

REGD. POLLUTION CONTROL COMMITTEE
POLLUTION CONTROL COMMITTEE
Daman & Diu and Dadra & Nagar Haveli
11/11/2018
No. 11324
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Date 07/09/18

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**UT ADMINISTRATION OF DAMAN AND DIU
OFFICE OF THE CONSERVATOR OF FOREST**

FTSNO. 188/DCF/2018 MOTI DAMAN, DAMAN

F.No:DCF/DMN/EIA/579/2014/16

Dated: 27th August, 2018

To,

M/s. Khemani Distilleries Pvt. Ltd.,
Kachigam Road, Ringanwada,
Nani Daman,
Daman.

Sub: **Expansion of Grain based distillery (33 KLPD to 59 KLPD) and installation of 3.75 MW Co-generation power plant at Ringanwada, Kachigam Road, Daman - 396 210 -reg.,**

Ref: Your Online Proposal No. SIA/DD/IND2/27685/2018

Sir,

This has reference to your online proposal No. SIA/DD/IND2/27685/2018 dated 01st February, 2018 along with project document namely, EIA / EMP report containing the public hearing details for the above mentioned project.

2. The Union Territory Expert Appraisal Committee (UTEAC) has examined the proposal for grant of Environment Clearance to the project for Expansion of Grain based distillery (33 KLPD to 59 KLPD) and installation of 3.75 MW Co-generation power plant at Ringanwada, Kachigam Road, Daman (UT).

3. This proposal was received on 01st February, 2018 and same was forwarded to UTEAC on 02nd February, 2018.

27/4/9
MS, PCC

4. The Meeting of the Union Territory Expert Appraisal Committee was held on 05th March, 2018. The UTEAC has proposed the ToRs and general Guidelines for undertaking EIA Study.

5. The final EIA Report submitted vide letter dated 06th June, 2018 was placed for screening in the meeting dated 25th July, 2018.

6. The project / activity is covered under Category B of the item 5(g) Distilleries' of Schedule of Environmental Impact Assessment (EIA) Notification, 2006 and requires appraisal at UT level committee.

7. The ToR for the project was granted on 5th March, 2018 and public hearing was conducted by the Pollution Control Committee on 21st May, 2018.

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8. The proposal was considered by the Expert Appraisal Committee (Industry - 2) in its IInd and IIIrd meeting held on 25th July, 2018 and 13th August, 2018 respectively. The project proponent and their consultant M/s. Anacon Labs have presented EIA /EMP reports as per the ToR. The Committee has recommended the proposal for grant of environmental clearance.

Shri. M. S. P. C. C.

कर्मचारी मुख्यालय
O/o. the C.O. Conservator of Forests
MOTI DAMAN

Inward No. 934 Dtd 31/8/18
Outward No. 110027 Dtd 05/9/18

Final
not given

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9. Based on the proposal submitted by the project proponent and recommendations of the Union Territory Expert Appraisal Committee (UTEAC), the Union Territory Environment Impact Assessment Authority (UTEIAA) hereby **accords Environmental Clearance** to the project for Expansion of Grain based distillery (33 KLPD to 59 KLPD) and installation of 3.75 MW Co-generation power plant at Ringanwada, Kachigam Road, Daman under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

(a) Consent to Establish / Operate for the project shall be obtained from the State Pollution Control Board / PCC, DD & DNH as required under the Air (Prevention and Control of Pollution) Act, 1974.

(b) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste / treated water shall be discharged outside the premises.

(c) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhere to.

(d) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB / SPCB guidelines.

(e) Total fresh water requirement shall not exceed 1204 KLD / day to be met primarily from the Canal followed by Ground water subject to the condition that utilization of water resources does not lead to any depletion of ground water table. Prior permission shall be obtained from concerned regulatory authority / CGWA in this regards.

(f) Industrial/trade effluent shall be segregated into High COD / TDS and Low COD / TDS effluent streams. High TDC / COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in the ETP and then through RO System.

(g) The spent wash after evaporation shall be taken for bio-methanization and composted using press mud. The spent lees and evaporator condensate shall be provided physic chemical treatment for the treated water to be reused for dilution of molasses or in cooling tower as make up water.

(h) Process effluent / any waste water shall not be allowed to mix the storm water. Strom water drain shall be passed through guard pond.

(i) Hazardous chemicals, if any, shall be stored in tanks, tanks farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.

(j) Process organic residue and spent carbon, if any, shall be sent to cement industries ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDP.

E. P. V. /

(k) The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

(l) The Company shall undertake waste minimization measures as below:-

- i. Metering and control of quantities of active ingredients to minimize waste.
- ii. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
- iii. Use of automated filling to minimize spillage.
- iv. Use of Close Feed system into batch reactors.
- v. Venting equipments through vapour recovery system.
- vi. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

(m) The green belt of 5-10 m width shall be developed in more than 30% of the total project area, mainly along the plant periphery, in downward with direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in the consultation with the Forest Department, Daman & Diu.

(n) At least 1% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the PCC, DD&DNH.

(o) All the commitments made regarding issues raised during the public hearing/consultation held on 21st May, 2018 shall be satisfactorily implemented.

(p) At of the total project cost shall be allocated for Enterprise Social Commitment based on public hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the PCC, DD&DNH.

(q) For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG Set for controlling the noise pollution.

(r) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.

(s) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

(t) There shall be adequate space inside the premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(u) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

(v) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB/PCC, DD & DNH server. For

