



Meghalaya State Pollution Control Board

Forests & Environment Department, Government of Meghalaya

'ARDEN' Lumpyngngad, Shillong - 793014

Website : <http://megspcb.gov.in>



No. MSPCB/ONLINE/RCTO(O-1)/2021/2025-2026/41

Dtd: Shillong, the 17th April 2025

RENEWAL OF THE CONSENT TO OPERATE

CONSENT under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, as amended and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981, as amended (to be referred as Water Act and Air Act respectively).

CONSENT TO OPERATE granted to **M/s MAITHAN ALLOYS LTD.** Vide T.O Order No. MPCB/TB-CON-25(2006)/2009-2010/14 Dated Shillong the 3rd April, 2009 for operating a **SILICO MANGANESE & FERRO MANGANESE @ 120 TPD & FERRO SILICON @ 50 TPD** manufacturing Unit located at EPIP, Byrnihat, Ri-Bhoi District with a project cost of Rs. 19.00 Crores (Rupees Nineteen crores) only and which expired on 31st March 2025 is hereby renewed for a period of 1(one) year i.e upto **31st March 2026** under the following **terms and conditions**:

General Conditions:

1. This Consent has been accorded based on the particulars furnished by the applicant on behalf of **M/s MAITHAN ALLOYS LTD.** and subject to addition of further or more conditions if so warranted by subsequent developments. The Consent will automatically become invalid if any change or alteration or deviation is made in actual practice.
2. The Consent is valid for a period up to **31th March, 2026**. Application for renewal should be submitted via Online Portal of the Board megocmms.nic.in at least 60 (sixty) days before the date of expiry of the consent.
3. This Consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following:-
 - (a) Violation of any Terms and Conditions of this Consent;
 - (b) Obtaining the Consent by misrepresentation or failure to disclose fully all relevant facts;
 - (c) A change in any condition that require temporary or permanent reduction or elimination of the authorized discharge/emission;
4. This Consent does not convey any property right in either real or personal property or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central State or Local Laws or Regulation.
5. This renewal of Consent is valid for the manufacture of the above mentioned products/by products using the following raw materials:

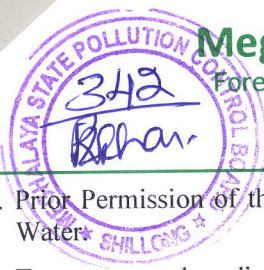
• Manganese Ore	• Quartz	• Dolomite	• High Manganese Slag
• Coke	• Carbon Electrode Paste	• Limestone	• M.S Scrap
• Charcoal	• Wood Chips	• Mill Scale	

6. No air, water and soil pollution shall be created by the Industry beyond the prescribed permissible limits.
7. The industry shall take adequate measures for control of noise from its own source so as to comply with the Standards below:

Limit in dB (A) Leq	
Day Time (6:00am-9:00pm)	Night Time (9:00pm-6:00am)
75	70

8. To maintain the environment and ecology of the area, development of green belt by planting selected species of trees, the height of which should not be less than 5 (five) metres when matured and at a spacing of 1 (One) metre should be made invariably around the Plant and the colony.
9. As per the provisions of the Water (Prevention and Control of Pollution) Act, 1974 as amended and the Air (Prevention and Control of Pollution) Act, 1981 as amended that any Officer empowered by the Board on its behalf shall have without interruption, the right at any time to enter the Plant/factory/for inspection, collection of sample for analysis and may call for any information as deemed necessary. Denial this right will cause withdrawal of the Consent Order.

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10. Prior Permission of the Central Ground Water Authority should be obtained for extraction of Ground Water.
11. To put up two hoardings of size 6 x 4 ft at the main entrance to the plant. One board shall contain with a specific Consent to Establish and Consent to Operate conditions, specific to the plant and other board shall carry their latest water, air, noise and solid waste monitoring data as well as the maximum vulnerable zone, if the unit is storing/handling Hazardous Chemicals.
12. Energy meter should be connected to the Pollution Control Device (PCD) at all time and is essential for assuring energy usage and optimum operation.
13. To submit an environmental statement for the financial year ending 31st March in Form-V on or before the 30th day of September every year.

