

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2nd, 3rd & 4th Floor,

Opp. Cine Planet, Near Sion Circle

Sion (E), Mumbai-400022

RED/SSI/Recycler

MPCB-CONSENT-0000046006

Consent No: BO/MPCB/RO(HQ)/CO/B-1807000144 Date: 05/07/2018

Amendment of 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 H & OW (M&TM) Rules respectively].

CONSENT is hereby granted to,

M/s. Zinco Chem Industries
S.No.5/1+2+3/3, BH. Power Deal Company,
Vilholi, Tal. & Dist. Nashik - 422010

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HOW(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 Amendment of Consent to Operate is granted for a period up to: 30/05/2023.

[Subject to having valid authorisation from MPCB as actual user of Hazardous 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.	ZINC SULPHATE	20 MT/M
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 0.25 M³
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 3.8 M³.

Trade Effluent Treatment: 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	30 mg/l.
5	COD	Not to exceed	250 mg/l.

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

(iv) **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
		NA	

(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	...	5.0 CMD
(ii)	Water gets Polluted & Pollutants are Biodegradable	...	2.0 CMD
(iii)	Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.0 CMD
(iv)	Industrial Cooling	...	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 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 ³
(ii) SO ₂	Not to exceed	2 Kg/Day
(iii) HCL/Acid Mist	Not to exceed	35 mg/Nm ³

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

Sr. No.	Type of Fuel	Quantity
1.		

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Scrubber	11

(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.

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

(i) **The industry shall accept & process Zinc Ash - 90 MT/A as raw material.**

- 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
		NA		

(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.

- a. 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.
- b. 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.
- c. 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.

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 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.**
- viii. **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 30th June of every year.**
- 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.
 - xiii. 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.
 - xiv. The authorization or its renewal shall be produce for inspection at the request of an officer authorized by the Maharashtra 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 Maharashtra 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.
 - xix. **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
8. **Board reserves the right to cancel/Amend/ Revoke the consent any time as per the policy of the Board.**
9. **The applicant shall comply with conditions stipulated in the Authoriastion and passbook issued by the MPCB vide No. MPCB/RO(HQ)/HSMD/Auth/18/H& OW/14 dated 28/06/2018 valid upto 31/052/2023 for Re-refining/reprocessing of Zinc Ash-90MT/A.**
10. **The Capital investment of the industry is Rs.21.95 Lakhs.**


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

To,
M/s. Zinco Chem Industries
S.No.5/1+2+3/3, BH. Power Deal Company,
Vilholi, Tal. & Dist. Nashik – 422010

Copy to:

- 1) Regional Officer, MPCB, Nashik
 - 2) Sub-Regional Officer-, MPCB, Nashik
 - 3) Chief Accounts Officer, MPCB, Mumbai
- Received Consent fee of –

Sr. No.	Amount	DD. No.	Date	Drawn On
1	7500/-	TXN1803004154	29/03/2018	Online Payment