

F No J-11011/381/2007-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 : pb.rastogi@nic.in
Telefax : 011: 2436 7668
Dated 24th January, 2011

To

Shri Vishal Sanke (CEO)
M/s Privilege Industries Ltd.
HDIL Tower, 5th Floor, Anant Kanekar Marg,
Bandra (E), Mumbai - 400051

E-mail : info@privilegindustries.com; Fax No. : 91-22-67888383

Subject : Grain based Distillery Plant (R.S and ENA; 100 KLD) with CPP (4.0 MW) at Plot No. B-1,
Lonanad Industrial Estate, MIDC Industrial Area, Lonand, District Satara, Maharashtra
by M/s Privilege Industries Ltd. – Environmental Clearance reg.

Ref. : Your letter no. nil dated 30th July, 2010.

Sr

Kindly refer your letter dated 30th July, 2010 alongwith project documents including Form I, Terms
of References, Pre-feasibility Report, EIA/EMP Report and subsequent revised EIA report submitted vide
letter dated 8th November, 2010 regarding above mentioned project

2.0 The Ministry of Environment and Forests has examined the application. It is noted that proposal is
for setting up of grain based Distillery Plant (R.S and ENA; 100 KLD) with Captive Power Plant (4.0 MW)
at Plot No. B-1, Lonanad Industrial Estate, MIDC Industrial Area, Lonand, District Satara, Maharashtra.
Land available for the project is 20.015 acres (8.07 ha). No forest land and R & R are involved. No
wildlife sanctuary/reserve forest or archeological monument is located within 10 Km. Total project cost is
Rs. 103.50 Crores

3.0 ESP alongwith adequate stack height will be provided to boiler. Total water requirement from
MIDC will be 1,536 m³/day. Spent wash (250 m³/day) will be treated through Up flow Anaerobic Sludge
Blanket (UASB) followed by Reverse Osmosis (RO) and Multiple-Effect Evaporator (MEE) to make
DWGS to achieve 'Zero' discharge. Distillers Wet Grains Soluble (DWGS) will be incinerated in the
boiler. Effluent generated from washing, boiler blow down, cooling tower blow down, WTP wash etc will
be treated in effluent treatment plant (ETP). Fly ash will be used for brick manufacturing.

4.0 Public hearing/ Consultation is exempted as project is located in Notified Industrial Area as per
Section 2 (i) (ii) Stage (3), Para (i) (b) of EIA Notification, 2006

5.0 All cane juice/non molasses based distillery (>30 KLD) are listed at S.N. 5(g) (ii) under category
A and appraised at Central level

6.0 The proposal was considered by the Expert Appraisal Committee (Industry 2) in its 16th meeting
18th - 19th November, 2010. The Committee recommended the proposal for environmental clearance.

7.0 Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions

A. SPECIFIC CONDITIONS:

- i) Environment clearance accorded is for grain based distillery unit (100 KLPD) only and no molasses based distillery unit shall be set up without prior permission from the Ministry.
- ii) Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. As proposed, ESP alongwith stack of adequate height should be provided to the boiler to control particulate emission within 100 mg/m³. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- iii) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- iv) In-plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records shall be maintained. The emissions shall conform to the limits imposed by MPCB.
- v) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
- vi) The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its 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 Maharashtra Pollution Control Board. The levels of PM₁₀, PM_{2.5}, SO₂, NO_x and HC (Methane) in ambient air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.
- vii) Total freshwater requirement from MIDC supply water shall not exceed 1,536 m³/day and prior permission shall be obtained from concerned authority/agency and a copy submitted to the Ministry's Regional Office at Bhopal within 3 months of issue of environment clearance. No ground water shall be used within the factory premises.
- viii) Spent wash generation shall not exceed 250 m³/day. As proposed, spent wash shall be treated through UASB followed by RO and MEE to make DWGS to achieve Zero discharge. DWGS shall be incinerated in the boiler. Spentlees and utility's wastewater shall be treated in ETP. Treated effluent shall be recycled and reused. Performance of ETP shall be monitored regularly and maintained. No effluent shall be discharged outside the premises and 'Zero' discharge shall be adopted.
- ix) Spent wash shall be stored in impervious lagoon with HDPE lining as per CPCB guidelines and shall be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash lagoon shall be as per CPCB recommendations.

- x. Adequate numbers of ground water quality monitoring stations shall be set up to monitor pH, BOD, COD, Chloride, Sulphate and suspended solids by providing piezometers around the project area. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the Ministry's Regional Office at Bhopal and MPCB.
- xi. A copy of Memorandum of Understanding (MoU) signed with the coal suppliers shall be submitted to the Ministry and its Regional Office at Bhopal within six months.
- xii. Fly ash and bottom ash shall be utilized as per Fly Ash Notification, 1999 and subsequent amendments issued time to time.
- xiii. Fire fighting system shall be as per the OISD 117 norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for fire fighting shall be made to control fire from the alcohol storage tank.
- xiv. Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Bhopal within six months.
- xv. Green belt shall be developed in 6.6 acres (33 %) out of the total 20.015 acres.
- xvi. Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.

B. GENERAL CONDITIONS:

- i. The project authorities shall strictly adhere to the stipulations made by the Maharashtra Pollution Control Board.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the Maharashtra Pollution Control Board (MPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. 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 Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- v. The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.

- vi. The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from SPCB shall be obtained for disposal of solid / hazardous waste including boiler ash.
- vii. During transfer of materials, spillages shall be avoided and gulland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.
- viii. Usage of Personnel Protection Equipments by all employees/workers shall be ensured.
- ix. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- x. The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
- xi. The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.
- xii. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xiii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xiv. As proposed, the company shall earmark adequate funds for capital cost and recurring cost per annum 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 earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- xv. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.
- xvi. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance 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 Maharashtra Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xvii. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Maharashtra 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 environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by e-mail.
- xviii. 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 SPCB/Committee and may also be seen at Website of the Ministry at <http://envfor.nic.in>.

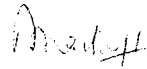
This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

- xix 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 start of the project.

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

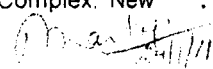
9.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner will implement these conditions.

10.0 The above conditions will be enforced inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003/ 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


(Dr. P. B. Rastogi)
Director

Copy to -

- 1 The Principal Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 400 032
- 2 The Chief Conservator of Forests (Central), Regional Office (Northern Zone) Bay No 24-25, Sector 31-A Dakshim Marg Chandigarh-160030
- 3 The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032
- 4 The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp One Planet, Sion Circle, Mumbai-400 022
- 5 The Adviser IA II(I), 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/Monitoring File/Record File.


(Dr. P. B. Rastogi)
Director