

MAHARASHTRA POLLUTION CONTROL BOARD

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Red/L.S.I

Date: 18/07/2012

Consent No: BO/JD (WPC)/EIC-PN-14479 & 14480-12/O/CC-CAC-529

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M, H & TM) Rules respectively].

CONSENT is hereby granted to

Privilege Industries Limited.,
(Grain Based Distillery Division & Bottling Plant)
Plot No.B-1,MIDC Lonand,Tal-Khandala,
Dist-Satara-415521

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M, H & TM) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

0. The Consent to Operate is granted for a period up to: 31.03.2013.
0. The Consent is valid for the manufacture of -

| Sr. No. | Product Name | Maximum Quantity | UOM |
|---------|--|------------------|---------|
| 1 | Rectified spirit & Extra Neutral Alcohol | 100 | KL/D |
| 2. | Country Liquor | 150750 | Cases/M |
| 3. | IMFL | 150750 | Cases/M |

0. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 415.00 M3.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 47.00 M3.
- (iii) Trade Effluent:

Treatment: The applicant shall provide comprehensive treatment system consisting of primary/secondary and/or tertiary treatment as is warranted with reference to influent quality and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

| | | | |
|---|----------------------|---------------|-----------|
| 1 | pH | Between | 5.5 to 9 |
| 2 | Suspended Solids | Not to exceed | 100 mg/l |
| 3 | BOD 3 days 27 Deg. C | Not to exceed | 100 mg/l |
| 4 | COD | Not to exceed | 250 mg/l |
| 5 | Oil & Grease | Not to exceed | 10 mg/l |
| 6 | T.D.S. | Not to exceed | 2100 mg/l |
| 7 | Sulphates | Not to exceed | 1000 mg/l |
| 8 | Chlorides | Not to exceed | 600 mg/l |

For Spent Wash (250 CMD): The applicant shall provide comprehensive treatment system consisting of Multiple Effect Evaporator and the concentrated spent wash shall be incinerated in the Boiler along with bagasse. The arrangement shall be leak proof and no effluent of leakages / seepages shall find its way into environment, thereby causing pollution of surface or ground water. In no case, trade effluent shall find its way to local nalla.

For bottling plant (235 CMD) : Industry shall recycle the R.O permeate to the tune of 180 M3/Day back in the process and remaining RO reject of 55 M3/Day shall be sent for further treatment.

(ii) **Trade Effluent Disposal:** The treated effluent shall be recycled to the maximum extent and excess, if any, shall be used on land for gardening /plantation within own premises only. In no case, trade effluent shall find its way to local nalla.

(ii) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

| | | | | |
|-----|-------------------|---------------|-----|-------|
| (1) | Suspended Solids | Not to exceed | 100 | mg/l. |
| (2) | BOD 3 days 27o C. | Not to exceed | 100 | mg/l. |

(v) **Sewage Effluent Disposal:** The treated sewage effluent shall be soaked into soak pit which shall be got cleaned periodically. Overflow if any shall be used on land for gardening /plantation only.

(v) **Non-Hazardous Solid Wastes:**

| Sr. No. | Type Of Waste | Quantity | UOM | Treatment | Disposal |
|---------|-------------------------------|----------|--------|-----------|---------------------------|
| 1 | Distillers wet grain solution | 265.00 | MT/Day | | By Sale |
| 2 | ETP Sludge | 10.00 | MT/A | | Used for landfill/ manure |

(viii) **Other Conditions:**

- 1) Industry should monitor effluent quality regularly.
- 2) Spent grain shall not be stored for more than 24 Hrs. & moisture content should be less than 5% by dry basis, it should not cause any smell nuisance in the surrounding area.

2. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

| | | |
|---|-----|-------------|
| (i) Domestic purpose | ... | 47.50 CMD |
| (ii) Water gets Polluted & Pollutants are Biodegradable | ... | 775.00 CMD |
| (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 0.00 CMD |
| (iv) Industrial Cooling, spraying in mine pits or boiler feed | ... | 1127.00 CMD |

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. CONDITIONS UNDER AIR ACT:

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

Control Equipment: ESP of adequate capacity shall be provided to limit the air emissions.

