

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437 / 4014701 /
4020781
Fax : 4024068 / 4023516
Website : <http://mpcb.mah.nic.in>
E-Mail : ast@mpcb.gov.in



KALPATARU POINT, 3rd Floor,
Sion-Matunga Scheme Road No.8,
Opp. Sion Circle, Sion (East)
Mumbai-400 022.

Red/LSI

Consent No. BO/AS(T)/EIC No. TN-3443-12/R/CC- 9357 Date: 11/11/2013.

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) Rules respectively].

CONSENT is hereby granted to

**M/s Ganesh Benzoplast Ltd. (Unit-II),
Plot No. D-21/2/2, MIDC Tarapur,
Tal. Boisar, Dist. Thane.**

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 period upto 31/08/2016.
2. The Consent is valid for the manufacturing of –

Sr.No.	Product	Qty.
1	Benzoic Acid	150 MT/M
2	Sodium Benzoate	150 MT/M
3	Benzoate Esters	225 MT/M

3. **CONDITIONS UNDER WATER (Prevention & Control of Pollution) ACT, 1974:**

- (i) The daily quantity of trade effluent from the factory shall not exceed 5.0 m³/day.
- (ii) The quantity of sewage effluent from the premise shall not exceed 30.0 m³/day.

- (iii) **Trade 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	Between	5.5 to 9.0.
(2)	Suspended Solids	Not to exceed	100 mg/l.
(3)	BOD 3 days 27 Deg. C.	Not to exceed	30 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)	Chlorides	Not to exceed	600 mg/l.
(9)	% Sodium	Not to exceed	60 % mg/l.

(iv) **Trade Effluent Disposal:** The treated effluent shall be recycled to the maximum extent and remaining, if any, shall be discharged into CETP.

(v) **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)	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 shall be soaked into soak pit which shall be got cleaned periodically. Overflow if any shall be disposed into CETP.

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

<u>Type of waste</u>	<u>Quantity</u>	<u>Treatment</u>	<u>Disposal</u>
-- Nil --			

(vii) **Other Conditions:** The firm shall monitor effluent quality regularly.

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 thereunder:

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

(i) Domestic	...	60.0 CMD
(ii) Industrial	...	45.0 CMD
(iii) Industrial Cooling/Boiler	...	150.0 CMD
(iv) Gardening	...	40.0 CMD

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 shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

Control Equipment:

- The firm shall provide scrubbers of sufficient capacity to reactors to control the emissions.
- The firm shall provide dust collectors of sufficient capacity to coal fired new boiler and thermopack to control the emissions. Dust collector followed by Scrubber shall be provided to old boiler.

(ii) **Standards for Emissions of Air Pollutants:**

(i)	SPM/TPM	Not to exceed	150 mg/Nm ³
(ii)	SO ₂ (for coal fired boiler)	Not to exceed	80 Kg/day
(iii)	SO ₂ (for F.O. fired boiler)	Not to exceed	0.5 TPD
(iv)	SO ₂ (for D.G. Set)	Not to exceed	2.1 Kg/day
(v)	Acid Mist / HCl	Not to exceed	35.0 mg/Nm ³

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

<u>Sr.No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
1.	Coal	8.0 MT/day, or
2.	FO	6.0 MT/day
3.	HSD	3.0 KL/M

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

<u>Sr.No.</u>	<u>Chimney attached to</u>	<u>Height in Mtrs.</u>
1.	Boiler (4 MT/hr - 2 Nos.)	35 mtrs.

- | | | |
|----|-------------------------------------|---------------------|
| 2. | Thermopack | 35 mtrs. |
| 3. | Scrubber attached to Dust Collector | 10 mtrs. |
| 4. | D.G. Set (1000 KVA) | 5 mtrs. above roof. |

(One boiler shall be in operation at a time and other shall be kept standby.)

- (v) 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.
- (vi) 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.
- (vii) **Other Conditions:**
- The firm shall not cause any nuisance in surrounding area.
 - The industry should monitor stack emissions and ambient air quality regularly.

6. CONDITIONS UNDER HW (M&H) RULES, 1989 & AMENDMENT RULES, 2008:

- (i) The applicant shall handle hazardous wastes as specified below:

Sr. No.	Item No. Of process substance generating HW as per Schedule-I/II	Type of waste	Quantity	Disposal
1	1.3	Process waste	15 Kg/month	CHWTSDF
2	34.3	ETP Sludge	30 Kg/month	

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 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.

8. General conditions:

- The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
- The applicant shall 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 shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution level.
- The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.** The applicant shall 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.
- The firm shall submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
- The applicant shall install a separate meter showing the consumption of energy for operation of industrial effluent treatment plants and air pollution control system. A


register showing consumption of chemicals used for treatment shall be maintained. The applicant shall also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption alongwith Environmental statement.

- (vi) Separate drainage system shall be provided for collection of sewage effluents. No effluent shall find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the industry.
- (vii) The applicant shall provide facility for collection of environmental samples and samples of sewage effluents and air emissions wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- (viii) The firm shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the industry premises.
- (ix) 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.

