

To,

Date: 23.11.2022

The Joint Director
Ministry of Environment, Forest and Climate Change
North Eastern Regional Office,
Law-U-Sib, Lumbatngen,
Near MTC Workshop, Shillong-793021

Subject : - Six month Compliance report of EC stipulations on Amrit Cement Limited.

Reference: -Environmental Clearance vide letter no. J-11011/75/2009-IA-II (I).Dated 17.03.2010.

Dear Sir,

With reference to above mentioned letter, we are submitting herewith the Six Monthly Compliance Report of the given conditions of Environmental clearance vide letter no. J-11011/75/2009-IA-II (I).Dated 17.03.2010 from MOEF. along with results of monitored data for the period of April, 2022 to September, 2022.

Thanking you,

Yours faithfully,

FOR, AMRIT CEMENT LTD.

Authorized Signatory



30/11/22

Amrit Cement Ltd.

CIN: U26940ML2008PLC008302

1 | Page

Plant: Village: Umlaper, Elaka: Rymbai, P.O./P.S. Khliehriat, Dist: East Jaintia Hills, Meghalaya 793 200 | Ph: + 91 364 230 7077 | email: info@amrit.co.in
Registered Office: Opposite Horse Shoe Building, Lower Lachumiere, Shillong 793 001, Meghalaya | Ph: + 91 354 250 3192 | email: info@amrit.co.in

AMRIT CEMENT LIMITED

Village: Umlaper, Elaka- Rymbai Dist.: Jaintia Hills Meghalaya

COMPLIANCE STATUS

ENVIRONMENTAL CLEARANCE LETTER NO.F No. J-11011/75/2009-IA-II (I) Dated 17.03.2010

Period: From 1st April, 2022 to 30th September, 2022.

(A) Specific Conditions:-

SL. No.	Conditions	Compliance
i)	No Mining Activity shall be stated at the site without proper environmental clearance/ consent from the Central/State Government.	Noted Further 'Consent to Operate' for Operating 1.5 MTPA cement manufacturing unit along with 10 MW captive power plant for the year 2022-23 was renewed vide ref. No. MPCB/CON-14(2010)/Pt-II/2022-2023/19 Dt: 21-06-2022 Copy of Consent to Operate is enclosed as Annexure-I .
ii)	Online ambient air quality and continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. After expansion limit of SPM shall be controlled within 30 mg/Nm ³ by installing adequate air pollution control system viz. Electrostatic precipitations (ESPs) to clinker cooler and captive power plant (AFBC), bag house to raw mill/kiln and bag filters shall be provided to coal mill, cement mill etc. Adequate stack height as per CPCB guidelines shall be provided to AFBC boiler to control emissions. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit is shut down automatically. Data on ambient air, fugitive and stack emissions will be submitted to the Ministry's Regional Office at Shillong, Meghalaya Pollution Control Board (MPCB) and CPCB regularly.	Provided continuous stack monitoring facilities, high efficiency ESP for Clinker Cooler & Reverse Air Bag House (RABH) for Kiln & Raw mill. Bag filters for Cement mill & coal mill. Provided ESP for Captive Power Plant. With these high efficiency pollution control equipment's, SPM being maintained well within specified limit i.e. 30 mg/Nm ³ (G.S.R. 612(E) dated August 25, 2014). The entire Chimneys /stacks, installed areas per guideline. Data of Ambient air quality, fugitive emissions and stack emissions and ambient noise level monitoring are being submitted to the MOEF, Regional Office at Shillong, MPCB & CPCB regularly. Interlocking facility has been provided to all the Bag House and pulse jet bag filters. The online data of stack monitoring is given on CPCB website through suitable modem. The URL is glenscpb.glensserver.com Ambient air and stack monitoring data are attached as Annexure-II B & II A respectively.
iii)	An action plan shall be prepared and submitted to the Ministry's Regional Office at Shillong, for the control of SO ₂ emissions from the captive power plant.	Provided separate lime feeding hopper for boiler to control SO ₂ emissions.
iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R No. 826(E). Dated 16th November, 2009 shall be followed.	The company shall follow the National Ambient Air Quality Emission and all the monitoring results are as per norms.
v)	Possibilities shall be explored for the proper and	Gases generated from kiln fully being utilized for drying

