

# MAHARASHTRA POLLUTION CONTROL BOARD

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Consent order No 1.0/BO/CAC-Cell/EIC No:-MU-7124-16/CAC-10203

Date- 10/10/2016

To  
M/s CEAT Ltd.,  
Off LBS Marg, Bhandup (W)  
Mumbai-400078.

Subject: Renewal of Consent to Operate with increase in CI in RED category.

Ref : 1. Earlier Consent to operate granted vide no. BO/CAC-Cell/EIC No. MU-5558-14/CAC/CC-8756 dated 19.09.2014.  
2. Minutes of CAC meeting held on 16.09.2016.

Your application: CR1605000029.  
Dated: 25.02.2016.

For: Renewal of 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 (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:

- The consent is granted for a period from 01.04.2016 to 31.03.2021.
- The actual capital investment of the industry is Rs. 282.36 Crs. (Existing CI- Rs. 240.7 Cr + Increased CI- Rs. 41.66 Cr as per C.A. Certificate submitted by industry).
- The Consent is valid for the manufacture of:-

Sr. No.	Product Name	Maximum Quantity
1.	Automotive Tyres	7666 MT/M

- 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	225	As per Schedule -I	Maximum recycle/reused and remaining to sewerage system provided by MCGM.
2.	Domestic effluent	375	As per Schedule -I	

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler (4 Nos.)	4	As per Schedule -II
2.	Process stacks/vents	12	As per Schedule -II
3.	DG set	4	As per Schedule -II

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

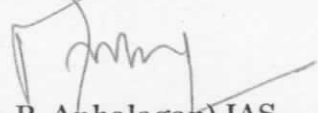
Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1.	Sludge and Filters contaminated with oil	3.3	2.0	MT/M	Nil	CHWTSDF
2.	Spent/used oil	5.1	24	MT/M	Nil	Authorized recycler
3.	Contaminated cotton rags/PPE's	5.2	2.0	MT/M	Nil	CHWTSDF
4.	Discarded Asbestos	15.2	0.5	MT/M	Nil	CHWTSDF
5.	Dust collector filter bags	21.1	0.5	MT/M	Nil	CHWTSDF
6.	Waste carbon, Silica, Spent slurry	21.2	10	MT/M	Nil	Authorized recycler
7.	Discarded containers/b arrels	33.3	25	Nos./M	Nil	Authorized recycler
8.	Ion exchange resin	34.2	1.0	MT/M	Nil	CHWTSDF
9.	ETP sludge	34.3	3.0	MT/M	Nil	CHWTSDF
10.	Chemical sludge, oil & grease skimming residue	34.4	1.0	MT/M	Nil	Authorized recycler
11.	Waste/residue containing sulfur	Class D	1.0	MT/M	Nil	CHWTSDF

7. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1.	Scrap rubber	70 MT/M	Nil	Sale to authorized vendor
2.	Fabric	9 MT/M	Nil	
3.	LDPE Film	10 MT/M	Nil	
4.	Ferrous metal	20 MT/M	Nil	
5.	Non Ferrous	3.0 MT/M	Nil	
6.	Briquette Ash	750 MT/M	Nil	
7.	Metal Drums	0.1 MT/M	Nil	
8.	PVC containers	1.0 MT/M	Nil	
9.	Card Boards Drums ply & wooden material	20 MT/M	Nil	

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

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.	Rs. 14,08,110/-	880025	28.01.2016	State Bank of India
2.	Rs. 75,000/-	880878	12.05.2016	State Bank of India
3.	Rs. 11,29,383/-	882299	29.09.2016	State Bank of India
4.	Rs. 2,86,107/-	As per previous consent no. BO/CAC-Cell/EIC No. MU-5558-14/CAC/CC-8756 dated 19.09.2014, The balance consent fee of Rs. 2,86,107/- is with the Board which is considered in this renewal of consent to operate.		

Copy to:

1. Regional Officer -Mumbai- *He is directed to return the BG of Rs. 2 lakh obtained towards submission of design details of APC system as industry has submitted the same.*
2. Sub-Regional Officer- Mumbai-III, MPCB - They are directed to ensure the compliance of the consent conditions.
3. Chief Accounts Officer, MPCB, Mumbai.
4. CC/CAC desk- for record & website up-dation purposes.

