

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

Red/S.S./Recycler
EIC-No. PN-20344-14

Date: 17/05/2014

Consent No: BO/RO(HQ)/HSMD/KN/CE/CC- 4663

Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 & 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. Chloride Metals Ltd.,

Gat No. 124 I-1242 Markal,

Tal-Khed, Dist. Pune.

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 Establish for Expansion & Modernization of Existing plant is granted for a period up to Commissioning of the unit or five years period, whichever is earlier.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Pure Lead and Lead Alloys for Re-Moulding	1500.0	MT/ Month

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed :- Nil.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed :-Nil

(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 quantity and operate and maintain the same continuously so as to achieve the quantity of the treated effluent to the following standards:

M/s. Chloride Metals Ltd.SRO Pune II/R/S/98328000

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Sr. No.	Parameter		Limits
1	pH	Between	5.5 to 9.0
2	BOD 3 days	Not to exceed	100 mg/l
3	COD	Not to exceed	250 mg/l
4	Oil & Grease	Not to exceed	10 mg/l
5	Suspended Solids	Not to exceed	100 mg/l.
6	Total Metal	Not to exceed	10.0 mg/l
7	Lead	Not to exceed	0.1 mg/l
8	copper	Not to exceed	3.0 mg/l
9	Cyanide	Not to exceed	0.2 mg/l

(iv) **Trade Effluent Disposal:** The balance treated effluent be reused/recycled in process to the maximum extent and remaining treated effluent shall be send to CETP or achieve Zero Discharge. 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	UOM	Treatment Disposal
1	Plastic / Rubber / PVC	150.0	MT/M	Sale to authorized party.

(viii) **Other Conditions:**

- a) Industry shall monitor effluent quality regularly.
b) Industry shall comply with the batteries (Management and Handling) rule 2001, amendment on 2010.
c) Industry shall deal with the dealers of Batteries who are obtained registration from Board.

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 ... 0.0 CMD
(ii) Industrial Processing ... 0.0 CMD
(iii) Washing & Cleaning ... 0.0 CMD
(iv) Industrial Cooling ... 0.0 CMD
(v) Agriculture / Gardening ... 0.0 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 of sufficient capacity shall be provided to melting furnace and all other sources of SPM emission.

b. Standards for Emissions of Air Pollutants:

(i) SPM/TPM	Not to exceed	50.0 mg/Nm ³
(ii) SO ₂	Not to exceed	10 Kg/Day
(iii) Lead	Not to exceed	10.0 mg/Nm ³

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

Sr. No.	Type Of Fuel	Quantity	UOM
1.	Coal	150.0	Kg/Day

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

Sr. No.	Chimney Attached To	Height in Mtrs.
	No Change in Existing stack	

- (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 WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:

The industry shall process Lead Plates, Lead Scraps, Lead Acid Scrap Batteries – 2000 MT/M as raw material.

- (i) The industry shall transport hazardous waste through MPCB Authorized Transporter only.
- (ii) The industry shall follow Manifest System strictly while transporting Hazardous Waste.
- (iii) The industry shall inform the Board in its Form 4 returns regarding quantity of hazardous waste accepted by it during the year.

- (iv) The industry shall submit the copy of Registration – cum – Bass – Book of facilities for Environmentally sound management of Hazardous Waste reprocessing as per the Batteries (Management & Handling) Rule, 2001, amended on 2010 & Hazardous Wastes (Management, Handling & Trans-boundary Movement) Rule 2008 obtained from MPC Board by maintaining the regular updates.
- (v) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1.	(H.W. Cat. 36.3) Acid from Scrap Batteries	7800	KL/A	Nano Filtration Plant (Re-used)

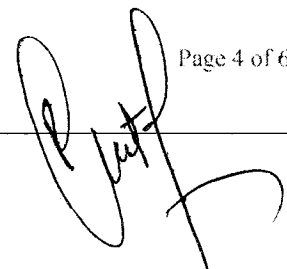
(vi) The authorization is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.

(vii) 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. Industry shall obtain registration from MPCB as a non ferrous metal recycler having environmentally sound technology as per the provisions of H.W. (M& H) Amendment Rule, 2003, before commencement of the production.
9. The board reserves the rights to Cancel / Amend/ Revoke the consent any time as per the policy of the Board.
10. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6' x 4' display board and the report of the compliance along with the photograph shall be submitted to this office and Regional Office.
11. It shall be ensured that the hazardous waste is handled, managed & disposed off strictly in accordance with the hazardous waste (M, H & TM) Rule, 2008 shown & submitted to the board as and when asked for.

12. General Conditions:

- The authorization shall comply with the provision of the environment (Protection) Act, 1986 and the Rules made there under.
- 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.
- The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- 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.



- v. 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.
- vi. 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.
- vii. 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.
- viii. **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the unit.**
- ix. 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.
- x. The industry shall submit the annual report as per Rule 9(2) of Hazardous waste (M&H) Rule 1989 as amended 2003 for the calendar year in form IV before 31st January of every year.
- xi. The person authorized shall not rent, land sell, transfer or otherwise transport the hazardous waste without obtaining
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- xii. 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 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.
- xiii. The industry shall ensure that fugitive emission from the activity is controlled so as to maintain clean and safe environment in and around the factory premises.
- xiv. The authorization or its renewal shall be produce for inspection at the request of an officer authorized by the State Pollution Control Board.
- xv. The person authorized shall not rent, land, sell, transfer or otherwise transport the hazardous waste without obtaining prior permission of the State Pollution Control Board.
- xvi. 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.

xvii. It is the duty of the authorized person to take permission of the Maharashtra Pollution Control Board to close down the facility.

xviii. 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.

13. This is issued pursuant to the decision of **Consent Committee** of the Board in its meeting held on 9th May 2014.

14. The proposed Capital investment of the industry is Rs. **21.75 Crore**.

15. This consent issued after considering the distance certificate showing 2.223 Km from Indrayani River, issued by Executive Engineer, Irrigation Dept. Pune-1. [vide no. पुपावि / प्रशा-1 / अंतरदाखला/ ४२०३/ २०१४ दि २६/०३/२०१४].

(Rajeev Kumar Mital) IAS
Member Secretary

To,

M/s. Chloride Metals Ltd.,
Gat No. 1241-1242 Markal,
Tal-Khed, Dist. Pune.

Copy to:

- Regional Officer, MPCB, Pune.
- Sub-Regional Officer, MPCB, Pune-II.
- Chief Account Officer, MPCB Mumbai.
- Cess Branch, MPCB, Mumbai

Received Consent fee of -

Sr. No.	Amount	DD. No.	Date	Drawn On
1	50,000/-	785456	20/12/2013	Corporation Bank