	full utilization of gases generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility report shall be prepared and submitted to the Ministry and its Regional Office at Shillong within 3 months from the date of issue of the letter.	the moisture in the raw materials like lime stone, clay, shale & coal, by diverting the hot gases to Raw mill & coal mill section. There is also proposal under study to utilize the cooler exit gases for drying the moisture in Fly ash.
vi)	The Company shall install adequate dust collection and extraction system at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. to control fugitive emissions. All the raw material stock piles shall be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyers for transportation of materials will be provided besides coal, cement, fly ash and clinker will be stored in soils. Pneumatic system shall be used for fly ash handling. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag loading areas.	The company is already using water tankers for water sprinkling at loading & unloading points and all transfer points to control fugitive emissions. Provided dust extraction systems for all raw material transfer points. The raw materials viz. Clinker, fly ash and gypsum are stored in covered sheds. Finished products are stored in silos. Water tankers are deployed for water sprinkling at all the raw material stock yard and cement loading areas. Provided auto water sprinkling system facility on lime stone conveyer belt. Photographs are attached as Annexure-III .
vii)	Asphalting/concreting of roads and water spray all around the stockyard and loading/unloading areas in the cement plant shall be carried out to control fugitive emission, Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading points, transfer points and other vulnerable areas. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in the regard. Dust extraction/suppression system shall be provided at transfer points, crusher house, coal stock pile etc. Automatic dust cleaning system will be provided to clean floors to control fugitive dust emissions. The material shall be transported in covered chutes or trucks.	Asphalting/concreting of roads shall be provided. Presently regular water spraying all around the stockyard, critical areas prone and loading/unloading areas in the cement plant, plant road, and other vulnerable areas being carried out to control fugitive emissions. 1 st phase of road concreting already start about 500 meter from main road. The material being transported in covered chutes and trucks.
viii)	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the least permissible limits issued by the CPCB will be followed. New standards for the sponge iron plant issued by the Ministry vide G.S.R 414(E) dated 2008 shall be followed.	All necessary steps taken for proper control of emission levels including secondary fugitive emissions from all the sources within the least permissible limits as per CPCB notification.
ix)	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agriculture land. All the raw materials including fly ash shall be transported in the closed containers only and shall not be overloaded. Vehicular emissions shall be regularly mentioned.	Raw materials and end products being transported in covered containers, overloading is strictly prohibited. Vehicular emissions record being maintained at security main gate.
x)	Total water requirement for cement plant from River Thaw Dollia shall not exceed 2100 m3/day.	No ground water is used. The rejects of Water treatment Plant are neutralized in the neutralizing Pit

	No ground water will be used. Rejects of the water treatment plant shall be neutralized and boiler blow down shall be stored in common drain pit to cool naturally. Industrial effluent from captive power plant (CPP) shall be treated in effluent treatment plant (ETP). All the treated waste water shall be recycled and reused in the process and/or for cooling, dust suppression and green belt development and other plant related activities etc. No process wastewater will be discharged outside the factory premises and 'zero' discharge shall be adopted.	and used for dust suppression and plantations. Boiler blow down is separately drained for cooling. Back wash water of water treatment plant shall also be collected in a separate tank. No process water is discharged outside factory premises and Zero discharge is adopted.
xi)	Permission' for the drawl of 2,100 m3/day water from River Thew Dolliia shall be obtained from concerned Department. Sewage treatment plant (STP) shall be installed for the treatment of sewage from the colony and treated domestic effluent shall be used for green belt development within the plant premises. Domestic waste from colony and STP shall be segregated into bio- degradable and non-biodegradable, Bio- degradable waste shall be land filled at identifies sites.	Permission for drawl of 2100 m3 / day water from river Thwai Dolloi, is already obtained. STP is installed for the treatment of domestic effluent and treated effluent shall be used for green belt development. There is no sewage effluent as we are using Soak Pits for this purpose. The domestic waste shall also be segregated into Bio-degradable and non-biodegradable. Bio-degradable waste shall be composted and used for the green belt development. Non-biodegradable waste is used for land filling at identified sites.
xii)	Efforts shall be made to make use of rain water harvested. If needed. Capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement will be met from other resources.	During rainy season, we are not drawing any water from river Thwai Dolloi, but harvesting rain water flowing from water fall and pumping it to our reservoirs. Another scheme to harvest rain water flowing through storm water drain is also planned.
xiii)	All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Combustible wastes along with spent oil will be used as fuel in the kiln. Non-combustible wastes will be land filled for manure composting and non-compostable waste shall be land filled for composting and non-compostable waste STP sludge shall be used as manure for green belt development. Spent/used/waste oil and batteries shall be sold authorized recyclers/reprocesses only.	All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices being recycled and reused in the process and used for cement manufacturing. Spent/used/waste oil and batteries will be disposed to authorized recyclers/reprocesses only. We have already disposal hazardous waste authorized recyclers.
xiv)	Efforts shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	Being complied.
xv)	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made according. The company shall keep the record of the waste utilized and shall submit the details to Ministry's Regional Office at Shillong, CPCB and MPCB.	To improve heat efficiency in cement kiln, we are using high calorific waste as alternate fuel.
xvi)	All the fly ash shall be utilized as per Fly Ash Notification, 1999 subsequently amended in 2003.	Being complied.

