

# Meghalaya State Pollution Control Board

Forests & Environment Department, Government of Meghalaya

'ARDEN' Lumpyngngad, Shillong - 793014

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



No. MPCB/Con-567(Part-I) /2024-2025/ 70

Dtd: Shillong, the 4 June 2024

## RENEWAL OF THE CONSENT TO OPERATE

**CONSENT TO OPERATE** 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).

The **CONSENT to OPERATE** issued in favour of **M/S SHYAM CENTURY FERROUS LTD.** Vide T.O Order No. MPCB/TB-CON-25(2006)/2009-2010/14 Dated Shillong the 3<sup>rd</sup> April, 2009 and No. MPCB/ Con-567/2011-2012/117 Dated Shillong the 17<sup>th</sup> February, 2012 and subsequent renewal for operating a **Ferro Silicon Manufacturing Unit** with a **production capacity of 21,600 MTPA** located at EPIP, Byrnihat, Ri-Bhoi District and which expired on 31<sup>st</sup> January 2024 is hereby renewed for a period of 1(one) year i.e upto **31<sup>st</sup> January 2025** under the following **terms and conditions**:

### **General Conditions:**

1. 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.
2. The Consent to Operate is granted upto **31<sup>st</sup> January 2025** unless otherwise suspended or revoked. You are hereby directed to apply the next Renewal of Consent to operate of your unit through online portal [www.megocmms.nic.in](http://www.megocmms.nic.in) and to apply for *Renewal Consent to Operate* at least 30 (Thirty) days prior to expiry of this consent along with Detailed Compliance Report and Monitoring Reports.
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. No air, water and soil pollution shall be created by the Industry beyond the prescribed permissible limits.
5. 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

6. 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.
7. 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

Page 1 of 3

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anytime 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.

8. Prior Permission of the Central Ground Water Authority should be obtained for extraction of Ground Water.
9. 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.
10. 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  $50 \text{ mg/Nm}^3$ .
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. Online Continuous Emission Monitoring System (OCEMS) to monitor Gasses and Particulate Matter Emissions on all the stacks should be provided within 6 (six) months and status report shall be submitted to the Board.
4. 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) $\mu\text{g/m}^3$
1.	$\text{SO}_2$	Annual 24 hours	50 80
2.	$\text{NO}_2$	Annual 24 hours	40 80
3.	Particulate Matter, $\text{PM}_{10}$ (size less than $10 \mu\text{m}$ )	Annual 24 hours	60 100
4.	Particulate Matter, $\text{PM}_{2.5}$ (size less than $2.5 \mu\text{m}$ )	Annual 24 hours	40 60

5. Appropriate preventive measures should be adopted to reduce fugitive emission so as to control the concentration of suspended particulate matter in the ambient air.
6. Provision should be made for maintaining and plantation along the internal roads to reduce dust retention in the air.
7. 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.
8. CCTV cameras focusing on all the stacks and plant should be installed and link should be provided to the Meghalaya State Pollution control Board.

Page 2 of 3



# Meghalaya State Pollution Control Board

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9. Automatic water sprinklers installed should be operated on a regular basis in order to reduce

## B) Water Aspect:

1. The Daily quantity of Water Consumption shall not exceed 1800 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. 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.

This Consent has been accorded based on the particulars furnished by the applicant on behalf of **M/S SHYAM CENTURY FERROUS LTD.** and subject to addition of further or more condition if so warranted by subsequent developments. The Consent will automatically become invalid if any change or alteration or deviation is made in actual practice.

(Dr. G H Chyrmang, MFS)

**MEMBER SECRETARY**

Meghalaya State Pollution Control Board,  
Shillong.

Memo No. MPCB/Con-567(Part-I) /2024-2025/ 70-1A

Dtd: Shillong, the 14<sup>th</sup> June 2024

Copy to:-

1. The Director of Industries, Meghalaya, Shillong for kind information.
2. **M/S SHYAM CENTURY FERROUS LTD.**, EPIP, Byrnihat, Ri-Bhoi District. The Firm is instructed to apply for further renewal of the Consent to Operate prior to expiry of the validity date.
3. Guard File TB-CON-2024-RCTO

**MEMBER SECRETARY**