

# MAHARASHTRA POLLUTION CONTROL BOARD

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Near Sion Circle, Sion (E), Opp.  
Cineplanet,  
Near Sion Circle, Sion (E),  
Mumbai- 400 022

Red/L.S.I

Date: 18/02/2013

Consent No: BO/JD (WPC)/EIC No. NK-12995-13/CC- 1490

Consent to Establish under Section 25 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

M/s. John Distilleries Pvt. Ltd  
A/P. Chitali, Tal- Rahata  
Dist. Ahmednagar - 413723

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:

1. The Consent to Establish is granted for a period up to: Commissioning of the unit Or 5 Years whichever is earlier.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Rectified Spirit	25	KL/D

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 237.50M<sup>3</sup>.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 30.00M<sup>3</sup>.

#### (iii) Trade Effluent Treatment:

The applicant will provide comprehensive treatment consists of bio-methanisation followed by RO, Dryer & incineration system to achieve zero discharge. The arrangement shall be leaked proof and no effluent or leakages/seepages shall find its way into environment thereby causing pollution of surface/ground/generated water.

(iv) **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. |

(vi) **Sewage Effluent Disposal:** The treated sewage effluent shall be disposed on land for gardening within factory premises only.

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	Boiler Ash	11.00	MT/Day	Sale to Brick mfg
2	Fermented Sludge	2.00	MT/Day	Sale to Farmer as manure

(viii) **Other Conditions:** Industry should monitor effluent quality regularly.

#### 4. CONDITIONS FOR MOLASSES STORAGE:

- i) The molasses shall be properly collected and stored in steel tanks which shall be absolutely leak proof. At no stage of handling of molasses, there shall be leakage or spillage.
- ii) The capacity of tanks for storage of molasses shall be such that at no time the molasses shall be required to be stored in kutcha pits. Adequate space storage capacity shall be available to take care of bumper production of sugar, non-lifting of molasses etc.
- iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.
- iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board, intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.
- v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tones shall be displayed prominently near the tank.
- vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation, 1965".
- vii) The industry should monitor effluent quality regularly.

5. 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 ... 30.00 CMD
- (ii) Water gets Polluted & Pollutants are Biodegradable ... 480.00 CMD
- (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic ... 0.00 CMD
- (iv) Industrial Cooling, spraying in mine pits or boiler feed ... 636.00CMD

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.

**6. 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:**

- a) Wet scrubber/ dust collector of sufficient capacity shall be provided to the source of particulate matter emission section to limit the following standard.

**b) Standards for Stack Emissions:**

1) SPM	Not to exceed	150	mg/Nm <sup>3</sup>
2) SO <sub>2</sub>	Not to exceed	924	kg/day

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Bagasse	21000.00	Kg/Hr.
2	Diesel	203.00	Litr/Hr.
3	Coal	1750.00	Kg/Hr.

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler	30.00
2	Boiler	45.00
3	D.G. Set (1010 KVA)	5.00 above the roof where it is installed.

- (iv) 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.

- (v) 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.

**(vi) 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.

**7. 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. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. 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.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG set manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

**8. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:**

(i) The industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
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1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008.
  - a. 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.

- b. 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.
- c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.

9. Industry shall submit Bank Guarantee of Rs. 2.0 Lakh towards provision of equipments to achieve zero discharge by way of concentration and incineration. The Bank Guarantee shall be submitted within 15 days to Regional Office Nashik, valid for the further period of one year.

10. Industry shall not take effective steps prior to obtain Environmental Clearance as per EIA Notification, 2006.

11. This consent is issued with pursuant to the decision of consent committee meeting held on 02.02.2013.

12. The Capital investment of the industry is Rs. 43.96 Cr.

13. The consent shall not be construed as any exemption from obtaining necessary No. Objection Certificate from other Govt. agencies as may be deemed fit necessary.

14. The Board reserves the right to amend or add any condition in this consent and same shall be binding on the applicant.

For and on Behalf of the  
Maharashtra Pollution Control Board,

  
(Rajeev Kumar Mital, IAS)  
Member Secretary

To,  
M/s. John Distilleries Pvt. Ltd.  
A/P. Chitali Tal. Rahata  
Dist. Ahmednagar, Maharashtra  
Ahmednagar - 413723

Copy to:  
Regional Officer, MPCB, Nashik.  
Sub-Regional Officer, MPCB, Ahmednagar.  
CAO / Cess wing

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	100	302842	27 Nov 2012	Bank of Maharashtra
2	125000	606201	08 Dec 2012	SBI Bank