

# MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2nd, 3rd & 4th Floor,

Opp. Cineplanet, Near Sion Circle,

Sion (E), Mumbai-400022

*Red/L.S.I*

*Consent No: MPCB/RO(HQ)/MU-5504-14/CC/CR/CC-1960 Date: 03/03/2014*

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) Rules respectively].

CONSENT is hereby granted to

M/s. V-Hotels Ltd.,  
(Formerly M/s The Tulip Star Hotel),  
Juhu Tara Road, Juhu, Mumbai-400 049.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(MH & 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 Operate is granted up to - 30/05/2016.
2. The Consent to Operate is valid for operation of hotel activity including lodging, boarding, swimming pool with 367 rooms Hotel project of M/s V Hotels Ltd., (Formerly M/s The Tulip Star Hotel), Juhu Tara Road, Juhu, Mumbai-400 049 on Total Plot Area of 24,706 sq.m and Total BUA of 51531.43 sq.m.

Sr. No.	Product Name	Maximum Quantity	UOM
1	Hotel Activity with Lodging, Boarding & Swimming Pool	367	Rooms

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the Project shall not exceed 80.0M<sup>3</sup>.
- (ii) The daily quantity of sewage effluent from the Project shall not exceed 115.0 M<sup>3</sup>.
- (iii) **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	pH	Not to exceed	6.5 to 9.0
2	Suspended Solids	Not to exceed	100 mg/l.
3	BOD 3 Days 27 degree C	Not to exceed	100 mg/l.
4	Fecal Coliform	Not to exceed	500/100/1 mg/l.
5	Detergent	Not to exceed	01 mg/l.
6	Floating matters	Not to exceed	10 mg/l

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be reused to the maximum extent and used for secondary purposes such as flushing, fire fighting and cooling of Air conditioners. Remaining if any shall be used on land for gardening in own premises. In no case effluent shall find its way to any water body directly/ indirectly at any time.

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

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
-----N.A.-----					

(viii) **Other Conditions:-**

1. The Industry shall monitor effluent quality regularly
2. The industry shall monitor ambient air quality & stack monitoring regularly.

4. **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	...	145.00 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	150.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	...	0.00 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 may install 03 nos. of diesel generating sets (DG Sets), of capacity 500 KVA shall be equipped with comprehensive control system as is warranted with reference to generations of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. **Standards for Emissions of Air Pollutants:**

(i) SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
(ii) SO <sub>2</sub> (DG Set)	Not to exceed	3.6 Kg/day

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

Sr. No.	Type Of Fuel	Quantity	UOM
1.	LPG	150	Kg/day
2.	Coal	75	Kg/day

3.	Furnace Oil	500	Lit/day
4.	HSD	30	Lit/day

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

(iv)

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	Hot Water Generator(2 nos)	30 each
2.	D.G. Set (500 KVA*3 nos)	5 each
3.	Boiler(3 nos)	30 each

(v) 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 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.

(vi) Other Conditions:

- a) 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.

(vii) **Conditions for Utilities like Kitchen, Eating Places etc:**

1. The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
2. The toilet shall be provided with exhaust system connected to chimney through ducting.
3. The air conditioner shall be vibration proof and the noise shall not exceed 68 dB (A).
4. The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such way that no nuisance is caused to neighbors.

(viii) The Applicant shall take adequate measures for control of noise levels from its own sources within the complex (residential cum Commercial) in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Daytime is reckoned as between 6 a.m. to 10 p.m. and Nighttime is reckoned between 10 p.m. to 6 a.m.

(ix) Construction equipments generating noise of less than 65/90 db(A) are permitted.

(x) No construction work is permitted during nighttime.

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

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
-----N.A.-----				

i. The industry shall submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Wastes (M, H & T) Rules, 2008 for the preceding year April to March in Form - IV by 30<sup>th</sup> June of every year.

(ii) It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (MH & TM) Rules 2008 and shown & submitted to the Board as & when asked for.

(iii) 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. Industry shall comply with following general conditions:**

- ii. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- iii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iv. Solid waste – The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- v. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- vi. The applicant shall 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.
- vii. The applicant shall 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 shall pay to the Board for the services rendered in this behalf.
- viii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- ix. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- x. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- xi. The applicant shall install a separate electric 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 shall be maintained.
- xii. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.

xiii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

8. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the Applicant.

9. The applicant shall obtain specific permission from the M.P.C.Board before restarting the hotel activity.

10. This consent is issued pursuant to the decision of Consent Committee Meeting of the Board held on 24.02.2014.

11. The Capital investment of the industry is Rs. 29.45 Crs.

(Rajeev Kumar Mital, IAS)  
Member Secretary

To,  
M/s. V-Hotels Ltd.,  
(Formerly M/s The Tulip Star Hotel),  
Juhu Tara Road, Juhu, Mumbai-400 049.

Copy to:

1. Regional Officer MPCB-Mumbai and Sub-Regional Officer- MPCB-Mumbai-II- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. Cess Branch, MPCB, Mumbai.
4. Master file.

Reserved Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1.	2,25,100	061620	22/11/2013	Axis Bank