xvii)	A Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Shillong. MPCB and CPCB within 3 months of issue of environment clearance letter.	Done.
xviii)	As proposed, green belt shall be developed in at least 10 ha. (33%) area in out of total 30 ha. Land in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.	The green belt has been developed in phased manner. At present 63515 trees are covered in an area of 7.46 ha. Local species are selected in consultation with local DFO and plantation is being done. Details are enclosed as Annexure-IV
xix)	Recommendation and permission of the State Forest Department regarding impact of proposed plant on surrounding reserve forest, if any shall be obtained and implemented. Further, Conservation Plan for the conservation of wild fauna in consultation with the State Forest Department shall be prepared and implemented.	No Reserve Forest is there in the vicinity, for the same we are consulting with state forest office to obtain clearance.
xx)	All the recommendations made in the Charter on Corporate Responsibilities for Environment Protection (CREP) for the Cement plants shall be implemented.	All the CREP recommendations are being followed.
xxi)	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.	Project completed, Presently we are providing housing with all necessary infrastructure and facilities such a toilets, safe drinking water, medical facility, health care for all.
xxii)	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 9th November, 2009 will be satisfactory implemented and separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Shillong.	All Commitments which was made during the Public Hearing are being satisfactory implemented.
xxiii)	At least 5% of the total cost of the project shall be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan will be prepared and submitted to the Ministry's Regional Office at Shillong. Implementation of such program shall be ensured accordingly in a time bound manner.	Corporate social responsibility (CSR) activities being under progress. We will submit the CSR report separately.
xxiv)(a)	The storage of coal dumps shall be housed by permanent sheds open on all sides and stacked on impervious floor, preferable cemented to prevent	Agreed for compliance. Construction of permanent shed for storage of coal with cemented flooring has been completed for storage

	ACID Mine Drain (AMD).	of coal and to prevent Acid Mine Drain (AMD).
xxiv)(b)	The project proponent shall construct garland drains along with Acid Mine Drains Neutralization tanks, in consultation with and approved by the State Pollution Control Board.	Agreed for compliance. Construction of Garland drains along with Acid Mine Drains Neutralization tanks work is going on, it will be complete by end of June, 2023.
xxiv)(c)	No direct discharge of AMD into any drains/natural drains shall be allowed; proper treatment of AMD shall be done by the Project proponent in the Neutralization Tank before releasing the water to the drain/natural drain, which shall be duly approved by the Meghalaya State Pollution Control Board.	Agreed for compliance. The Coal Shed is covered from all side to avoid any contamination of surface water due to storage of coal. All Garland drains will connect to Neutralization Tank before releasing the water to the drain/natural drain. No direct discharge of AMD will be assured by the PP.

