

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

Consent order No: Format 1.0/BO/CAC-Cell/PN-22731-15/CR/CAC-9865  
Date: 26/8/2015

To,  
M/s. Tech Mahindra Ltd.,  
Plot No. 1, Rajiv Gandhi Infotech Park, Phase-III,  
Hinjewadi, Pune.

Sub : Renewal of Consent to Operate for IT Software Complex under RED category.

Ref :

1. Environmental Clearance granted vide no. MoEF-21-1180/2007-IA-III/TCI dated 22.05.2009
2. Consent to Operate granted vide no. BO/RO(HQ)/CO/CAC-784 dated 19.01.2013 valid upto 31.08.2014.
3. Your application approved in 14<sup>th</sup> CAC meeting of 2015-2016 held on 02.02.2016.

Your application No:- CR1409000006, Date: 26.08.2014

For: Renewal of Consent to Operate for IT Software Complex

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 Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling Rule 2011 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Renewal of consent to Operate is granted for a period upto 31.08.2019.
2. The Capital investment of the Project is Rs. 502.59 Crs. (As per documents submitted by Project proponent).
3. The Renewal of Consent to Operate is valid for IT Software Complex of M/s. Tech Mahindra Ltd., Plot No. 1, Rajiv Gandhi Infotech Park, Phase-III, Hinjewadi, Pune on Total Plot Area of 98,400 sq.m. and Total Construction BUA of 80,500 sq.m., including utilities and services.
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	460	As per Schedule -I	The treated effluent shall be 80% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body.

5. Conditions under Air (P&CP) Act, 1981 for air emissions:

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG sets (5x2000 KVA )	5	As per Schedule -II
2.	DG sets (2x500 KVA )	2	As per Schedule -II

6. Conditions under Municipal Solid Waste (Management and Handling) Rule,2000

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1.	Biodegradable Waste	2490	Kg/Day	OWC	Manure
2.	Non Biodegradable Waste	3736	Kg/Day	Segregation	By sale
3.	STP Sludge	200	Kg/Day	--	Manure

7. Condition under E-Waste (Management & Handling) Rule 2011.

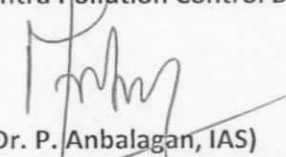
S. No.	Type Of E-Waste	Qty	UOM	Treatment	Disposal
1	E-Waste	As actual	Kg/Month	Nil	Authorized recyclers

8. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Used /Spent Oil	5.1	1000	Lit/Year	--	Sale to the authorized recycler
2	Barrels/drums for storing oil	33.3	As actual	Nos./Year	--	Sale to the authorized recycler

9. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
11. The applicant shall comply with the conditions of Environmental Clearance granted vide no. MoEF-21-1180/2007-IA-III/TCI dated 22.05.2009.

For and on behalf of the  
Maharashtra Pollution Control Board

  
(Dr. P. Anbalagan, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	14,02,540/-	422435	25.08.2014	IDBI Bank
2	36,23,360/-	664854	08.06.2016	IDBI Bank

Copy to:

- Regional Officer -Pune and Sub-Regional Officer-Pune-II, MPCB,  
-- They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- CC/CAC desk- for record & website updation purposes.

### Schedule-I

#### Terms & conditions for compliance of Water Pollution Control:

1) A) As per your application, you have provided Sewage Treatment Plant (STP) with the design capacity of 460 CMD based on MBR Technology.

B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	BOD (3 days 27oC )	10
02	Suspended Solids	10
03	COD	50
04	Residual Chlorine	1ppm

C ) The treated effluent shall be 80% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure 80% recycling of treated sewage and shall maintain the record with data logging system. Project Proponent shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit.

2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.

3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	00
2.	Domestic purpose	688 CMD
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	00

5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



### Schedule-II

#### Terms & conditions for compliance of Air & Noise Pollution Control:

1. As per your application, you have proposed to install Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %
1	DG sets (5x2000 KVA )	Acoustic enclosure	8.9* each	HSD	755 Liters/Hr	1
2	DG sets (2x500 KVA )	Acoustic enclosure	4.5*each			1

- Above roof of building in which it is installed or the nearest tallest building

2. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
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3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. Ambient noise level should be confirmed to prescribe standards both during day and night time. The ambient air and noise quality should be closely monitored during any construction phase in the premises.
6. Conditions for utilities like Kitchen, Eating Places:-

- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
- The toilet shall be provided with exhaust system connected to chimney through ducting.
- The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
- 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 a way that no nuisance is caused to neighbors.



Schedule-III

Details of Bank Guarantees


PP shall extend following BG:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity++
1	Renewal of Consent to Operate (C to R)	Rs. 10 lakh	15 days from date of issue of consent	Towards O & M of pollution control system	Continuous	Validity of this consent + 4 months

\*\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months

# Existing BG obtained for above purpose if any may be extended for period of validity as above.

  
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#### Schedule-IV

##### General Conditions:

- 1) The applicant shall provide facility for collection of samples of 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.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) 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) 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their 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.
  - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.

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