


MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701		Kalpataru Point, 2 nd - 4 th Fl.
Fax: 24024068 / 24023516		Opp. Cine Planet Cinema,
Website: www.mpcb.gov.in		Near Sion Circle, Sion (E)
E-mail: enquiry@mpcb.gov.in		Mumbai-400 022.

RED/L.S.I

Consent No: BO/APAE/EIC No NM-4777-13/O-306 Date: 09/01/2013

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. Bharat Electronics Ltd.
Plot No. L-1, MIDC Area Taloja,
Dist. Raigad-410208**

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 a period up to: 30/09/2016.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	
1	Hydraulic System for traverse control	20	Sets/M
2	Aluminium Skinned shelter	50	Sets/M
3	Dosimeter Watch type	600	Nos/M
4	Electronic equipment assembly	1000	Nos/M
5	Night vision devices	500	Nos/M
6	Other Masts	1000	Nos/M
7	BFSR (MR)	12	Nos/M
8	Communication Antenna(GSM)	500	Nos/M
9	Hydraulic system for elevation control	20	Sets/M
10	Fly catcher Antenna	2	Sets/M

3. CONDITIONS UNDER WATER ACT:

The consent holder shall not discharge any effluent from the factory such as effluent, waste water, or any other liquid or solid waste into any water body or into the atmosphere without the prior written consent of the Board.

(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 27o C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be treated in sewage treatment plant & treated effluent shall be used on land for gardening / plantation only.

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

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Sludge from Sewage Treatment Plant	150	Kg/M	---	Used as Manure

(viii) **Other Conditions:** Industry should 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 there under

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

(i)	Domestic	...	60.0	CMD
(ii)	Industrial Processing	...	0.0	CMD
(iii)	Industrial Cooling	...	0.0	CMD
(iv)	Agriculture / Gardening	...	150.0	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 ACT:

Standards for Emissions of Air Pollutants:

(i)	SPM/TPM	Not to exceed	150	mg/Nm ³
(ii)	So ₂	Not to exceed	6.0	Kg/day

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	300	Ltrs./M.

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	DG Set (750 KVA X 2)	15.00 mch
2	Heating Unit	5.0
3	Preparation Booth (2 Nos)	6.30
4	Paint Booth (2 Nos)	6.30

a. Control Equipment: -

- 1) Dust collector of sufficient capacity shall be installed to all sources of SPM operate and maintain properly
- 2) Fume extraction system followed by scrubber of sufficient capacity shall be provided to paint booth section and operated properly.
- 3) There shall not be secondary emission.

6. 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 75 dB(A) during day time and 70 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

(vi) Other Conditions:

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry should monitor stack emissions and ambient air quality Regularly.

7. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:

(i) The Industry shall handle hazardous wastes as specified below.

Sr. No	Type of category	Type Of Waste	UOM	Disposal
1	5.1	Used/Spent Oil	6210 Kg/Y	To CHWTSDF
2	5.2	Waste/residue containing oil	6210 Kg/Y	To CHWTSDF
3	23.1	Waste adhesive material	170 Kg/Y	To CHWTSDF
4	21.1	Waste & residue paint	3030 Kg/Y	To CHWTSDF
5	31.1	Residue & waste	1000 Kg/Y	To CHWTSDF
6	31.2	Spent etchant, developer & solutions	1000 Kg/Y	To CHWTSDF

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste (M&H) Rules, 2003.
 - a. 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.
 - b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.

It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management & Handling) Rules, 1989 as amended on 2003 and shown & submitted to the Board as & when asked for.

9. Industry shall comply with following additional conditions:

- i. 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.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste – 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 to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. 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.
- vi. The applicant shall 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 shall pay to the Board for the services rendered in this behalf.
- vii. The applicant shall make an application for renewal of the consent at least 30 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the annual report of the consent holder.

