

# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24020781 / 24010437  
 Fax : 24024068 / 24044532  
 Email : rohq@mpcb.gov.in  
 Visit At : <http://mpcb.gov.in>



Kalpataru Point, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> Floor,  
 Opp. Cineplanet,  
 Near Sion Circle, Sion (E),  
 Mumbai-400022.

RED/SSI/Recycler

Consent No: BO/MPCB/RO(HQ)/ PN-15/CR/B- 10581

Date: 28/11/2016

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 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016.

[To be referred as Water Act, Air Act and HW (MH&TM) Rules respectively].

CONSENT is hereby granted to,

M/s. Astron Engineers (I) Pvt. Ltd.,  
 Gat No. 131, Near Lavale Phata,  
 At Post. Pirangut, Tal. Mulshi,  
 Dist. Pune.

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; 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 valid up to: 30/06/2020.  
 [Subject to having valid Authorisation from MPCB as actual user of Hazardous Waste as per the provisions of the Hazardous & Other Wastes (M & TM) Rules, 2016.]

2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity
1.	Brass, Copper Billets, Ingots, Rods & Forging (Without any electroplating & painting activity)	3000 MT/A
Using EST as per HOW (M & TM) Rules, 2016.		

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 1.04 M<sup>3</sup>.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 6.0 M<sup>3</sup>.
- (iii) Trade Effluent:

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	5.5 to 9.0
2	Oil & Grease	Not to exceed	10 mg/l
3	Suspended Solids	Not to exceed	100 mg/l.
4	BOD	Not to exceed	100 mg/l.
5	COD	Not to exceed	250 mg/l.

(iv) **Trade Effluent Disposal:** The treated industrial effluent shall be reused for to the maximum extent and remaining shall be used on land for gardening / plantation only. There shall not be any discharge outside the factory premises.

(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 in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

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

Sr. No.	Type of Waste	Quantity	Disposal
1	Plastic, Rubber Scrap	50 MT/M	Sale to authorized recycler
2	Metal Scrap	05 MT/M	Sale to authorized recycler

(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 purpose	9.0 CMD
(ii)	Water gets Polluted & Pollutants are Biodegradable	3.0 CMD
(iii)	Water gets Polluted, Pollutants are not Biodegradable & Toxic	— CMD
(iv)	Industrial Cooling, spraying	5.0 CMD
(v)	Other	8.0 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:**

(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:

a. **Control Equipment:**

- 1] Scrubber of sufficient capacity shall be provided to melting furnace to control gaseous emission.
- 2] Dust collector with bag house sufficient capacity shall be provided to melting furnace and all other sources SPM emission

**Standards for Emissions of Air Pollutants:**

(i)	SPM/TPM	Not to exceed	50 mg/Nm <sup>3</sup>
(ii)	SO <sub>2</sub>	Not to exceed	36 Kg/Day

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

Sr. No.	Type Of Fuel	Quantity
1.	HSD	20 Ltr/Day
2.	LDO	0.8 KL/Day

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Furnace 1 & 2	11
2	Furnace 1 & 2	11
3	DG Set (125 KVA)	05 (above roof level)

- (iii) 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.

- (iv) 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.

- (v) **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.

**6. CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES, 2016:**

- i) The industry shall accept & process Copper Scrap, Brass Scrap, Zinc Scrap and Copper druid, as raw material of the capacity 4500 MT/A.

- a. The industry shall accept hazardous waste brought in through MPCB Authorized Transporter only.
- b. The industry shall follow Manifest system strictly while transporting Hazardous Waste.
- c. The industry shall inform the Board in its returns regarding quantity of hazardous waste accepted & HW disposed by it during the year.

The Industry shall handle hazardous wastes as specified below,

Sr. No.	Item No as per Sch-1	Type of Waste	Quantity	Disposal
1.	6.2	Zinc fines or dust or ash or skimming's in dispersible form	300MT/A	To Authorised Re-processor / CHWTSDF
2.	12.1	Acid Residue	0.24MT/A	CHWTSDF
3.	34.1	Chemical-containing residue arising from decontamination.	0.24MT/A	CHWTSDF
4	35.3	Chemical sludge from waste water treatment	2.0 MT/A	CHWTSDF

- ii) The authorization is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.
- iii) The authorization is subject to the conditions stated below and sub conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

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.

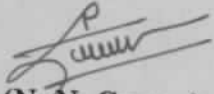
8. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.

9. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and shown & submitted to the Board as & when asked for.

**10. 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 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 pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. The industry shall submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form - IV by 30<sup>th</sup> June of every year.

- x. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
  - xi. 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.
  - xii. 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 downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
  - xiii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
  - xiv. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
  - xv. The authorization or its renewal shall be produce for inspection at the request of an officer authorized by the Maharashtra Pollution Control Board.
  - xvi. The person authorized shall not rent, land, sell, transfer or otherwise transport the Hazardous waste without obtaining prior permission of the Maharashtra Pollution Control Board.
  - xvii. Any unauthorized change in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
  - xviii. It is the duty of the authorized person to take permission of the Maharashtra Pollution Control Board to close down the facility.
  - xix. All the conditions of this Consent shall be strictly implemented and the Consent Order shall be displayed at a prominent location in the factory premises.
11. Board reserves the right to cancel/Amend/ Revoke the consent any time as per the policy of the Board.
  12. The Capital investment of the industry is Rs. 8.08 Crs.
  13. The applicant shall obtain Authorisation as Actual user of Hazardous Waste and shall comply with conditions stipulated in the Authorisation cum passbook certificate issued by the MPC Board.

  
 (N. N. Gurav)  
 Regional Officer (HQ)

To,  
 M/s. Astron Engineers (I) Pvt. Ltd.,  
 Gat No. 131, Near Lavale Phata,  
 At./Po Pirangut, Tal. Mulshi,  
 Dist. Pune.

**Copy to:**

- 1) Regional Officer, MPCB, Pune / Sub-Regional Officer-, MPCB, Pune - II
- 2) Chief Accounts Officer, MPCB, Mumbai
- 3) Cess Branch, 4) Master File.

Received Consent fee of -

Sr. No.	Amount	DD. No.	Date	Drawn On
1	1,25,100/-	031400	29/04/2015	Janta Sah. Bank Ltd.