

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point,
2nd , 3rd & 4th floor,
Opp. Cineplanet,
Near Sion Circle, Sion (E),
Mumbai - 400 022.

Red/LSI

Consent No. BO/RO-Mumbai/AS(T)/EIC-MU-2637-11/R/CC-CAC-159

Date: 17/01/2012
42/2011

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) Rules 1989 and Amendment Rules, 2003. [To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. Juniper Hotels Pvt. Ltd.,
CTS No. 3454A to 3454E,
Vill. Kole Kalyani, Vakola,
Santacruz (E), Mumbai-055.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) 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 for a period up to 30.06.2016.

2. The Consent is valid for -

<u>Sr.No.</u>	<u>Product</u>	<u>Maximum Quantity</u>
1.	Hotel Activity – Rooms (Restaurants, Food items, Laundry activity)	---

3. CONDITIONS UNDER WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974:

- (i) The daily quantity of trade effluent shall not exceed 178 M³.
(ii) The daily quantity of sewage effluent from the factory shall not exceed 600 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 operate and maintain the sam continuously so as to achieve the quality of treated effluent to the following standards: -

1)	pH	Between	5.5 to 9.0
2)	Suspended Solids	Not to exceed	100 mg/l.
3)	BOD 3 days 27 Deg. C.	Not to exceed	30 mg/l.
4)	Oil & Grease	Not to exceed	10 mg/l.
5)	Total Suspended Solids	Not to exceed	50 mg/l.
6)	Chlorides	Not to exceed	600 mg/l.
7)	Phosphate as P	Not to exceed	1 mg/l.
8)	Residual Chlorine	Not to exceed	1 mg/l.
9)	Detergent	Not to exceed	1 mg/l.

- (iv) Trade Effluent Disposal: The total treated effluent shall be 80% recycled and reused for flushing, fire fighti and ccooling, air conditioning purpose and remaining shall be discharged into municipal sewer. In no cas effluent shall find its way into any water body directly/ indirectly at any time.

- (v) **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 27° C.	Not to exceed	100	mg/l.

- (vi) **Sewage Effluent Disposal :** The treated domestic effluent shall be recycled/reused in the process and remaining shall be discharged into municipal sewer.

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

<u>Sr. No</u>	<u>Type of waste</u>	<u>Quantity</u>	<u>Treatment & Disposal</u>
1.	Bio-degradable waste	600 kg/day	Approved site for composting
2.	Non-biodegradable waste	500 kg/day	Sale
3.	STP Sludge	15 kg/day	Used as manure in your premises

- (viii) **Other conditions:** The industry shall monitor effluent quality regularly.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 as amended in 2003 (to be referred as Cess Act) and Rules thereunder:

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

(i) Domestic	...	602	CMD
(ii) Laundry activity	...	178	CMD
(iii) Industrial Cooling/Boiler	...	190	CMD
(iv) Gardening	...	---	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 which is also available on MPCB website at <http://mpcb.mah.nic.in/images/cessform1.pdf>

5. **CONDITIONS UNDER AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981:**

- (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 :

A) Control Equipment : The necessary control equipments shall be provided to limit the air emissions.

B) Conditions for D.G. Set :-

- 1] Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- 2] 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 metres from acoustic enclosure/room and then average.
- 3] 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.
- 4] 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.
- 5] Installation of DG Set much be strictly in compliance with recommendations of DG Set manufacturer.
- 6] 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.
- 7] **D.G. Set shall be operated only in case of power failure.**
- 8] The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

C) Standards for Emissions of Air Pollutants :

(i)	SPM/TPM	Not to exceed	150 mg/Nm ³
(ii)	SO ₂	Not to exceed	18 Kg/Day.

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

<u>Sr.No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
1.	PNG	21.14 T/day
2.	Diesel	500 Lit/day
3.	Coal	50 kg/day

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

<u>Sr.No.</u>	<u>Chimney attached to</u>	<u>Height in Mtrs.</u>
1.	DG Set (3 Nos.)	7.75* each
2.	Boiler (3 Nos.)/HWG	37.5
3.	Kitchen Exhaust	11

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

(iv) **Other Conditions :**

- 1) The applicant should not cause any nuisance in surrounding area.
- 2) The applicant should monitor stack emissions and ambient air quality regularly.

(vi) **Condition for Kitchen:-**

- (a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
- (b) The toilet shall be provided with exhaust system connected to chimney through ducting.
- (c) The air conditioner shall be vibration proof and the noise level shall not exceed 68 dB (A).
- (d) 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.

(ix) 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.

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

(i) The applicant shall not generate any type of hazardous wastes.

7. 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.

8. General Conditions :

1. The applicant shall 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.
2. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
3. 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.
4. 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 and conditions of this consent regarding pollution levels.
5. The applicant shall not change or alter the 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.

6. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
 7. **The applicant shall make an application for renewal of the consent at least 60 days before the date of expiry to the consent.**
 8. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
 9. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 10. The applicant shall 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 shall be maintained.
 11. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow.
 12. 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. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
 13. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
9. **The applicant shall submit an Irrevocable Bank Guarantee of Rs. 5 Lakh valid for one year in favour of Regional Officer, MPCB, Mumbai within 15 days period for submission of Environmental Statement.**
10. **This is issued pursuant to the decision of Consent Appraisal Committee meeting held on 05.12.2011 and 10.01.2012 of the Board.**
11. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
12. **The Hotel authorities shall not carry out expansion of the Hotel without prior permission of the Board.**
13. The capital investment of the project Rs. 517.65 Crs.


(Milind Mhaiskar)
Member Secretary

To,
M/s. Juniper Hotels Pvt. Ltd.,
CTS No. 3454A to 3454E, Vill. Kole Kalyani, Vakola, Santacruz (E), Mumbai-055.

Copy to:

RO-Mumbai /SRO-Mumbai-II / CAO / Cess Branch / Master File

Received Consent fee of -	<u>Amount</u>	<u>D.D.No.</u>	<u>Date</u>	<u>Drawn on</u>
	Rs. 25,88,250/-	025775	29.06.2011	Kotak Mahindra Bank Ltd.,
	Rs. 20,000/-	847115	18.08.2011	Kotak Mahindra Bank Ltd.,
	Rs. 25,10,461/-	081246	28.12.2011	Kotak Mahindra Bank Ltd.,