(B)General Conditions:-

Sl. No.	Conditions	Compliance
i)	The project authority must adhere to the stipulation made by Meghalaya state Pollution Control Board (MSPCB) and state government.	ACL strictly adheres to the stipulation of MSPCB/State Govt.
ii)	No Further Expansion or Modification of the plant shall be carried out without prior approval of the Ministry.	No further expansion or modification of the plant is being carried on without prior approval of the competent authorizes.
iii)	At least four ambient air quality monitoring station shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO ₂ and Nox are anticipated in consultation with the Meghalaya state pollution control board. Data on ambient air quality monitoring and stack emission shall be regularly submitted to the ministry including its regional office at Shillong and Meghalaya Pollution control Board once in six months.	Presently we have engaged a third party to carried out ambient air monitoring, stack emission monitoring and noise level monitoring work. The six months data of ambient air quality and stack emissions are regularly submitted to MoEF Regional office, Shillong. Monthly ambient air quality monitoring reports are enclosed as Annexure- II(A) & II(B)
iv)	Industrial waste water shall be properly collected and treated so as to conform to the standard prescribed under GSR 422 (E) dated 19 th May 1993 and 31 st December 1993 or as amendment from time to time. The treated waste water shall be utilized for plantation purpose.	Generated waste water is being collected in neutralization pit and after it is being used for dust suppression and plantation purpose. We are maintaining zero discharge strictly.
v)	The overall noise level in and around the plant area shall be kept well within the standards (85 dB (A) by providing noise control measure including acoustic hoods, silencers, and enclosures etc, on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under Environmental (Protection) act, 1986 Rules 1989 viz.75 dBA (Day time) and 70 dBA (Night time)	The Ambient noise levels <75 dB(A) are maintained below Standards prescribed by MPCB/CPCB/MoEFCC. Monthly monitored Noise levels are enclosed as Annexure-II(C)
vi)	Proper housekeeping and adequate occupational health programmes must be taken up.	<ul style="list-style-type: none"> All the persons working in the dust/noise prone

	Occupational health surveillance programme shall be done on a regular basis and records maintained. The programme must include lungs function and sputum analysis test in six months.	<p>areas have been provided with personal protective equipment (PPE) such as helmets, safety glasses, industrial grade gloves, safety harnesses, gum boots, nose masks and earmuffs.</p> <ul style="list-style-type: none"> Occupational Health surveillance programme are being done on regular basis and records being maintained.
vii)	The company shall harvest the rainwater from the roof tops and storm water drains to recharge the ground water.	Implementation of this scheme is in progress.
viii)	The company shall undertake eco-development measures including community welfare measures in the project area.	The Company has taken adequate eco-developmental measures with the objective of balancing with the construction activity as per the advice of the Forest department
ix)	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP.	The Company is complying with all the environmental protection measures and safeguards recommended in the EIA/EMP.
x)	A separate environmental management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	Being complied. Recruited one environmental senior executive to lead environmental management cell. Required instrument has been purchased & full-fledged environmental lab established.
xi)	As proposed Rs. 50.00 Crores will be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures to implement the conditions stipulated by Ministry of Environment & Forests as well as the State Government and submit implementation schedule for all the conditions stipulated herein to the Regional Office of this Ministry at Shillong / Central Pollution Control Board/Meghalaya State Pollution Control Board. The funds so provided shall not be diverted for any other purpose.	Being done progressively in line with capacity build-up. The fund is being used for Maintenance of pollution control equipment's, Third party monitoring of environmental parameters, green belt development and training programs as per CPCB guideline. The recurring cost is attached as Annexure-V .
xii)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied
xiii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It will simultaneously be sent to the Regional Office of the MOEF at Shillong, the respective Zonal Office of CPCB and the Meghalaya SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ & NO _x (ambient levels as	Being complied.

	well as stack emissions) or critical sartorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
xiv)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitoring data (both in hard copies as well as by e-mail) to the Regional Office off MOEF, the respective Zonal Office of CPCB and the Meghalaya SPCB. The Regional Office of this Ministry at Shillong/CPCB/Meghalaya SPCB shall monitor the stipulated conditions.	Being complied.
xv)	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MoEF by e-mail.	Being complied.
xvi)	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Meghalaya SPCB and may also be seen at Website of the Ministry of Environment & Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same will be forwarded to the Regional Office at Shillong.	Complied.
xvii)	Project authorities shall inform the Regional Office at Shillong as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Complied.
xviii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above condition is not satisfactory.	Noted
xiv)	The Ministry reserve the right to stipulate additional condition if found necessary. The company in a time bound manner shall implement these conditions.	Noted

