

No.J.11011/28/2000-LA II
Government of India
Ministry of Environment & Forests

Paryavaran Bhavan, CGO Complex,
Lodi Road, New Delhi-110003

Telephone No.4363973

Dated August 21, 2000

To,

The Chairman & Managing Director
M/s Indian Oil Corporation Limited
Refineries Division, SCOPE complex, core-2
7, Institutional Area, Lodi Road,
New Delhi-110003

Sub: 2nd vacuum distillation unit (capacity 2 MMTPA) and Catalytic ISO-Dewaxing unit (capacity 0.2 MMTPA) at 7.5 MMTPA crude processing level at Haldia refinery by M/s Indian Oil Corporation Ltd at village Haldia, District Midnapore, West Bengal - environmental clearance req.

Sir,

This has reference to your communication No. EP/E C-APPL dated 25.05.2000 and subsequent information furnished by you vide letters dated 27.06.00, 20.07.00 and 03.08.00 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 a new Vacuum Distillation Unit (VDU) of 2MMTPA and Catalytic ISO-Dewaxing unit (capacity 0.2 MMTPA) at 7.5MMTPA crude processing level at Haldia refinery. The units will be installed within the existing refinery complex. NOC from the West Bengal State Pollution Control Board has been obtained on 16th May, 2000. The public hearing panel has recommended the expansion proposal in its meeting held on 28th January, 2000.

2.0. The Ministry of Environment and Forests hereby accords environmental clearance to the 2nd Vacuum Distillation Unit (VDU) of 2MMTPA and Catalytic ISO-Dewaxing unit (capacity 0.2 MMTPA) at 7.5MMTPA crude processing level at Haldia refinery 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.

SPECIFIC CONDITIONS:

- i. The SO₂ emission from the refinery unit including the proposed 2nd VDU and CIDW should not exceed 1340 kg/hr.
- ii. The ETP load should be within the design capacity of 540m³/hr. The total quantity of effluent generation should not exceed 414 m³/hr as indicated in the EMP of which 150m³ treated effluent should be recycled and rest 264 m³/hr should be discharged after proper treatment. The treated effluent should comply with the prescribed standards.

- iii. 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 from CIDW unit should be sent to supplier for metal recovery.
- iv. 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.
- v. 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 from biotreater should be used as manure in the green belt development.
- vi. 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.

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. 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.
- iv. 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).
- v. The project authorities must strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in October, 1994 for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives must be obtained before commission of the project.
- vi. 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.
- vii. 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.

- viii. 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 and Forests at <http://WWW.envfor.nic.in>. This should be advertised in at least two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.
- ix. 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)
Joint 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), 194, Karvel Nagar, Bhubaneswar-751001.
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. Additional Director (Monitoring Cell), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.

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(Dr. P. L. Ahujara)
Joint Director