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CIN: U26942ML2003PLC007295

HCCL/HYCR/21-22/002

Date 29/06/22

To,

✓ Member Secretary,
Meghalaya State Pollution Control Board
ARDEN, Lumpyngngad
Shillong (Meghalaya) -793014

Sub: - Submission of Half Yearly Compliance Report of Cement Plant for the period
From 01st Oct 2021 to 31st Mar 2022.

Dear Sir,

With reference to the subject mention above we would like to submit our Half Yearly Compliance Report of Consent to Operate for the period from 01st Oct 2021 to 31st Mar 2022.

Kindly acknowledge the same and do the needful.

Thanking You

Your Faithfully

For Hills Cement Company Limited

HILLS CEMENT CO. LTD.

Authorized Signatory

Authorized Signatory

Copy to:-

The Joint Director (S), Ministry of Environment, Forest & Climate Change
NE Regional Office, Lumbatngen, Shillong 793021 for information

**HILLS CEMENT COMPANY LIMITED**

CORPORATE OFFICE: "SHIVAM COMPLEX", Bharalumukh, A.T. Road, Guwahati, Assam, PIN-781009 | Ph: (0361)2735527/52 E: hr@hccl.in, info@hccl.in
REGISTERED OFFICE & WORKS: Village Mynkree, 116KM Stone(NH 44), Sub Div: Khliehriat, Dist: Jaintia Hills, Meghalaya, PIN-793200



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**Compliance Report of Consent to Operate
Cement Manufacturing Unit
For The Period From 01st October 2021 To 31st March 2022**

HILLS CEMENT COMPANY LTD.

Vill: Mynkree, 116 KM Stone, NH – 44
Sub. Div.: Khliehriat, Dist: East Jaintia Hills
Meghalaya

GENERAL CONDITIONS

| Sl. No. | Condition | Status |
|---------|--|--|
| 01 | This Consent has been accorded based on the particulars furnished by the applicant on behalf of M/s HILLS CEMENT COMPANY 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. | Agreed. Condition complied. |
| 02 | 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. | Agreed. Condition complied. |
| 03 | 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. | Agreed. Condition complied. |
| 04 | No air, water and soil pollution shall be created by the Industry beyond the prescribed permissible limits. | Condition complied. All pollutants are within prescribed permissible limits. |
| 05 | Suitable measures shall be taken by the industry, to maintain the ambient noise level within the plant premises to within a maximum of 75 dB(A) Leq during the day, i.e. 6:00 AM to 10:00 PM, and 70 db(A) Leq during the night i.e. 10:00 PM to 6:00 PM. The areas outside the plant premises and in all adjoining villages shall be maintained within 55 dB(A) Leq during the day i.e. 6:00 AM to 10:00 PM, and 45 db(A) Leq during the night i.e. 10:00 PM to 6:00 PM. Noise monitoring is to be conducted weekly and submit the Reports to the Board on monthly basis. | Condition complied. Suitable and appropriate measures have been taken to keep the noise level within permissible limits. Noise monitoring reports are submitted regularly to the Board office. |

| Sl. No. | Condition | Status |
|---------|--|--|
| 06 | 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 at an area of 15 ha around the cement Plant and 2.0 ha around the colony. | Condition complied. Green belt is being developed gradually by planting suitable species of plants around the plant as well as the residential colony. |
| 07 | 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. | Agreed. Condition complied. |
| 08 | The Company shall comply with all the environment protection measures and safeguards recommended in the ELA/EMP and submit the Report to the concerned Authority with copy to this Board | Condition complied. EIA/EMP recommendations are being followed and implemented. |
| 09 | Domestic Wastewater generated from the factory' and colony shall have to be treated in a Sewage Treatment Plant. This treated water shall be utilized in greenbelt development around the plant and colony. Schedule Action Plan should be submitted within 3(three) months. | Condition complied. STP has been installed and functioning properly. Treated water is used for greenbelt development. STP Reports are already submitted in concern department. Enclosed the reports for your kind information. |
| 10 | All recommendations of the corporate Responsibility for Environment Protection (CREP) shall have to be adhered to. | All, the recommendations made in the Charter on Corporate Responsibility, for Environment Protection (CREP) for the Cement Plants are being followed. |
| 11 | Prior Permission of the Central Ground Water Authority should be obtained for extraction of Ground Water. | Condition complied. Enclosed the copy of NOC from CGWA for your kind information. |

