

MEGHALAYA STATE POLLUTION CONTROL BOARD



'ARDEN' LUMPYNGGAD,
SHILLONG - 793014

PHONE : 0364 - 2521533
2522802
2521514
2522726

email : megpscb@rediffmail.com

TELEFAX : 0364 - 2521217
2521764

No. MPCB/CON-567/2011 - 2012/106

Dtd. Shillong, the 27th October, 2011

CONSENT TO ESTABLISH 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 is granted to **M/s SHYAM CENTURY FERROUS LIMITED** for Expansion of its Ferro Alloy Plant (18 MVA to 27 MVA) with an annual production capacity of 21,600 MT/A of Ferro Alloys (Ferro Silicon/Silico Manganese) at EPIP, Byrnihat in RI-BHOI DISTRICT of Meghalaya with a Project Cost of ₹ 1300.00 Lakhs 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 SHYAM CENTURY FERROUS LIMITED** 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 to Establish is valid for a period upto **31st September 2012** unless otherwise suspended or revoked. The validity period shall be extended if necessary till such time the industry is commissioned for commercial production;
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 authorizes any injury to private property or any invasion of personal rights, nor any infringement of Central State or Local Laws or Regulation;
5. Application for Authorisation (in prescribed Form) under Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 as amended shall have to be submitted at least 3(three) months prior to commissioning of the Industry:
 - (a) Pet Coke is to be used instead of charcoal.
6. Prior Permission of the MSPCB should be obtained for trial run of the Plant and Machineries;
7. No air, water and soil pollution shall be created by the Industry beyond the prescribed permissible limits;

MEGHALAYA STATE POLLUTION CONTROL BOARD



'ARDEN' LUMPYNGGAD,
SHILLONG - 793014

PHONE : 0364 - 2521533
2522802
2521514
2522726
TELEFAX : 0364 - 2521217
2521764

email : megspcb@rediffmail.com

8. 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)
55	45

9. 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) meter should be made invariably at an area of 15 ha around the cement Plant and 2.0 ha around the colony;
10. 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;
11. All recommendations of the corporate Responsibility for Environment Protection (CREP) shall have to be adhered to.

Specific Conditions:

A) Air Aspect:-

- Appropriate pollution control devices shall have to be installed so as to control the particulate emission from the plant within 50 mg/Nm³;
- 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) µg/m ³
1.	SO ₂	Annual	50
		24 hours	80
2.	NO ₂	Annual	40
		24 hours	80
3.	Particulate Matter, PM ₁₀ (size less than 10 µm)	Annual	60
		24 hours	100
4.	Particulate Matter, PM _{2.5} (size less than 2.5 µm)	Annual	40
		24 hours	60



MEGHALAYA STATE POLLUTION CONTROL BOARD

'ARDEN' LUMPYNGGAD,
SHILLONG - 793014

PHONE : 0364 - 2521533
2522802
2521514
2522726

email : megpscb@rediffmail.com

TELEFAX : 0364 - 2521217
2521764

3. A Detailed layout of different process and points of emissions and position of stacks and chimneys shall have to be submitted to the Board prior to application for Consent to Operate.
4. 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
5. On-line continuous stack monitoring facilities to monitor gaseous emissions from all stacks shall have to be provided. :
6. A specific cell dedicated for environment management in the industry including a well equipped environmental laboratory managed by trained and experienced personnel shall have to be established:

B) Water Aspect:

1. The Daily quantity of Water Consumption shall not exceed 75 KL/day:
2. A Detailed Layout Plan of the Factory & premises showing water supply lines, storm drains, sewers shall have to be submitted to the Board prior to application for Consent to Operate. Various sources of effluent shall be assigned with specific reference numbers such as W-1, W-2, etc and these shall be painted/displayed to ease identification:
3. Adequate drainage system should be provided (if not already in place) all around the raw material/product storage sheds to collect the run-off and leachate from the sheds for proper treatment and disposal.
4. 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.
5. Rain water harvesting facility should be adopted including facility for recharge of ground water.
6. Adequate covered storage sheds for coal and fly ash shall have to be provided:

C) Solid & Hazardous Waste Aspect:

1. Adequate facility should be created for collection, storage, transportation, treatment & disposal of Municipal Solid Waste generated from the Residential Colony & Industry non-hazardous industrial solid waste:
2. Appropriate facility should be created for handling, storage, treatment & disposal of Hazardous waste generate from the industry in accordance to the provisions of the Hazardous Waste(Management, Handling & Trans Boundary Movement) Rules 2008 including Notification, Guidelines issued there under:
3. Adequate facility should be provided for storage of any hazardous substance/chemicals in accordance to the provisions of the Hazardous Waste(Management, Handling & Trans Boundary Movement) Rules 2008
4. Adequate system should be adopted on reduction of waste generation and enhancement of re-utilization & recycling of waste materials.