9. This Board reserves the right to amend, revoke or add any conditions in this consent and same shall be binding on the applicant.
10. This consent should not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deemed fit necessary.
11. The applicant shall not carry out expansion of the industry without prior permission of the Board.
12. If CETP cannot operate efficiently and problem of pollution occurs, industry should voluntarily stop the production or total effluent should be reused.
13. You shall ensure that your production shall be restricted to the generation of effluent as promised by you to the TEPS-CETP by reducing total daily generation of TEPS-CETP effluent from the list of its members submitted with voluntary closure in a staggered manner in the month of November, 2013 for one day of each week and two days of each week in the month of December, 2013, so as to restrict total generation of TEPS-CETP in a time bound manner to 25 MLD each day, which shall further be continued after December, 2013 as per proposal submitted by them dtd.23/10/2013, bank guarantee of Rs. 2.5 lakhs shall be charged for adhering to staggered schedule and which shall be valid for a period upto the validity of the consent / one year whichever is later, to be submitted within 15 days time from the date of issue of the Consent in the favour of Regional Officer, MPCB, Thane.
14. You shall operate and maintain existing ETP effectively, for which you shall furnish an irrevocable bank guarantee of Rs. 2.5 Lakh, which shall be valid for a period upto the validity of the consent / one year whichever is later, to be submitted within 15 days time from the date of issue of the Consent in the favour of Regional Officer, MPCB, Thane.
15. You shall not discharge any effluent in any other source other than the CETP sewerage drain for further treatment and disposal for which you shall furnish an irrevocable bank guarantee of Rs. 2.5 Lakh, which shall be valid for a period upto the validity of the consent / one year whichever is later, to be submitted within 15 days time from the date of issue of the Consent in the favour of Regional Officer, MPCB, Thane.
16. You shall upgrade and repair collection tank and hopper bottom settling tank units of the existing ETP and provide sludge drying bed within 3 months i.e. on or before 31/01/2014, for which, you shall furnish an irrevocable bank guarantee of Rs. 2.5

Lakh, which shall be valid for a period upto the validity of the consent / one year whichever is later, to be submitted within 15 days time from the date of issue of the Consent in favour of Regional Officer, MPCB, Thane.

17. You shall provide port hole and ladder to stack and maintain stack corrosion free within 3 months i.e. on or before 31/01/2014, for which, you shall furnish an irrevocable bank guarantee of Rs. 1.0 Lakh, which shall be valid for a period upto the validity of the consent / one year whichever is later, to be submitted within 15 days time from the date of issue of the Consent in favour of Regional Officer, MPCB, Thane.
18. You shall stop the use pet coke as fuel for Boiler/Thermopack and shall not change the fuel without obtaining Consent from the Board, for which, you shall furnish an irrevocable bank guarantee of Rs. 2.5 Lakh, which shall be valid for a period upto the validity of the consent / one year whichever is later, to be submitted within 15 days time from the date of issue of the Consent in favour of Regional Officer, MPCB, Thane.
19. You shall properly collect, transport & regularly dispose off the hazardous waste to CHWTSDF, in compliance of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and keep proper manifest thereof, for which, you shall furnish an irrevocable bank guarantee of Rs. 2.5 Lakh, which shall be valid for a period up to the validity of the consent / one year whichever is later, to be submitted within 15 days time from the date of issue of the Consent in favour of Regional Officer, MPCB, Thane.
20. You shall make provisions of flow meter, online pH meter and separate energy meter to pollution control devices including lock & key arrangement for treated industrial effluent on or before 31/01/2014, for which, you shall furnish an irrevocable bank guarantee of Rs. 2.5 Lakh, which shall be valid for a period upto the validity of the consent / one year whichever is later, to be submitted within 15 days time from the date of issue of the Consent in favour of Regional Officer, MPCB, Thane.
21. The Closure directions issued under section 33A of the Water (P&CP) Act 1974 and 31A of the Air (P&CP) Act 1981 vide letter No. MPCB/AST/TS CD/B-4631 dtd. 15/10/13 is withdrawn herewith. Executive Engineer, Division No. 1, MIDC, Thane & Executive Engineer, MSEDCL, Palghar, Thane are requested to reconnect water/electric supply of the industry.
22. This Consent is issued pursuant to the decision taken in the personal hearing extended to the industry on 29/10/13 and decision of Consent Committee meeting held on 07/11/13.
23. The capital investment of the industry is Rs. 30.25 Crores.


(Rajeev Kumar Mital)
Member Secretary

To,
M/s Ganesh Benzoplast Ltd. (Unit-II),
Plot No. D-21/2/2, MIDC Tarapur,
Dist. Thane.

Copy to:

- 1) Regional Officer, MPCB, Thane;
- 2) Sub-Regional Officer (Tarapur-I), MPCB, Thane;
- 3) Chief Accounts Officer, MPCB, Mumbai;

- 4) Cess Branch, MPCB;
5) Master file.

Received Consent fee of -

Amount	DD No.	Date	Drawn on
Rs. 2,25,000/-	017097	02/11/2011	ICICI Bank.
Rs. 2,00,000/-	052275	28/10/2013	ICICI Bank.
Rs. 2,00,000/-	345185	28/10/2013	Jankalyan Sahakari Bank.

- 6) Executive Engineer, Division No. 1, MIDC, Thane / Executive Engineer, MSEDCL, Palghar, Thane.
-They are requested to reconnect water/electric supply of the industry.

Maharashtra Pollution Control Board