xx)	Any other conditions or alterations in the above condition will have to be implemented by the project authorities in a time bound manner.	Noted
xxi)	Any appeal against this environmental clearance shall lie with the national environmental appellate authority. If proffered within a period of 30 days as prescribed under section 11 of the national environmental appellate act 1977.	Noted
xxii)	The above conditions shall be enforced inter- alia under the provision of the water (Prevention and control) Act, 1974, the Air (Prevention and control) Act, 1981, the Environmental (Protection) Act, 1986, Hazardous Waste (Management and Handling) Rules, 2003 and the public liability (Insurance) Act, 1991 along with their amendments and rules.	Noted

Consent to Operate

Date: 31/03/2022

To,
The Member Secretary,
Meghalaya State Pollution Control Board,
'ARDEN' Lumpyngngad,
SHILLONG.

Sub: Renewal of our Consent to Operate for further one year.

Dear Sir/Madam,

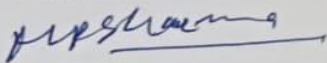
We are enclosing herewith a PO of Rs. 5,00,000/- (Five Lakhs) only dated 27/03/2022 (PNB PO No. 042743 drawn on Shillong) being the CTO renewal fee for the year ending March 2022-2023.

This is for your kind information and necessary action please.

Thanking you,

Yours faithfully,

For Amrit Cement Limited



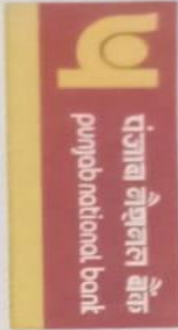
Authorized Signatory

Enclosed: Original copy of PO for Rs. 5,00,000/- (Five Lakhs) only dated 27/03/2022

Amrit Cement Ltd.

CIN: U26940ML2008PLC008302

Plant: Village: Umlaper, Elaka: Rymbai, P.O./P.S. Khliehriat, Dist: East Jaintia Hills, Meghalaya 793 200 | **Ph:** + 91 364 230 7077 | **email:** info@amrit.co.in
Registered Office: Opposite Horse Shoe Building, Lower Lachumiere, Shillong 793 001, Meghalaya | **Ph:** + 91 354 250 3192 | **email:** info@amrit.co.in



शिलांग (पश्चिम खासी हिल्स) मेघालय (003520)
SHILLONG (East Khasi Hills) Meghalaya-793001

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शाखा क्रमांक Branch Serial No.

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Punjab National Bank

PURCHASER: AMBIT CEMENT LIMITED

अदाकर्ता शाखा या डिबेंच Drawee Branch with D.No.

D.No. 4205 - FINACLE -

LATUKHARAL, SHILLONG FINACLE

(NOT OVER RS.500000/-)

प्रमाणित हस्ताक्षरकर्ता जी बी पी एस
AUTHORISED SIGNATORY WITH GBPA No.

प्रमाणित हस्ताक्षरकर्ता जी बी पी एस
AUTHORISED SIGNATORY WITH GBPA No.

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MEGHALAYA STATE POLLUTION CONTROL BOARD

ARDEN' LUMPYNGNGAD, SHILLONG - 793014

PHONE : 0364 - 2521533, 2522302, 2521514, 2522726

TELEFAX : 0364 - 2521217, 2521764

Book No. **255**

Receipt No. **079**

Date **31/03/2022**

Received from **Amrit Cement Ltd**

a sum of Rupees **Five Lakhs Only**

vide Demand Draft No./Cheque No./Bankers Cheque No./Cash **042243**

Dt. **25/03/2022**

on account of **RCTO**

₹ **5,00,000/-**

[Signature]
Member Secretary



MEGHALAYA STATE POLLUTION CONTROL BOARD

'ARDEN' LUMPYNGNGAD,
SHILLONG - 793014

email : mspcb@sancharnet.in

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

No.MPCB/TB-2(Pt-I)/A/2007-08/190

Dt. Shillong the 17th March 2008

NOTIFICATION

The Meghalaya State Pollution Control Board by resolution passed on Agenda Item 2.13 in its 48th Meeting held on 14.12.2007 adopted the revised structure of the consent fee in line with Assam State Pollution Control Board for implementation with effect from 01.04.2008 for the purpose of Grant-of-Consent under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 as under :-

