

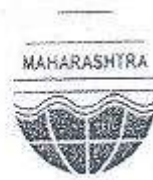
MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2nd - 4th Fl.
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Mumbai-400 022.

EIC No. MU- /11

Orange/L.S.I

Consent No. BO/RO(HQ)/CO/CAC-

Date: 07/12/2011

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 / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

CONSENT is hereby granted to;

M/s. Seven Hills Health Care Pvt. Ltd.,
Hospital Building (Health Care Project)
S.NO. 155(Pt), 165(Pt), 162(Pt) to 168(Pt)
of Municipal 'K' ward East in Village Marol,
Marol-Maroshi Road, Andheri(E) Mumbai

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 01/07/2014

2. The Consent is valid for ;

For Hospital Building of M/s. Seven Hills Health Care Pvt. Ltd. at S.NO. 155(Pt), 165(Pt), 162(Pt) to 168(Pt) of Municipal 'K' ward East in Village Marol, Marol-Maroshi Road, Andheri(E) Mumbai on total Plot area of 66687.00 sq. mtr., and Total Construction is of 226000.00sq. mtr including utilities of commercial project as per occupancy certificate issued by local body.

3. CONDITIONS UNDER WATER ACT:

- The daily quantity of trade effluent from the factory shall Nil.
- The daily quantity of sewage effluent from the factory shall not exceed 452.00M³.
- 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
3	Suspended Solids	Not to exceed	100 mg/l.
4	BOD 3 Days 27 degree C	Not to exceed	30 mg/l.
	Oil and Grease	Not to exceed	10 mg/l.
5	Dissolved Phosphates	Not to exceed	05 mg/l
6	Dissolved Oxygen	Not to exceed	05 mg/l
7	Residual Chlorine	Not to exceed	01 mg/l.
8	COD	Not to exceed	250 mg/l.
9	Bio-Assay	Not to exceed	95% survival of fish after 96 hrs. in 100% effluent

- (vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be 80% recycled and reused for flushing, fire fighting and cooling of Air conditioners and remaining shall be discharged to Municipal sewer. In no case, effluent shall find its way to any water body directly/indirectly at any time.

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

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Bio-degradable	---	Kg/Day	--	--
2	Dry-Garbage /Inerts	20	Kg/Day	---	Sale to authorized recycler

(vi) **Other Conditions: -**

- 1) The applicant shall monitor effluent quality regularly.
- 2) The applicant authorities should obtain environment friendly technologies like ozonisation, UV Treatment etc by replacing chlorination.

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 | ... | 565.00 CMD |
| (ii) Water gets Polluted & Pollutants are Biodegradable... | ... | 70.00 CMD |
| (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 210.00 CMD |
| (iv) Industrial Cooling, spraying | ... | 0.00CMD |

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 (Prevention & Control of Pollution) ACT, 1981:**

- (i) The Applicant may install 03 no. of diesel generating sets (DG Sets), of capacity 1250 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:

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

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

(ii) The following measures shall be taken:

- a. Adequate mitigation measures shall be taken to control emissions of SO₂, NO_x, SPM, and RSPM.
- b. Applicant shall 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 $\mu\text{g}/\text{m}^3$

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Diesel	250	Ltrs/hrs.

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	DG Set	8.74

(v) 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 meters 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 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.
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 must 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.

(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.
- c) 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.

(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.

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

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
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7. General Conditions:

- I. The applicant shall comply with the provision of the Environment (Protection) Act, 1986 and the Rules made there under.
- 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 plantation.
- IV. Solid Waste - The non-hazardous solid waste generated from the complex, shall be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall provide composting facilities and take necessary permission from civic authorities for disposal.
- V. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant shall stop, reduce or otherwise, control production so abide by terms and conditions of this consent regarding pollution levels.
- 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 discharged points and shall pay to the Board for the service rendered in this behalf.
- VII. The applicant shall make an application for renewal of the consent at least 60 days before the date of 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 per the provisions of rule 14 of the Environmental (Protection) (Second Amendment) Rules, 1992.
- IX. An inspection book shall be opened and made available the Board officers during their visit to the application.
- X. The application shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluents treatment plants and air pollution control system. A register showing consumption of chemical used for treatment shall be maintained.

- XI. It is the duty of the authorized person to take permission of the Maharashtra Pollution Control Board to close down the facility.
- XII. All the conditions of this Consent shall be strictly implemented and the Consent Order shall be displayed at a prominent location in the complex premises
8. 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.
9. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
10. This consent shall not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deemed fit necessary
11. The applicant shall obtain Authorization under Bio-Medical Waste (Management and Handling) Rules, 1998 and Amendments thereto. The BMW generated shall be collected treated and disposed at you end or dispose it to Common Bio-Medical Waste facility.
12. This consent is issued with the approval of Consent Appraisal Committee of the Board in its meeting held on 22nd November 2011
13. The Capital investment of the industry is Rs. 70620 Lacs.


 (Milind Mhaiskar, IAS)
 Member Secretary

To,
 M/s. Seven Hills Health Care Pvt. Ltd.,
 Hospital Building (Health Care Project)
 S.NO. 155(Pt), 165(Pt),162(Pt) to 168(Pt)
 of Municipal 'K' ward East in Village Marol,
 Marol-Maroshi Road, Andheri(E) Mumbai

Copy to:

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

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	30,300/-	039945	05/04/2010	Union Bank
2	7,06,200/-	041541	09/11/2010	Union Bank
3	6,76,000/-	310706	11/04/2011	Axis Bank
4	14,12,400/-	322396	25/10/2011	Axis Bank