

# MAHARASHTRA POLLUTION CONTROL BOARD

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Kapataru Point  
02<sup>nd</sup>, 03<sup>rd</sup> & 04<sup>th</sup> floor  
Opp. Cineplanet,  
Near Sion Circle, Sion(E),  
Mumbai- 400 022

Red/LSI

Consent No. BO/JD(WPC)/EIC-MU-1902-10/R/CC- CAI-18

Date: 19/11/2011

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. [To be referred as Water Act, Air Act and HW (M, H & T) Rules respectively].

CONSENT is hereby granted to,

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

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:- 31/12/2013.

2. The Consent is valid for the manufacture of -

Sr	Products	Max. Qty.
1	Automotive Tyres	7666 MT/M

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 200 M<sup>3</sup>.  
(ii) The daily quantity of sewage effluent from the factory shall not exceed 350 M<sup>3</sup>.

(iii) Trade Effluent :

Treatment : operate comprehensive treatment system consisting of primary/secondary and/or tertiary treatment as is warranted with reference to influent quality and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards :

Sl. No.	Parameter	Standard	Limit
1	pH	Between	5.5 to 9
2	Suspended Solids	Not to exceed	100 mg/l
3	BOD 3 days 27 Deg. C	Not to exceed	100 mg/l
4	COD	Not to exceed	250 mg/l
5	Oil & Grease	Not to exceed	10 mg/l
6	TDS	Not to exceed	2100 mg/l
7	Sulphate	Not to exceed	1000 mg/l
8	Chlorides	Not to exceed	600 mg/l
9	% Sodium	Not to exceed	600 mg/l

(iv) Trade Effluent Disposal: The treated effluent shall be reused/recycled to the maximum extent and remaining shall be connected to sewage system provided by MCGM.

(v) Sewage Effluent Treatment: The applicant should operate comprehensive treatment system as is warranted with reference to influent quality and maintain the same continuously so as to achieve the quality of treated effluent to the following standards :

(1)	Suspended Solids	Not to exceed	100	mg/l.
(2)	BOD 3 days 27 Deg. C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated sewage effluent should be soaked into soak pit which should be got cleaned periodically. Overflow, if any should be used on land for gardening / plantation only.

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

Sr. No.	Type of Waste	Qty.	Disposal
01	Carbon Bags	251 MT/A	Sale to authorized Party approved by MPCB/CPCB
02	Cardboard Containers	9818 Nos./Year	
03	Metal Drums	44 Nos. /Year	
04	PVC Drums	887 Pcs/ Year	
05	Broken PVC Drums	5130 Kg/ Year	

(vii) **Other Conditions :** The industry should monitor effluent quality regularly

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 Rules there under:  
The daily water consumption for the following categories is as under:

i	Domestic	500	CMD
ii	Industrial Processing	--	CMD
iii	Industrial Cooling	550	CMD
iv	Agriculture / Gardening	--	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 should operate a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and maintain the same continuously so as to achieve the level of pollutants to the following standards :

**Control Equipment :** 1) Dust collector of sufficient capacity should be operate & maintain to a) all banbury mixing section b) talc section c) any source of particulate matter 2) Weighing, handing & storage of raw material should be done in enclosure 3) water should be sprinkled twice a day on metal road to limit the dust.

**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 metres from acoustic enclosure/room and then average.
- 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.
- 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.

## Standards for Emissions of Air Pollutants :

1	SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
2	SO <sub>2</sub>	Not to exceed	201 Kg/day

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

Sr.	Fuel Type	Quantity
1	HSD	40 MT/day
2	Briquettes for 4 <sup>th</sup> No of Boiler	110 MT/day

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

Sr.	Chimney attached to	Height in meter
1	Boiler ( 04 Nos)	33 each
2	D G Set ( 04 Nos), 860 KVA - 02 Nos 1100 KVA - 02 Nos	5.8 *

(\* above the roof of the Building in which it is installed)

(iv) The applicant should provide ports in the chimney/(s) and facilitates such as ladder, platform etc. For monitoring the air emissions and the same should be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission should be designated by numbers such as S-1, S-2, etc. And these should be painted / displayed to facilitate identification.

(v) The industry should take adequate measures for control for 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 p.m.

(vi) Other Conditions :

- 1) There shall not be any fugitive emission
- 2) The industry should not cause any nuisance in surrounding area.
- 3) The industry should monitor stack emissions and ambient air quality regularly from MoEF approved laboratory.

#### 6. CONDITIONS UNDER HAZARDOUS WASTE (Management, Handling & Transboundary Movement)

(RULES, 2008) :

The applicant should handle hazardous wastes as specified below:

Sl.	Item No (Sch-I)	Type of Waste	Quantity	Disposal
1	5.1	Used/Spent Oil	0.8 MT/Day	CHWTSDF
2	34.3	Chemical sludge from waste water treatment	0.1 MT/Day	CHWTSDF
3	-	B4 Lead & Lead compound	3100 Nos	Sale to authorized reprocessor.

7. 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 should 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 should be stopped.

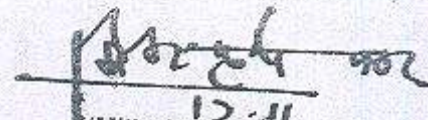
8. General Conditions:

- (i) The applicant should bring minimum 33% of the available open land under green coverage/ plantation. The applicant should submit a yearly statement by 30<sup>th</sup> September every year on available open plot area, no. of trees surviving as on 31<sup>st</sup> March of the year and no. of trees planted by September end.
- (ii) The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant, and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.

- (iii) The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. The applicant should not change or alter 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.
- (iv) The firm should submit MPCB, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30<sup>th</sup> September every year.
- (v) The applicant should 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 should be maintained. The applicant should also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.
- (vi) Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes/sewers down-stream of the terminal manholes. No effluent should find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.
- (vii) The applicant should 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 designated points and should pay to the Board for the services rendered in this behalf. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.
- (viii) The industry should ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- (ix) The applicant should maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
10. This is issued with approval of Consent Appraisal Committee meeting of the Board held on dtd. 17/08/2011.

11. The capital investment of the industry is Rs. 208.14 Crore.

For and on Behalf of the  
Maharashtra Pollution Control Board,

  
13.11  
(Milind Mhaiskar)  
Member Secretary

CEAT Ltd,  
Off. LBS Marg Bhandup(W),  
Mumbai- 400078

Copy to :

- 1) Regional Officer -Mumbai ,MPC Board, Mumbai
- 2) Sub Regional Officer, Mumbai-III, MPC Board, Mumbai
- 3) Chief Account Officer, MPCB, Sion, Mumbai.
- 4) Gen. W. - MPCB, Sion, Mumbai

Received Consent fee (in Rs.) vide:	Amount	D.D. No.	Date	Bank Name
	316923	300703	14/12/2010	SBI
	7500	299944	30/10/2010	SBI
	300000	299945	30/10/2010	SBI
	50000	890030	02/06/2011	SBI
	824423	412120	21/10/2011	SBI