Sl. No.	Total Capital Investment	Fee for Consent to Establish (Rs)	Fee for Consent to Operate & Renewal (Rs)
1	Industries having total investment upto Rs. 5.00 lakhs	2000.00	1000.00
2	Industries having total investment exceeding Rs.5.00 lakhs but not exceeding Rs.10.00 lakhs	5000.00	2500.00
3	Industries having total investment exceeding Rs.10.00 lakhs but not exceeding Rs.20.00 lakhs	8000.00	5000.00
4	Industries having total investment exceeding Rs.20.00 lakhs but not exceeding Rs.50.00 lakhs	12,000.00	7500.00
5	Industries having total investment exceeding Rs.50.00 lakhs but not exceeding Rs.1.00 crores	50,000.00	10,000.00
6	Industries having total investment exceeding Rs. 1.00 crores but not exceeding Rs.5.00 crores	75,000.00	25,000.00
7	Industries having total investment exceeding Rs. 5.00 crores but not exceeding Rs.10.00 crores	1,00,000.00	50,000.00
8	Industries having total investment exceeding Rs. 10.00 crores but not exceeding Rs.50.00 crores	2,00,000.00	1,00,000.00
9	Industries having total investment exceeding Rs. 50.00 crores but not exceeding Rs.100.00 crores	3,00,000.00	2,00,000.00
10	Industries having total investment exceeding Rs. 100.00 crores but not exceeding Rs.200.00 crores	5,00,000.00	3,00,000.00
11	200.00 Crores above	7,00,000.00	5,00,000.00


Member Secretary

Memo No.MPCB/TB-2(Pt-I)/A/2007-08/190-A

Dt. Shillong the 17th March 2008

Copy to : 1. The Under Secretary, to the Govt. of Meghalaya, PHE Department for information.



No. MPCB/CON-14(2010)Pt-II/2022-2023/ 19

Dtd: Shillong, the 21st June, 2022

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).

In supersession of the Consent to Operate granted vide T.O. No. MPCB/CON-14(2010)/2012-2013/39, dated 20th March, 2013, **CONSENT** is hereby granted to **M/s AMRIT CEMENT LIMITED** for operating a capacity of 1.5 MTPA Cement Plant along with 10 MW Captive Power Plant in conformity only with the Environmental Clearance issued by the Ministry of Environment Forest and Climate Change, New Delhi vide No. F. No. J-11011/75/2009-IA-II(I), dtd: 17th March, 2010 and Consent to Establish issued vide T.O. No. MPCB/CON-14(2010)/2010-2011/14, dated 7th May, 2010 located at Umlaper Village, East Jaintia Hills District with a Project Cost of Rs. 550/- Crores and which will expire on 31st March, 2021 is hereby renewed for a period of 2(two) years i.e upto **31st March, 2023** 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 AMRIT CEMENT 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. 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.
3. 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.
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 at least 10 ha. (33%) area in out of total 30 ha. land in and around the Cement Plant.
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 any time to enter the Plant/factory/for

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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. The Company shall comply with all the environment protection measures and safeguards recommended in the EIA/EMP and the terms and conditions of the Environmental Clearance.
9. 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.
10. All recommendations of the corporate Responsibility for Environment Protection (CREP) shall have to be adhered to.
11. Prior Permission of the Central Ground Water Authority should be obtained for extraction of Ground Water.
12. Environmental Statement in prescribed form V should be submitted on or before the 30th September every year.
13. Fire protection system shall be made available in coal stockyard and other vulnerable areas of the Thermal Power Plant. Fire protection system and machinery should be tested periodically and shall always be kept in operational mode. Mock drills shall be conducted regularly.

