


# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701		Kalpataru Point, 2 <sup>nd</sup> - 4 <sup>th</sup> Fl.
Fax: 24024068 / 24023516		Opp. Cine Planet Cinema,
Website: <a href="http://mpcb.gov.in">http://mpcb.gov.in</a>		Near Sion Circle, Sion (E)
E-mail: <a href="mailto:mpcb@vsnl.net">mpcb@vsnl.net</a>		Mumbai-400 022.

BO/JD(APC)/EIC No.NK- 12438-12-R/CC-CAC-13/- 3693 Date: 29/04/2013.

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 EPCOS India Private Ltd.,  
Plot no.E-22/25, MIDC Satpur,  
Tal & Dist: Nashik.**

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:

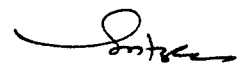
1. The Consent to Operate is granted for a period up to 28.02.2015.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Metalized Film(PP PET)	350	Ton/Month
2	A.C. Capacitor	30,00,000	Pieces/Month
3	M.K.K. Capacitor	40,000	Pieces/Month
4	D.C. Capacitor	2,40,00,000	Pieces/Month
5	PEC Capacitor	51,119	Pieces/Month

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be Nil.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 45M<sup>3</sup>.

(iii) Trade Effluent Treatment: N.A.



(iv) **Trade Effluent Disposal:** N.A.

(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	200 mg/l.
2	BOD 3 days 27o C.	Not to exceed	100 mg/l.

(vi) **Sewage Effluent Disposal:** The treated effluent shall be used on land for gardening / plantation only.

vii) **Other Conditions:**

1. 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:

Sr.no.		Qty
I	Domestic purpose	60 CMD
II	Industrial Processing	---- CMD
III	Industrial Cooling	25 CMD
IV	Agriculture and gardening	70 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. **Non Hazardous Solid wastes-**

Sr.No	Type of waste	Quantity	Treatment
1	Metalized Film	40,000 Kg/M	Sale
2	Aluminium Foils	2,000 Kg/M	Sale
3	Card boards drums	450 Nos /M	Sale
	Plastic Scrap	22,500 Kg/M	Sale
	Glass Scrap	1800 Kg/M	Sale
6	M.S. Drums	7,500 Nos /M	Sale
7	Assorted Aluminium	1550 Kg/M	Sale
8	Coil of Capacitors	550 Kg/M	Sale
9	Laminated pouches	2300 Kg/M	Sale
10	Metalized Polyester Film	1200 Kg/M	Sale
11	Wooden and Ply	22,000 Kg/M	Sale
12	Assorted paper and Factory waste	30,000 Kg/M	Sale
13	Stainless Steel	500 Kg/M	Sale
14	PP Film with Foil	2500 Kg/M	Sale

## 6. CONDITIONS UNDER AIR ACT :

- (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:

### (ii) Control Equipment:

1. Industry shall provide adequate air pollution control equipments to control air emissions at all sources of secondary emissions.
2. Industry shall provide Dust Collector, bag filter and adequate exhaust system to control air emissions.
3. There shall not be any secondary (fugitive) emissions.
4. Industry shall provide fume extraction system followed by dust collector provided to all dust generating section and shall be operated properly and continuously so as to achieve the following standards.

### 5. Standards for Emissions of Air Pollutants:

i	SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
ii	SO <sub>2</sub>	Not to exceed	113 Kg/Day

### (iii) 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.

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD (for DG Set)	270	Ltrs./Hr.

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	D.G.set (600 KVA)	5.0
2	D.G.set (380 KVA)	5.0
3	D.G.set (250 KVA)	5.0
4.	D.G.set (500 KVA)	5.0

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:

- 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 & TRANSBOUNDRY MOVEMENT) RULES, 2008:**

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

Sr.No	Item No. of Process generating HW as per Schedule-I	Type of waste	Qty	unit	Disposal
	5.1	used/spent oil	18.6	MT/Month	SPCB/CPCB authorized reprocessor or/CHWTSDF
2	31.1	Residue and Wastages	48	MT/Month	SPCB/CPCB authorized reprocessor or/CHWTSDF
3	33.1	Discarded containers Drums/barrels	500	Nos./Month	SPCB/CPCB authorized reprocessor or/CHWTSDF.
4	5.2	Oily Cotton	3.0	MT/M	CHWTSDF
5	23.1	Resin	3.0	MT/M	CHWTSDF

- (ii) Treatment: - NIL
- (iii) The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
- (iv) 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. Industry shall comply with following general 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 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, 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.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric 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.
- xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
9. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
10. Industry shall make application for renewal of consent at least 60 days before expiry of consent. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent emissions or hazardous waste or control equipments provided for without previous written permission of the Board.
11. Industry shall submit the Bank Guarantee of Rs. 10 Lakhs [Rs. 5 Lakhs + Rs. 5 Lakhs] validity of one year period in the Board within one month period towards operational and Maintenance of pollution control systems

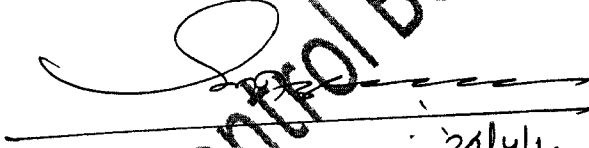
12. This consent is issued with the overriding effect of the earlier consent issued by the Board vide consent no.BO/JD (APC)/EIC No.NK-12438-12/R/CC-CAC-792 Date 21.01.2013.

13. This consent is issued with the approval of Consent Appraisal Committee Meeting of the Board in its meeting held on 22.03.2013.

14. This consent is issued with approval of Member Secretary vide order dated 09.04.2013.

15. The total Capital investment of the industry is Rs. 245.68 Crores

For and On Behalf of the  
Maharashtra Pollution Control Board,

  
V.M. Motghare 24/4/13  
Joint Director (Air Pollution Control)

To,  
M/s EPCOS India Private Ltd.,  
Plot no.E-22/25, MIDC Satpur,  
Tal & Dist: Nashik.

Copy to :

- 1) Regional Officer MPCB, Nashik. /Sub regional Officer MPCB, Nashik. - They are directed to obtain bank guarantee of Rs.10 Lakhs [5+5 Lakhs] from the industry and submit the compliance report with analysis results within one month to this office.
- 2) Chief Accounts Officer, MPCB Mumbai

Received Consent fee as per revised consent Fee GR dated 25.8.2011.

Amount	DD Number	Date	Drawn on
Rs.75,000/-	061965	09.10.2012	Citi Bank
Rs.50,000/-	061966	09.10.2012	Citi Bank
Rs.4,91,360/-	061967	09.10.2012	Citi Bank
Rs.4,91,360/-	061968	09.10.2012	Citi Bank
Rs.81,893/-	167380	12.04.2013	Citi Bank

- 3) Cess Branch, MPCB.