Specific Conditions:

A) Air Aspect:-

1. The Air pollution control devices installed should be properly maintained so as to ensure control of the particulate emission from each stack of the Plant within **50 mg/Nm³**.
2. The chimneys/vents attached to various sources of emission shall be assigned with specific reference numbers such as S-1, S-2, etc and these shall be painted/displayed to ease identification. Sampling ports at appropriate location in the chimney/stack and adequate facilities like ladder, platform, etc. for monitoring of the stack emissions should be maintained. The frequency of monitoring of stack emission shall be every fortnightly and the monitoring Report should be submitted to the MSPCB on monthly basis.
3. The Ambient Air Quality within the Plant premises and surrounding areas should be maintained within the National Ambient Air Quality Standards prescribed below:-

Sl. No.	Pollutants	Time Weighted average	Concentration in Ambient Air (Industrial, Residential, Rural Areas) $\mu\text{g}/\text{m}^3$
1.	SO ₂	Annual 24 hours	50 80
2.	NO ₂	Annual 24 hours	40 80
3.	Particulate Matter, PM ₁₀ (size less than 10 μm)	Annual 24 hours	60 100
4.	Particulate Matter, PM _{2.5} (size less than 2.5 μm)	Annual 24 hours	40 60

4. Appropriate preventive measures should be adopted to reduce fugitive emission so as to control the concentration of suspended particulate matter in the ambient air.
5. To maintain internal roads to reduce dust retention in the air.
6. Date transmission from online CCTVs should not be disconnected at all times.
7. **Online Continuous Stack Monitoring Facilities to Particulate Matter Emissions on all the stacks should be online and if any maintenance work is to be carried out, prior information has to be intimated to the Board.**
8. Provision should be made for maintaining and plantation along the internal roads to reduce dust retention in the air.
9. **Real Time Online CCTVs cameras focusing towards the stacks of the unit which are installed shall be online at all time and if any maintenance work is to be carried out, prior information has to be intimated to the Board.**



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10. Regular sprinkling of water should be carried out around the plant and on the roof as installed so as to control the fugitive emission.
11. Monitoring of the Ambient Air Quality including micro-meteorological data in at least three ambient air quality monitoring stations established around the Plant premises should be carried out weekly for 24 hours and submit the report to the MSPCB on monthly basis.

B) Water Aspect:

1. The Daily quantity of Water Consumption shall not exceed 3300 KL per month.
2. Adequate drainage system should be provided (if not already in place) all around the raw material/product storage sheds to collect the run-off/service waste water and leachate from the sheds for proper treatment and disposal.
3. Monthly returns of water consumption for different purpose of usage should be furnished on or before the 5th day of every month in prescribed Form – 1.
4. Rain water harvesting facility should be adopted including facility for recharge of ground water.

C) Solid & Hazardous Waste Aspect:

1. Adequate facility should be created for collection, storage, transportation, treatment & disposal of Municipal Solid Waste generated from the Industry (non-hazardous industrial solid waste) and submit Action Taken Report within 3 (three) months from to-date.
2. Appropriate facility should be created and maintained for handling, storage, treatment & disposal of Hazardous waste generate from the industry in accordance to the provisions of the Hazardous & other waste (Management & Transboundary Movement) Rules, 2016 including Notifications, Guidelines issued there under. Action Taken Report should be submitted within 3 (three) months from to-date.
3. Adequate facility should be provided for storage of any hazardous substance/chemicals in accordance to the provisions of the Hazardous & other waste (Management & Transboundary Movement) Rules, 2016
4. Adequate system should be adopted for reduction of waste generation and enhancement of re-utilization & recycling of waste materials.
5. The Industry shall furnish the names & full address of the traders/firms supplying metal scraps to the Unit within 3(three) months from the date of this consent order.
6. Burning of solid waste generated from the unit is strictly prohibited. Violation of the prohibition shall be liable for penalty under the solid waste management rules 2016 and E (P) Act, 1986.

(Dr. G. H. CHYRMANG, MFS)
MEMBER SECRETARY

Meghalaya State Pollution Control Board,
Shillong.

Memo: No.MSPCB/ONLINE/RCTO(O-1)/2021/2025-2026/ 41-A

Dtd: Shillong, the 17th April 2025

Copy to:-

1. The Director of Commerce and Industries, Meghalaya, Shillong for kind information.
2. M/s MAITHAN ALLOYS LTD., EPIP, Byrnihat, Ri-Bhoi District, Meghalaya for information and necessary action.
3. Guard File-MSPCB/ONLINE/RCTO(O-1)/2021/2025-2026.

MEMBER SECRETARY

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