

MAHARASHTRA POLLUTION CONTROL BOARD

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Red/L.S.I EIC no. PN-14278-12

Date: 29/Jan/2013

Consent No: MPCBHQ/Pune/AS(T)/R/Comb.Con./CC-872

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 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

Mahindra Holiday And Resorts India Ltd.
Gat No. 375, 380, 382-395, 401 & 402,
A/p Tung Village, Tal:- Maval, Dist:- Pune
Maharashtra, India

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: 30/06/2013.
2. The Consent is valid for the manufacture of -

| Sr. No. | Product Name | Maximum Quantity | UOM |
|---------|--|------------------|-------|
| 1 | Hotel Industries - Food and Beverages (star category, Total plot area 1,74,015.53 sq. mtrs & proposed built-up area 15,000 sq. mtrs with swimming pool & laundry activity) | 148 | Rooms |

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be Nil.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 180.00M³.

(iii) Sewage 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 same continuously so as to achieve the quality of the treated effluent to the following standards:

| Sr. no. | Parameters | | Limit |
|---------|----------------------|---------------|------------|
| 1 | pH | Between | 5.5 to 9.0 |
| 2 | Oil & Grease | Not to exceed | 10 mg/l |
| 3 | Suspended Solids | Not to exceed | 100 mg/l. |
| 4 | BOD (3 days 27deg C) | Not to exceed | 30 mg/l. |
| 5 | Detergent | Not to exceed | 1.0 mg/l. |

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be recycled and reused for flushing, fire fighting and cooling air conditioners and gardening etc within 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 |
|---------|---------------|----------|--------|-----------|-----------------|
| 1 | Kitchen waste | 5.00 | MT/M | | Vermicomposting |
| 2 | STP sludge | 100.00 | Kg/Day | | Used as manure |

(viii) **Other Conditions:** Industry should monitor effluent quality 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 | ... | 200.00 CMD |
| (ii) Industrial Processing | ... | --- CMD |
| (iii) Swimming Pool | ... | --- CMD |
| (iv) Industrial Cooling | ... | 05.00 CMD |
| (v) Agriculture/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 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:

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

B. Conditions for D.G. Set

- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- 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

C. Standards for Emissions of Air Pollutants:

1. SPM/TPM Not to exceed 150 mg/Nm³
2. SO₂ Not to exceed 120 Kg/Day

The applicant shall observe the following fuel pattern:-

| Sr. No. | Type Of Fuel | Quantity | UOM |
|---------|--------------|----------|--------|
| 1 | HSD | 5.76 | Kl/day |

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

| Sr. No. | Chimney Attached To | Height in Mtrs. |
|---------|--------------------------|-----------------|
| 1 | DG Set (600 KVA) (3 nos) | 5.00* each |

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

- (i) 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.

(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.

6. Condition for Kitchen:

- (i) The kitchen shall be provided with Exhaust System with Oil catcher connected to chimney through ducting.
- (ii) The toilet shall be provided with exhaust system connected through ducting.
- (iii) The air conditioner shall be vibration proof and noise level shall not exceed 68 dB(A).

(iv) 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 neighbours. 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.

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

Industry shall not generate any type of Hazardous waste.

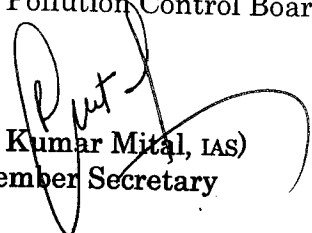
- a. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate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

8. General conditions:

- i. 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.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. 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.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he 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.
- v. 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.
- vi. 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.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. 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 pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

- x. 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.
 - xi. 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.
 - xii. 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.
9. This Board reserves the right to amend, revoke or add any conditions in this consent and same shall be binding on the applicant.
 10. The Hotel authority shall not operate expansion activities and shall submit the irrevocable Bank Guarantee of Rs.5 Lakh in the Regional office, Pune within 15 days from the date of issue the consent towards the compliance of the same. If any non-compliance of the conditions of consent to operate is observed the board will initiate appropriate legal action including forfeiture of Bank guarantee, revocation of consent & further action.
 11. The Hotel authority shall apply for fresh consent to establish for expansion to the Board.
 12. This is issued with recommendation of Consent Committee Meeting held on 04.01.2013 of the Board and with the approval of the Hon'ble Chairperson of the Board.
 13. The Capital Investment is Rs. 45/- crores.

For and on behalf of the
Maharashtra Pollution Control Board


(Rajeev Kumar Mital, IAS)
Member Secretary

To,
Mahindra Holiday And Resorts India Ltd.
Gat No. 375, 380, 382-395, 401 & 402, A/p Tung Village, Tal:- Maval, Dist:- Pune
Pune -410401, Maharashtra, India

Copy to:
RO-Pune / SRO-Pune-II/ CAO / Cess Branch / Master File

Received Consent fee of –

| Sr. No. | Amount(Rs.) | DD. No. | Date | Drawn On |
|---------|-------------|---------|-------------|-----------|
| 1 | 15000 | 010115 | 28 Jun 2012 | HDFC Bank |
| 2 | 200100 | 010116 | 28 Jun 2012 | HDFC Bank |