SPECIFIC CONDITIONS

| Sl. No. | Condition | Status |
|---------|---|---|
| A | AIR ASPECT | |
| 01 | The Air pollution control devices installed should be properly maintained so as to ensure control of the emission from the Cement Plant as prescribed. | The Air pollution control devices are being regularly maintained. Presently we are carrying out regular monitoring and the emissions are within limits. |
| 02 | 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. | Condition complied. All the stacks are properly marked as recommended, with suitable provisions for emission monitoring and reports submitted to MSPCB. Enclosed monthly reports. |
| 03 | On-line continuous stack monitoring facilities provided for dust and gaseous emission should be properly maintained and monitored data should be regularly transmitted to Meghalaya State Pollution Control Board and Central Pollution Control Board. | The OCEMS connectivity is done with connected CPCB and Meghalaya SPCB and data is transferring both aforesaid servers regularly. Enclosed monthly reports. |
| 04 | Appropriate preventive measures should be adopted to reduce fugitive emission so as to control the concentration of suspended particulate matter in the ambient air. | Condition complied & Enclosed monthly reports. |
| 05 | Provision should be made for maintaining of plantation along the internal roads to reduce dust retention in the air. | Condition complied. Plantation has already started and we are trying to increase the green cover with further plantation. Enclosed photograph of plantation. |
| 06 | 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. | Condition complied. Currently ambient air quality monitoring is carried out on monthly basis and reports regularly submitted to MSPCB office. Enclosed monthly reports. |
| 07 | The Ambient Air Quality within the Plant premises and surrounding areas should be maintained within the National Ambient Air Quality Standards. | Condition complied. Concentration of the specified parameters is well within the prescribed limits. Enclosed monthly reports. |

| Sl. No. | Condition | Status |
|---------|---|---|
| B | WATER ASPECT | |
| 01 | The Daily quantity of Water to be drawn shall not exceed 1500 m ³ /day. | Condition complied. |
| 02 | A Detailed Layout Plan of the Factory & Residential premises showing water supply lines, storm drains, sewers shall have to be submitted to the Board within 3 (three) months from to date. 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. | The layout plan is being prepared and will be submitted as soon as it is ready. |
| 03 | Adequate drainage system should be provided (if not already in place) all around the coal and fly ash storage sheds to collect the run-off and leachate from the sheds for treatment in the ETP. | The drainage system has been upgraded and revamped as recommended and connected to the ETP. Enclosed monthly reports. |
| 04 | The industry shall provide (if not already provided) a comprehensive trade effluent treatment system consisting of Primary, Secondary and or Tertiary treatment as may be warranted with reference to influent quality and an appropriate sewage treatment system as is warranted with reference to influent quality so that the quality of the treated effluent/sewage achieved the prescribed Standards. | Condition complied. Both ETP and STP has been installed and working properly. The treated water quality conforms to the prescribed standards. Enclosed monthly reports. |
| 05 | Provision should be made for setting up requisite number of permanent water quality monitoring stations on the natural water courses both upstream and downstream and selection of sampling points/stations should be made in consultation with this Board. Monthly returns of water consumption for different purpose of usage should be furnished on or before the 5 th of every month in prescribed Form-1. | The monitoring stations are being selected and finalized in consultation with the Board. Submission of monthly return of water consumption will be started very soon. |
| 06 | Appropriate & approved Water meter should be affixed at the intake pipe line within the industry premises to record the water consumption by the industry for different purposes. | Water meter should be affixed at the intake pipe line within the industry premises. Photo of Water meter enclosed for your verification. |

| Sl. No. | Condition | Status |
|----------|---|---|
| C | SOLID & HAZARDOUS WASTE ASPECT | |
| 01 | Adequate facility should be created for collection, storage, transportation, treatment & disposal of Municipal Solid Waste generated from the Residential Colony and Industry (non- hazardous industrial solid waste). | Condition complied. |
| 02 | Appropriate facility should be created and maintained for handling, storage, treatment and disposal of Hazardous waste generated from the industry in accordance to the provisions of the Hazardous and Other wastes (Management & Trans boundary Movement) Rules, 2016, including Notifications. | Condition complied. Provisions will be made to use high calorific hazardous waste in the cement kiln. Planning has been finalized and Authorization of MSPCB for the use of Bio medical waste, has already been received along with NOC of State Pollution Control Board Sikkim. Enclosed NOC of State Pollution Control Board Sikkim |
| 03 | Adequate facility should be provided for storage of any hazardous substance/chemicals in accordance to the provisions of the Manufacture, Import & Storage of Hazardous Chemical rules, 1989. | Condition complied. |
| 04 | Adequate system should be adopted for reduction of waste generation and enhancement of re-utilization & recycling of waste materials. | Condition complied. |
| 05 | Facility should be created for utilization of plastic waste as co-fuel in the kiln. | We are evaluating available options to implement and comply with the condition at the earliest. |
