

MAHARASHTRA POLLUTION CONTROL BOARD

Tel : 2402 0781 / 2401 0437
Fax : 2402 4068
Visit us at :
Website : <http://mpcb.mah.nic.in>
E-mail : mpcb@vsnl.net



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

EIC No: MU-2022-11

Infrastructure Project/LSI

Consent No: MPCBHQ/ROHQ/Mumbai/CE/CC/ 66

Date: 12/12/2011

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 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 to Operate is granted to,

M/s. Godrej & Boyce Mfg. Co. Ltd,
(Godrej IT-Park Project P2), Plant-2, CTS No: 31/6 of village:
Vikhroli (W), Mumbai

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 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: 15/01/2017.**

For IT-Park Project (Godrej IT-Park Project P2) named as **M/s. Godrej & Boyce Mfg. Co. Ltd**, Plant-2, CTS No: 31/6 of village: Vikhroli (W), Mumbai **on total plot area of 30,860 sq.mtr & Total Construction BUA of 1,35,000 sq.mtr** including utilities of IT-Park Project (Godrej IT-Park Project P2) as per occupancy certificate issued by local body.

2. **CONDITIONS UNDER WATER (Prevention & Control of Pollution) ACT, 1974: -**

- (i) The quantity of sewage effluent from above construction project shall not exceed **800.0 m³/day**.
- (ii) **Sewage Effluent Treatment:** The Applicant shall provide a comprehensive sewage treatment plant and treatment as is warranted with reference to influent quality and corresponding mode of disposal 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 °C. | Not to exceed | 20 | mg/l. |
| (4) | Fecal Coli form | Not to exceed | 500/100/l | ml. |
| (5) | Residual Chlorine | Not to exceed | 01 | mg/l. |
| (6) | Detergent | Not to exceed | 01 | mg/l. |
| (7) | Floating matters | Not to exceed | 10 | mg/l |
| (8) | COD | Not to exceed | 50 | mg/l |

(iii) **Sewage effluent Disposal: -**

The treated domestic effluent shall be 80 % recycled and reused for flushing & gardening. In no case, effluent shall find its way to any water body directly / indirectly at any time.

[Project proponent shall operate STP for five years from the date of obtaining occupancy certificate]

(iv) **Non-Hazardous Solid Waste: -**

The total quantity shall be segregated and treated as follows: -

| Sr | Type of Segregated solid waste | Quantity (Kg/Day) | Treatment | Disposal |
|----|--------------------------------|-------------------|------------|----------------|
| 1. | Bio Degradable Waste | 1856 | Composting | Used as manure |
| 2. | STP Sludge | 200 | | |
| 3. | Non Bio Degradable Waste | 1238 | | Landfill site |

3. Other Conditions: -

1. All activities shall be in resonance with the provisions of Indian Forest Act, 1927 (16 of 1927), Forest (Conservation) Act, 1980 (69 of 1980) and Wildlife (Protection) Act, 1972 (53 of 1972), and special notification published for area wherever applicable and all the Environmental Statutes and Instruments.
2. Extraction of Groundwater for the project shall require prior permission of the State Ground Water Authority or other relevant authorities, as applicable;
3. Near the activities that are related to water (like activity of water parks, water sports) and/or in the vicinity of lake, Dissolved Oxygen shall not be less than 5 mg/liter.
4. In order to ensure that the water from this project do not enter into outside environment, the nallas crossing the township/complex premises, shall be lined, covered and made water tight by the applicant within the premises with intermittent inspection of chambers following good engineering practices as per the regulations of local body.
5. The Applicant shall draw plans for the segregation of solid wastes into biodegradable and non-biodegradable components. The biodegradable material shall be recycled through scientific in-house composting (i.e vermi-composting facility within premises) with the approval of local body. The proper demarked area shall be identified for collection & storage of MSW properly which, shall be finally disposed off at approved Municipal Solid Waste landfill site of local body environmentally acceptable location and method. It is clarified that the term solid waste includes domestic, commercial, and garden wastes, but does not include hazardous and bio-medical wastes. The activities of bio-composting and engineered landfill shall be as per the Municipal Solid Waste (M&H) Rules, 2000.
6. Applicant shall be responsible to take adequate precautionary measures as detailed in this consent.
7. For disinfections of waste water ultra violet radiation shall be used in place of chlorination
4. The Applicant shall comply with all the provisions of, the Water (Prevention and Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and Rules as Amended, 2003 and Rules there under: -

