

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No: Format1.0/BO/CC/ROHQ/EIC-Mu-6347 -14/R/CC-10818 Date: 20/11/2014

To,
M/s. Empire industries Ltd.,
"Empire Plaza(Phase-I),"
CTS No.9,Village:Hariyali,
LBS Marg,Vikroli(W),Mumbai

Subject: Renewal of Consent(part) for IT & IT's activity in ORANGE category.
Ref : Minutes of Consent Committee meeting held on 5/11/2014

Your application CR1408000365
Dated: 24.07.2014

For: Renewal of Consent (part) for IT & IT's activity.
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 (M, H & T M) Rules 2008 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 consent to operate (part) is granted for a period up to 31/10/2016.
2. The capital investment of the project is Rs.23.03 Crs. (As per CA Certificate submitted by project proponent)

The Renewal of Consent (part) is valid for IT Park Project named as M/s. Empire Industrie Ltd., "Empire Plaza(Phase-I)", CTS No.9, Village: Hariyali, LBS Marg, Vikroli(W), Mumbai on total plot area of 46,341 Sq. Mtrs & Construction BUA of 19,164.13 Sq. Mtrs of Total construction BUA 36,579 Sq. Mtrs Including utilities and services as per construction occupancy certificate issued by local body.

3. 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	160	As per Schedule -I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer

4. 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 set (125 KVA)	1	As per Schedule -II
2.	DG set (1010 KVAx2)	1	As per Schedule -II
3.	DG set (600 KVA)	1	As per Schedule -II
4.	DG set (500 KVA)	1	As per Schedule -II

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

Sr. no.	Type Of Waste	Quantity UoM	& Treatment	Disposal
1	Biodegradable	153 Kg/Day	Treated in OWC.	Used as Manure
2	Non-Biodegradable	230 Kg/Day	segregate & hand over to authorized party	--

*The applicant shall commission OWC for disposal of MSW within one month.

6. 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
Nil					

7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
9. The applicant shall submit the affidavit within 15 days in the prescribed format regarding the part of the built up area/building for which application for Renewal of Consent (Part) Phase-I is made and that the same is included in the Environmental Clearance accorded.
10. The applicant shall comply with the conditions stipulated in Environmental Clearance granted by GOM vide No. SEAC 2008/CR.26/TC3, Dated. 12/2/2009 and its amendment in Validity of Environmental Clearance dated 1/4/2013.

For and on behalf of the
Maharashtra Pollution Control Board

(Rajeev Kumar Mital, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1.	50,000/-	077730	23.6.2014	Central Bank of India
2.	16,667/-	078305	13.11.2014	Central Bank of India

Copy to:

1. Regional Officer -Mumbai and Sub-Regional Officer-Mumbai-III MPCB,
-- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. 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 1 Nos. of Sewage Treatment Plant (STP) with the design capacity of 200 CMD each.
- B] The Applicant shall operate the effluent 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 27°C)	30
02	Suspended Solids	50
03	COD	100
04	Residual Chlorine	1ppm

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.
- 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) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	200

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the 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 %	SO ₂ Kg/Day
01.	DG set (1010KVA)	Acoustic Enclosure	6.0*	HSD	597 Ltrs/hr	--	---
02	DG set (600KVA)						
03	DG set (500KVA)						
04	DG set (125KVA)						

* Above roof of the building in which it is installed.

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:

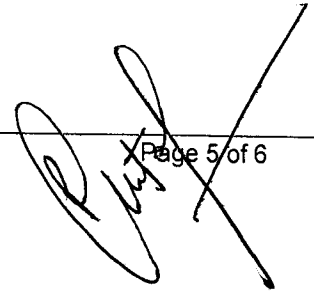
Particulate matter	Not to exceed	150 mg/Nm ³ .
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3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before 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).

Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C toE/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent (part)	Rs. 3 lakh	15 days	The applicant shall extend the existing BG for operation and maintenance of STP.	30.11.2015	31.3.2016
		Rs. 5 Lakhs	15 days	PP shall commission OWC for disposal of MSW within 1 month & submit BG of Rs. 5 Lakh for compliance of the same.	30.11.2015	31.3.2016

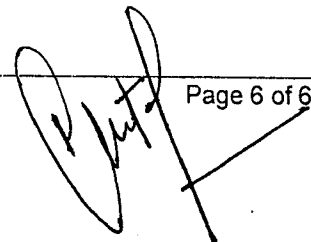
Maharashtra Pollution Control Board



Schedule-IV

The following general conditions shall apply as per the type of the industry.

- 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) 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.
 - 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) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) 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.



control system. A register showing consumption of chemicals used for treatment shall be maintained.

13) 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) 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) 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.
- d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- e) 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
- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel

14) The industry should not cause any nuisance in surrounding area.

15) 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.

16) The applicant shall maintain good housekeeping.

17) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.

18) 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 of solid waste.

19) The applicant shall not change or alter the 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. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.

20) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.

21) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.

22) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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