**Schedule-I**  
**Terms & conditions for compliance of Water Pollution Control:**

- 1) A] As per your application, you have provided the primary Effluent Treatment Plant (ETP).
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent 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 as per EP Act, 1986 Limiting Concentration in mg/l, except for pH
01	pH	6.0-8.5
02	Suspended Solids	100
03	BOD (3 days 27°C)	30
04	COD	250
05	Oil & Grease	10
06	Total Dissolved Solids	2100
07	Sulphate	1000
08	Chloride	600
09	% Sodium	600

- C] The treated effluent shall be recycled/reused in the process to the maximum extent and remaining shall be connected to sewerage system provided by MCGM.
- 2) A] As per your consent application, you have provided the sewage treatment system with the design capacity of 900 CMD
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.
- |     |                   |               |     |       |
|-----|-------------------|---------------|-----|-------|
| (1) | Suspended Solids. | Not to exceed | 50  | mg/l. |
| (2) | BOD 3 days 27°C.  | Not to exceed | 30  | mg/l. |
| (3) | COD               | Not to exceed | 100 | mg/l. |
- C] The treated effluent shall be recycled/reused in the process to the maximum extent and remaining shall be connected to sewerage system provided by MCGM.
- D] In case the treatment system is combined for trade effluent and sewage then the standards and disposal path prescribed at sr. no.1 B & C of schedule I shall be applicable.
- 3) 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.
- 4) 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.

- 5) 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	550
2.	Domestic purpose	500
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil

- 6) 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/ Environmental Clearance / CREP guidelines.

**Schedule-II**

**Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have provided the Air pollution control (APC) system and also erected 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 <sub>2</sub> Kg/Day
1.	Boiler-1	---	33	Natural Gas	1200 Kg/hr	NA	NA
2.	Boiler-2	---	58	Natural Gas	1800 Kg/hr	NA	NA
3.	Boiler-3	---	33	Natural Gas	1500 Kg/hr	NA	NA
4.	Boiler-4	Cyclone separator, dust collector	33	Briquette	5.0 T/hr	0.6	144
5.	DG set	Acoustic enclosure	18	HSD	200 Lit/hr	1	96
6.	DG set	Acoustic enclosure	18	HSD	200 Lit/hr	1	96
7.	DG set	Acoustic enclosure	18	HSD	350 Lit/hr	1	168
8.	DG set	Acoustic enclosure	18	HSD	350 Lit/hr	1	168
9.	Banbary No 1	Dust collector	25	---	---	---	---
10.	Banbary No 2 A	Dust collector	25	---	---	---	---
11.	Banbary No 2 B	Wet scrubber	25	---	---	---	---
12.	Banbary No 3	Dust collector	25	---	---	---	---
13.	Banbary No 4	Dust collector	25	---	---	---	---
14.	Banbary No 5	Dust collector	25	---	---	---	---
15.	Banbary No 6	Dust collector	25	---	---	---	---
16.	Dusting Booth 1	Wet scrubber	5.0	---	---	---	---
17.	Dusting Booth 2	Cyclone separator	10	---	---	---	---
18.	Dusting Booth 3	Cyclone separator	10	---	---	---	---
19.	Dusting Booth 4	Wet scrubber	5.0	---	---	---	---
20.	Sand Blasting	Bag filter	5.0	---	---	---	---

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)

**Control Equipment:-**

- i. Fume extraction system followed by dust collection system of sufficient capacity should be provided to all sources of SPM/TPM and shall be operated properly and continuously.
  - ii. There shall not be any secondary (Fugitive) emissions.
3. 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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4. 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.
5. 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 to E/O/R)	Amt of BG Imposed	Submissi on Period	Purpose of BG	Complian ce Period	Validity Date
1.	CtoR	Rs. 5 lakh (to be extended)	15 days	Towards operation and maintenance of pollution control system	Continue	31.07.2021



- 16) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 17) 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.
  - 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.
  - 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.
  - 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 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.
  - D.G. Set shall be operated only in case of power failure.
  - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 18) The industry should not cause any nuisance in surrounding area.
- 19) 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.
- 20) The applicant shall maintain good housekeeping.
- 21) 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 31<sup>st</sup> March of the year and number of trees planted by September end, with the Environment Statement.
- 22) 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.
- 23) 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.
- 24) 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.
- 25) The industry shall submit quarterly statement in respect of industries' obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
- 26) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 27) 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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