board must be obtained for collections/treatment/storage/disposal of hazardous wastes.
- viii. 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.
- ix. The stipulated conditions will be monitored by the Regional of this Ministry at Bhubaneswar/Central Pollution Control Board/State Pollution Control Board. A six monthly compliance report and the monitored data should be submitted to them regularly.
- x. The Project Proponent should 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 should 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 should be forwarded to the Regional office.
- xi. The Project Authorities should 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.

3.0. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

4.0. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.

5.0. 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 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

P. Ahujara
(Dr. P. L. Ahujara)
Addl. Director

Copy to:-

1. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
2. Chairman, West Bengal Pollution Control Board, Parivesh Bhawan, 10A Block-LA Sector-III, Salt Lake, Calcutta- 700091.
3. Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment and Forests A-3 Chandrashekharapur, Bhubaneshwar - 751 023
4. Secretary, State Department of Environment, Govt. of West Bengal, Calcutta.
5. Adviser (EI division), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.

P. Ahujara
(Dr. P. L. Ahujara)
Addl. Director