Standards for Stack Emissions:

| | | | | |
|---|-----------------|---------------|-----|--------------------|
| 1 | SPM/TPM | Not to exceed | 150 | mg/Nm ³ |
| 2 | SO ₂ | Not to exceed | 840 | Kg/day |

- (i) The applicant shall observe the following fuel pattern:-

| Sr. No. | Type Of Fuel | Quantity | UOM |
|---------|--------------|----------|-----|
| 1 | Coal | 80.00 | MT |
| 2 | Diesel | 250.00 | MT |

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

| Sr. No. | Chimney Attached To | Height in Mtrs. |
|---------|---------------------------|-----------------|
| 1 | Boiler(2 no.s-24+ 8 TPH) | 50.00 |
| 2 | D.G.Set(1500 KVA x 3 nos) | 4.50 * |

(* above the roof of the building where the DG set is installed)

- (iii) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- (iv) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- (v) Other Conditions:
- 1) The industry should not cause any nuisance in surrounding area.
 - 2) The industry should monitor stack emissions and ambient air quality Regularly.

6. Conditions for D.G. Set

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- d. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

- e. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- . D.G. Set shall be operated only in case of power failure
- . The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

2. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:

- () The Industry shall handle hazardous wastes as specified below.

| Sr. No. | Type Of Waste | Quantity | UOM | Disposal |
|---------|---------------------|----------|-----|---------------------------|
| 1 | 5.1 Used /spent oil | 15.00 | MT | Sale to auth. reprocessor |

Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.

The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.

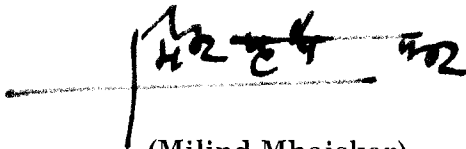
7. General Conditions:

- () The applicant should bring minimum 33% of the available open land under green coverage/ plantation. The applicant should submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
- (ii) The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- (iii) The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. The applicant should not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent/ emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
- (iv) The firm should submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
- (v) The applicant should install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment should be maintained. The applicant should also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.
- (vi) Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent should find its

way other than in designed and provided collection system. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.

- (vii) The applicant should provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and should pay to the Board for the services rendered in this behalf. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.
- (viii) The industry should ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- (ix) The applicant should maintain good house keeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- (vi) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
7. The Industry shall comply with the hazardous Waste (Management, Handling & Trans Boundary Movement) Rules, 2008.
7. Industry shall submit Bank Guarantee of Rs. 2.0 Lakhs towards the compliance of the Interim Directions issued by the Board dt. 30.11.2011 by 31.10.2012. The Bank Guarantee shall be submitted within 15 days at Regional Office Pune.
7. This Consent is issued pursuant to the decision of the Consent Appraisal Committee meeting of the Board held on 03.07.2012.
12. The Capital investment of the industry (Grain Base Distillery Unit and Bottling Plant) is Rs. 148.62 Crores.

For and on Behalf of the
Maharashtra Pollution Control Board,


(Milind Mhaiskar)
Member Secretary

To,
Privilege Industries Limited (Distillery Division)
Plot No.B-1,MIDC Lonand,
Tal-Khandala, Dist-Satara -415521

Copy to: RO, MPCB, Pune / SRO, MPCB, Satara / CAO / Cess Branch/ Master File

Received Consent fee of -

| Sr. No. | Amount(Rs.) | DD. No. | Date | Drawn On |
|---------|-------------|---------|-------------|----------|
| 1 | 232655/- | 000040 | 17 Mar 2012 | IDBI |
| 2 | 22185/- | 000273 | 25 Apr 2012 | IDBI |
| 3 | 50000/- | 000022 | 04 Jan 2012 | IDBI |