

MAHARASHTRA POLLUTION CONTROL BOARD

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Regional Office:
Paryavaran Bhavan, Plot No.A-4/1,MIDC
Chikalthana, Behind Dainik Lokpatra, Near Seth
Nandlal Dhoot Hospital Jalna Road,Aurangabad-
431210

ORANGE/MSI/UAN No. 0000074944

Date: 26/07/2019

Consent No. RO-AURANGABAD/CONSENT/1907001037

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 & Other Wastes (Management & Transboundary Movement) Rules 2016.

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

CONSENT is hereby granted to

M/s. Brahm Precision Materials Pvt. Ltd.,
Plot No. K-221, MIDC Area, Waluj,
Dist: Aurangabad.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of H&OW(M&TM) 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 upto 30/06/2027.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Aluminium Diecasting	250	MT/M

(Without any metal surface treatment such as Electroplating, Coating, Painting, Pickling, Phosphating, Cyanide Based Heat Treatment, Enameling, Foundry activities & without any chemical process)

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 8.0 M³.

(iii) Trade Effluent : N.A.

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

1)	pH	Between	--	
2)	Suspended Solids	Not to exceed	--	mg/l.
3)	BOD 3days 27 Deg. C.	Not to exceed	--	mg/l.
4)	COD	Not to exceed	--	mg/l.
5)	Oil & Grease	Not to exceed	--	mg/l.
6)	Total dissolved Solids	Not to exceed	--	mg/l.
7)	Sulphates	Not to exceed	--	mg/l.
8)	Chlorides	Not to exceed	--	mg/l.

(iv) **Trade Effluent Disposal :** --

(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° C.	Not to exceed	100	mg/l.

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

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

Sr. No	Type Of Waste	Quantity	UOM	Treatme	Disposal
1	Non-hazardous Solid Waste	200	Kg/M	--	By sale

(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	...	10.00	CMD
(ii) Industrial Processing	...	00.00	CMD
(iii) Industrial Cooling	...	15.00	CMD
(iv) Agriculture / Gardening	...	00.00	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 :

(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 : Air pollution control equipments of adequate capacity shall be provided to limit the emissions.

Standards for Emissions of Air Pollutants :

- (i) SPM/TPM Not to exceed 150 mg/Nm³
(ii) SO₂ Not to exceed Kg/Day.

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Furnace Oil	30	Ltr./hr.
2	Diesel	40	Kg/hr.

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Melting Furnace	15
2	D.G. Set (325 KVA)	8

(iv) 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.

(v) 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.

(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.
- 3) The applicant shall plant minimum three varieties of trees such as Eucalyptus, Su Babul etc. and the density of same not less than 1000 trees per acre over 33% of the available open land.

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 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.
- 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

6. CONDITIONS UNDER HAZARDOUS & OTHER WASTE (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES, 2016.

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

Sr. No.	Item No. as per Sch-I	Type of Waste	Quantity	Disposal
1	5.1	Used/Spent Oil	8000 Ltr/A	By sale to authorized reprocessor
2	36.1	Sludge from wet scrubber	1000 kg/A	CHWTSDF

ii) Treatment :-

- a) 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, MPCB, HQ, Mumbai and concerned Sub-Regional Office.
- b) It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016 and shown & submitted to the Board as & when asked for.
- c) 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 and the production process should be stopped by taking safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without

permission of the Board and other statutory organizations as require under the law.


- d) Industry shall obtain registration from CPCB as a re-refiner of Used oil having environmentally sound technology as per the provisions of Hazardous & Other Waste (Management & Transboundary Movement) Rules 2016 before commencement of production.


7. 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 the 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 30th day of September every year, 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.
- ix. An 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.

8. This Consent shall not be construed any relaxation from obtaining necessary No Objection Certificate from other Government Agencies as may deemed fit necessary.
9. The total capital investment of the plant is **Rs. 1207.77 Lakh Only**.
10. The Board reserves the right to revoke, change or alter the terms and conditions of this Consent.

For and On Behalf of the
Maharashtra Pollution Control Board,


(A.D. Mohekar)
Regional Officer, Aurangabad



To,
**M/s. Brahm Precision Materials Pvt. Ltd.,
Plot No. K-221, MIDC Area, Waluj,
Dist: Aurangabad.**

Copy submitted to :-

1. The Member Secretary, MPCB, Mumbai.

Copy f.w.cs. to :-

1. The Chief Accounts Officer, MPCB, Mumbai.

Copy forwarded to :-

1. The Sub-Regional Officer, MPCB, Aurangabad.

Copy to Cess Wing/Statistical Wing/Air Wing/HWMH Wing, MPCB, Mumbai.

Copy to Master file.

Received Consent fee of

Sr. No.	Amount(Rs.)	DR/TXN No.	Date	Drawn On
1	250000/-	5452138	27/06/2019	HDFC Bank

Note : The Consent fees of Rs. 25000/- balance with the Board shall be considered at the time of further renewal of Consent to Operate.