

# MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 3rd & 4th floor, Sion- Matunga  
Scheme Road No. 8, Opp. Cine Planet Cinema, Near  
Sion Circle, Sion (E),  
Mumbai - 400 022

Consent No: BO/CAC-Cell/UAN No. 0000066418-19/5th CAC- 1907000922

Date- 24/07/2019

To,  
M/s. Sigma Electric Manufacturing Corporation Pvt. Ltd.,  
Unit-III, Plot No. B-27,  
MIDC Chakan, Tq. Khed,  
Dist. Pune.

Subject: Consent to Establish for expansion under RED category.

- Ref : 1. Earlier Consent to Operate granted vide no. BO/CAC-Cell/UAN No. 0000031150-17/CAC1805000258 dtd. 07.05.2018 which is valid upto 30.09.2019.  
2. Earlier Consent to establish for expansion granted vide no. BO/CAC-Cell/UAN No. 0000052625-18/6<sup>th</sup> CAC-1901002238 dtd. 30.01.2019.  
3. Your application approved in CAC meeting held on 19.06.2019.

Your application:- 0000066418

Dated: 04.02.2019

For: Consent to Establish for expansion under Section 25 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 6 of the Hazardous and Other Wastes (M & T M) Rules 2016 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:

1. The consent to establish is granted for the period upto commissioning of the unit or 5 years whichever is earlier.
2. The proposed capital investment of the industry is Rs. 3.2 Crs. (Existing CI- Rs. 85.4 Cr + Expansion CI- Rs. 3.82 Cr + Expansion CI- Rs. 3.2 Cr as per Undertaking submitted by the industry).
3. The Consent is valid for the manufacture of -  
(Subject to having valid authorization from Board as "Actual User" of Hazardous Waste as per provisions of H & OW Rules, 2016)

Sr. No.	Product / By-Product Name	Maximum Quantity
1.	Powder Coating Activity of Existing products	550 MT/M
Using Environmental Sound Technology (EST) as per the Hazardous and Other Wastes (M & TM) Rules, 2016		

4. 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	Nil	As per Schedule -I	NA
2.	Domestic effluent	4	As per Schedule -I	On land for gardening

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Electric Power Coating Burner	01	As per Schedule -II
2.	Powder Coating Paint Booth	01	As per Schedule -II
3.	Melting Furnace	01	As per Schedule -II

6. Conditions about Non Hazardous Wastes: Not applicable

7. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Disposal
1.	Process waste	21.1	3000	Kg/M	CHWTSDF
2.	Waste/residue containing oil	5.2	4000	Kg/M	CHWTSDF
3.	Spent Carbon	36.2	5000	Kg/M	CHWTSDF

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.

10. Industry shall obtain valid authorization for recycling/reprocessing/utilization of Zinc fines/dust/ash and Aluminium scrap/dross within the process as per the provisions of the Hazardous and Other Wastes (M & TM) Rules, 2016.

For and on behalf of the  
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction No.	Date	Drawn On
01.	Rs. 15,000 /-	TXN1902000815	08.02.2019	E- payment


Copy to:

1. Regional Officer -Pune- Sub-Regional Officer-Pune-II, MPCB, Pune. They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website up-dation purposes.

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

- 1) A] As per your consent application, you have provided the sewage treatment system with the design capacity of 100 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] Industry shall reuse/recycle the treated sewage to the maximum extent in the process, toilet flushing, cooling tower make-up etc. and remaining shall be used on land for gardening within the factory premises and MIDC land for beautification as per the permission issued by the MIDC authority vide letter dated 24.06.2016 after confirming the above standards. There shall not be any discharge directly or indirectly outside the factory premises. Industry shall install online flow meter within one month.
- 2) 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.
- 3) 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.
- 4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	Nil
2.	Domestic purpose	5.0
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

- 5) 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.
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**Schedule-II**  
**Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect the 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.	Electric Power Coating Burner exhaust Curing Oven	Bag Filters	14	---	---	---	---
2.	Powder Coating Paint Booth exhaust	Dust Collector with Scrubber	12	---	---	---	---
3	Melting Furnace	---	32	LPG	60 Kg/hr	---	---

2. The Applicant shall provide Specific Air Pollution control equipment's 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 equipment's)
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> . |
|--------------------|---------------|--------------------------|
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:- Not applicable**