Specific Conditions:

A) Air Aspect:-

1. The Air pollution control devices installed should be properly maintained so as to ensure control of the emission from the **Cement Plant** as prescribed below:

Sl. No.	Parameter	Standards
1.	Particulate Matter	30 mg/Nm ³
2.	Sulphur Dioxide (SO ₂)	1000 mg/Nm ³
3.	Oxides of Nitrogen (NO _x)	800 mg/Nm ³
4.	Mercury (Hg)	0.03 mg/Nm ³
5.	HCL	10 mg/Nm ³
6.	HF	1 mg/Nm ³
7.	TOC	10 mg/Nm ³
8.	Hg and its compounds	0.05 mg/Nm ³
9.	Cd+Tl and their compounds	0.05 mg/Nm ³
10.	Sb+AS+Pb+Co+Cr+Cu+Mn+Ni+V and their compounds	0.5 mg/Nm ³
11.	Dioxins and Furans	0.1 ngTEQ/Nm ³

2. The air pollution control devices installed for the Thermal Power Plant should be properly maintained so as to ensure control of emission as prescribed below:

Sl. No.	Parameter	Standards
1.	Particulate Matter	50 mg/Nm ³
2.	Sulphur Dioxide (SO ₂)	600 mg/Nm ³
3.	Oxides of Nitrogen (NO _x)	300 mg/Nm ³
4.	Mercury (Hg)	0.03 mg/Nm ³

3. 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

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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.

4. 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. Remote calibration facility of gaseous emission should be made available and Action Taken Report should be submitted to the Board at the earliest.
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. All the raw materials shall be stored in covered shed to control fugitive emission.
7. Dust/particulate matter collected in pollution control device shall be reused. Spares should be maintained in respect of all pollution control devices. Maintenance and optimum functioning of the pollution control equipment should be carried out regularly.
8. Provision should be made for maintaining of plantation along the internal roads to reduce dust retention in the air.
9. 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.
10. 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 $10 \mu\text{m}$)	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

B) Water Aspect:

1. The Daily quantity of Water Consumption shall not exceed 18,600 KL/Month.
2. The installed trade effluent treatment system should achieved the prescribed Standard given in the following Table and the treated effluent shall be re-circulated and reused within the plant area. There shall be no waste water discharge outside the plant boundary.

S.NO	PARAMETER	STANDARDS
1.	Suspended Solids mg/l max	100
2.	pH value	5.5 – 9.0
3.	Temperature	Shall not exceed 5°C above the receiving water temperature
4.	Oil & Grease mg/l max	10
5.	Total Residual Chlorine mg/l max	1.0
6.	Ammoniacal Nitrogen (asN) mg/l max	50
7.	Total kjeldahl Nitrogen (asN) mg/l max	100
8.	Free Ammonia (as NH_3) mg/l max	5.0
9.	Biochemical Oxygen Demand (3 days at 27°C) mg/l max	30
10.	Chemical Oxygen Demand, mg/l	250

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Effluent generated from the Power Plant should meet the following standards:

Source	Parameter	Concentration not to exceed, mg/l (except for pH and Temperature)
Condenser Cooling Water (once through cooling system)	pH	6.5 to 8.5
	Temperature *	Not more than 5°C higher than the intake
	Free available Chlorine	0.5
Boiler Blowdown	Suspended Solids	100
	Oil & Grease	20
	Copper (Total)	1.0
	Iron (Total)	1.0
Cooling Tower Blowdown	Free available Chlorine	0.5
	Zinc	1.0
	Chromium (Total)	0.2
	Phosphate	5.0

- 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.
- 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.

C) Solid & Hazardous Waste Aspect:

- 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).
- 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 Wastes (Management & Transboundary Movement) Rules, 2016 including Notifications, Guidelines issued there under.
- Adequate system should be adopted for reduction of waste generation and enhancement of re-utilization & recycling of waste materials.
- 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 Environment Protection Act, 1986.
- Facility should be created for utilization of plastic waste/and hazardous waste as co-fuel in the kiln.
- The utilization of Flyash should be in accordance to the provisions of the Notification No. S.O. 2804(E), dated 03.11.2009 issued by the ministry of Environment and Forests, GOI under the Environment (Protection) Acts 1986 for which action plan is to be prepared and submit to this Board.

MEMBER SECRETARY
Meghalaya State Pollution Control Board
Shillong

Copy to:-

- The Director of Industries, Meghalaya, Shillong for kind information.
- M/s AMRIT CEMENT LIMITED**, C/o The Director, Opposite Horse Building, Lower Lachumiere, Shillong – 793001 for information and necessary action. The Firm is instructed to apply for further renewal of the Consent to Operate prior to expiry of the validity date.
- TB-CON-2022-RCTO

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