

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 022-22640345

Fax : 022-22640345

Email : mpcb@gov.in

Visit At <http://mpcb.gov.in>



Kalpataru Point, 2nd-4th Floor,
Opp. Cine Planet Cinema,
Near Sion Circle, Sion(E)
Mumbai-400 022

NM-3843/12

Infrastructure/Orange/L.S.I

Consent No: BO/RO(HQ)/CR/CAC- 585

Date: 06/09/2012

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&T) Rules respectively].

CONSENT is hereby granted to,

M/s. Reliance Infocomm Infrastructure Pvt Ltd.
Plot No. 1/2, TTC Industrial Area, DAKC, Koparkhairane,
Navi Mumbai.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M,H&T) 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 31/3/2014.
2. The Consent is valid for –
The IT Park Project named as Reliance Infocomm Infrastructure Pvt Ltd.
Plot No. 1/2, TTC Industrial Area, DAKC, Koparkhairane, Navi Mumbai, on total plot area of 5,39,349.00 Sq mtrs and total Built up area 2,36,195.00 Sq mtrs including services and utilities as per occupation certificate issued by local body

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory should be NIL.
- (ii) The daily quantity of sewage effluent from the factory should not exceed 930.00M³.
- (iii) Sewage Effluent Treatment :

Treatment: The applicant should 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 the treated effluent to the following

1	pH	Between	5.5 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	residual chlorine	Not to exceed	01mg/l.
6	Detergent	Not to exceed	01mg/l
7	Floating Matter	Not to exceed	10 mg/l

standards

iv) **Sewage Effluent Disposal:** The treated domestic effluent should be 100% recycled and reused for flushing, fire fighting and cooling of Air conditioners etc. In no case, effluent should find its way to water body directly/indirectly at any time. The firm should affix the separate meter to ensure the 100% recycling of treated sewage and keep the record for the same.

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Organic Waste	15.00	Kg/Day	Composting	Own Waste
2	Paper waste/ office waste	10.00	Kg/Day	----	Authorized Recycler

(v) **Other Conditions:**

1. There should be no felling of trees whether on Forest, Government, Revenue or Private lands except as per prevailing Rules.
2. Extraction of Groundwater for the project should 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 should 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, should 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. Green Belt should develop on open space.
6. The Applicant should segregate solid wastes into biodegradable and non-biodegradable components. The biodegradable material should be recycled through scientific in-house composting. The proper demarked area should be identified for collection & storage of MSW properly which, should 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 should be as per the Municipal Solid Waste (M&H) Rules, 2000
7. Applicant should be responsible to take adequate precautionary measures as detailed in this consent.
8. E-Waste shall be disposed to authorized Collection Centre/ dismantler/ reprocessor

4. **The applicant should 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 | ... | 1020.00 CMD |
| (ii) Water gets Polluted & Pollutants are Biodegradable | ... | 0.00 CMD |
| (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 0.00 CMD |
| (iv) Industrial Cooling, spraying in mine pits or boiler feed | ... | 350.00 CMD |

The applicant should 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 4 no. of diesel generating sets (DG Sets), of capacity (2X 4375 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:

Standards for Emissions of Air Pollutants:

- | | | |
|-------------------------------|---------------|------------------------|
| (i) SPM/TPM | Not to exceed | 150 mg/Nm ³ |
| (ii) SO ₂ (DG Set) | Not to exceed | 96 Kg/day |

- (ii) The following measures should be taken:
- Adequate mitigation measures should be taken to control emissions of SO₂, NO_x, SPM, and RSPM.
 - Applicant should achieve following Ambient Air Quality standards.

1.	SPM	Not to Exceed (Annual Average)	140	µg/ m ³
		Not to Exceed (24 hours)	200	µg/ m ³
2.	SO ₂	Not to Exceed (Annual Average)	60	µg/ m ³
		Not to Exceed (24 hours)	80	µg/ m ³
3.	NO _x	Not to Exceed (Annual Average)	60	µg/ m ³
		Not to exceed (24 hours)	80	µg/ m ³
4.	RSPM	Not to Exceed (Annual Average)	60	µg/ m ³
		Not to Exceed (24 hours)	100	µg/ m ³

- (iii) The applicant should observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	800	Litrs/hr (Full Load)

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	DG Set (4 Nos x4375 KVA)	35.5 mtrs each

- (v) 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.
- Applicant 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) should 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.
- The Applicant should take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 75 dB(A) during day time and 70 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.
- Applicant 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 should 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 Condition

- 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.
- b) Water spraying shall be done on ground to avoid fugitive emissions.

(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.

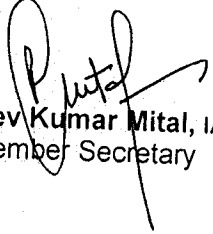
(ix) Construction equipments generating noise of less than 65/90 db(A) are permitted. No construction

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

The Applicant should not generate any type of hazardous wastes.

- 7. The applicant should make an application for Renewal of the consent at least 60 days before the expiry of the consent.
- 8. The applicant should adopt environment friendly technology in development of the project.
- 9. This Board reserves the right to amend or add any conditions in this consent and the same should be binding on the Applicant.
- 10. The Applicant shall submit the bank guarantee of Rs. 10 Lakhs at Regional officer, Navi Mumbai within 15 days from date of issue of this consent for operation and maintenance of the Effluent treatment Plant.

11. The consent is issued with the approval of Consent Appraisal Committee of the Board in its Meeting held on 21/8/2012.
12. The Capital investment of the Project is Rs. 1886.5035 Lacs.


(Rajeev Kumar Mital, IAS)
Member Secretary

To,
M/s. Reliance Infocomm Infrastructure Pvt Ltd.
Plot No. 1/2, TTC Industrial Area, DAKC,
Koparkhairane,
Navi Mumbai.

Received Consent fee of –

Copy to:

- a. RO-Navi Mumbai /SRO-Navi Mumbai-II
b. CAO/Cess Branch/Master File

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	37,73,008	015461	20 th Mar 2012	HDFC Bank
2	1,00,000	015589	19 th Apr 2012	HDFC Bank