The daily water consumption for the following categories shall not exceed, as under

- a) Domestic **1430.0 CMD**
- b) Make up for Flushing --
- c) Fire fighting --
- d) Agriculture/Gardening -- **CMD**

5. CONDITIONS UNDER AIR (Prevention & Control of Pollution) ACT, 1981: -

- (i) The Applicant shall install **7-no** of diesel generating sets (DG Sets), of capacity **1500 KVA each** and 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:-

Standards for emissions of air Pollutants

| | | | | |
|-----|--------------------------|---------------|-----|--------------------|
| i) | SPM/TPM | Not to Exceed | 150 | mg/Nm ³ |
| ii) | SO ₂ (DG Set) | Not to Exceed | 40 | Kg/day |

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

| No. | Type of Fuel | Quantity |
|-----|--------------|---------------|
| 1 | Diesel | 422 Ltrs / Hr |

(iii) The Applicant shall erect the Chimney (s) of the following specifications

| No. | Chimney attached to DG | Height above roof top of the building in which it is installed |
|-----|-----------------------------|--|
| 1 | D.G.Set 1500 KVA x 7-nos | 12 Mtrs each |

(iv) **Conditions for DG Sets:-**

- Noise from DG Sets shall be controlled by providing acoustic enclosure or by treating the room acoustically.
- Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room shall 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 shall be done at different points at 0.5 meters from acoustic enclosure/ room and then average.
- The Applicant should make efforts to bring down noise level due to DG Set, outside the premises, with ambient noise level requirements by proper setting and control measures.
- Installation of DG Set must be strictly in compliance with recommendations of DG set manufacturer
- A proper routine and preventive maintenance procedure for DG Set shall be set and followed in consultation with the DG manufacturers, which would help to prevent noise levels of DG Sets from deteriorating with use.
- The DG set shall be operated only in case of power failure. The applicant shall make arrangement for regular electrical power.
- The Applicant shall not cause any nuisance in the surrounding area due to operation of DG sets.
- In case of problems, the D.G. set shall not be operated until it is set back to satisfactory position.

(vi) **Other Conditions:**

- The Applicant shall provide ports in the chimney 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 chimneys shall be numbered, as S-1, S-2 etc and these shall be painted/ displayed to facilitate identification.
- 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.

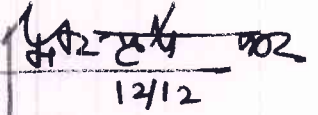
6. CONDITIONS UNDER HW (MH & TM) RULES, 2008:

(i) The applicant shall handle hazardous wastes as specified below:

| Sr.No. | HW as per Schedule-I | Type of Waste | Quantity | Disposal |
|--------|----------------------|-------------------------------|----------|--------------------------------|
| 1 | 5.1 & 5.2 | Used / Waste Oil | .. | Sale to authorised reprocessor |
| 2 | .. | Electronic / Electrical waste | .. | |

7. The applicant shall adopt environment friendly technology in development of the project.

8. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant;
9. The applicant shall comply with the conditions stipulated in Environment Clearance granted by GOM, vide no: GBM(EC)-2009/139/CR.17/TC.1, dt: 15/02/2010.
10. This is issued pursuant to the decision of **Consent Committee** of the Board in its meeting held on **28th November 2011 and approval of the Chairperson of the Board.**
11. The applicant shall submit **Bank Guarantee of Rs. 10.0 Lakhs** towards the compliance of consent conditions at Regional Office, MPCB, Mumbai within 15-days.
12. The capital investment of the project is **Rs. 306.92 Crores.**


12/12

(Milind Mhaiskar)
Member Secretary

To,
M/s. Godrej & Boyce Mfg. Co. Ltd,
(Godrej IT-Park Project P2), Plant-2, CTS No: 31/6
of village: Vikhroli (W), Mumbai

Copy to-

1. Regional Officer, MPCB, Mumbai - He is directed to obtain necessary Bank Guarantee from the applicant and ensure compliance of consent conditions
2. Sub Regional officer, Mumbai-III, MPCB,
3. Chief Accounts Officer, Mumbai, MPCB,

Received consent fee of:-

| Amount | DD No. | Date | Drawn on |
|----------------|--------|------------|-----------------------|
| Rs. 9,20,760/- | 623903 | 24/12/2010 | Central Bank of India |
| Rs. 9,20,760/- | 001162 | 3/12/2011 | ICICI Bank |

4. Cess Branch, MPCB, Mumbai.

5. Master file.