

Office Copy

Date-02.06.2023

To,
The Scientist 'D'
Integrated Regional Office,Guwahati
Ministry Of Environment
Forest & Climate Change
4th Floor,Housefeed Building
G.S.Road,Rukminigaon
Guwahati-781022(Assam)

SUB:Submission of six monthly post EC compliance report in respect of Cement Grinding Unit (200 TPD OPC/PPC) at Dag No.49,Pata No 12,P.O. Tapesia,Village Kamarkuchi(NC).Taluka Panabari,Dist Kamrup (M),Assam.

REF:ENVIRONMENTAL CLEARANCE LETTER F. No J-11011/687/2009- IA II (I), Dated August 27TH,2010.

Dear Sir,

With reference to the Environment Clearance obtained from MoEF we are hereby enclosing the Six Monthly Compliance Report for the period **Oct'2022 to March'2023** Environmental Clearance issued to us.

I hope that you will find it in order and do the needful.

Thanking You

Yours faithfully,



Copy to:

1. Member Secretary,Pollution Control Board Assam,
Bamunimaidam,Guwahati-21
2. The Regional Director
Zonal Office Central Pollution Control Board,Shillong
"TUM_SIR" Lower Motinagar
Near Fire Brigade H.Q-Shillong-793014
3. Regional Office,Guwahati-1
Pollution Control Board,Assam
Guwahati-21

COMPLIANCE REPORT OF ENVIRONMENTAL
CLEARANCE
FOR THE PERIOD OF OCTOBER-2022 TO
MARCH-2023

F. No. J-11011/687/2009- IA II (I)

SUBMITTED BY-

M/S A.G CEMENT LLP
SHINE TOWER, ARYA CHOWK
SARABBHATI, GUWAHATI-781008.

Name of The Company : M/s A.G. Cement LLP

Project : Cement Grinding Unit (200 TPD OPC/PPC) at Dag No.49, Pata No.12, P.O. Tapesia, Village Kamarkuchi (NC).Taluka Panabari, District Kamrup (M), Assam.

Environmental Clearance Letter : F. No. J-11011/687/2009- IA II (I), Dated August 27th, 2010.

A - SPECIFIC CONDITIONS

SN .	EC CONDITIONS	COMPLIANCE STATUS
(i)	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. Particulate emissions shall be controlled within 50 mg/Nm ³ by installing adequate air pollution control system viz. Bag filters and stacks of adequate height etc. Data on ambient air, fugitive and stack emissions shall be submitted to the Ministry's Regional Office at Shillong, Assam State Pollution Control Board (ASPCB) and CPCB regularly.	Continuous stack monitoring facilities are installed and data is directly transferred to Central Pollution Control Board and Pollution Control Board, Assam. Pollution control device are installed to control the particulate matter in cement Mill, packing and silo section. Ambient air, fugitive and stack emissions are being monitored regularly by a laboratory which is recognized by PCB, Assam & NABL. Monitoring data is being regularly submitted to the Ministry's Regional Office at Guwahati, ASPCB and CPCB Shillong.
(ii)	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	National Ambient air quality standards are being followed. Ambient air quality is regularly monitored by PCB, Assam as well as third party. Air Monitoring reports are attached as Annexure-I .
(iii)	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.	Stack of adequate height is installed to control gaseous emission. However secondary fugitive emission is controlled by installing water sprinkling system and plantation. Fugitive emission monitoring reports are referred as Annexure-I .
(iv)	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. All the raw material stock piles shall be covered. A closed clinker stockpile system shall be provided. All conveyers should be covered with GI sheets. Covered sheds for storage of	Adequate no of dust collection devices have been installed at various transfer points (loading, unloading etc). All conveyer belt (raw material and flyash belt) are fully covered to controlled dust emission. However transportation of material is also carried out in covered vehicles. However concrete road is completed within the factory premises. Dry Fog System has been installed at crusher to control fugitive Emission. Vehicle tyre washing pint also developed to control the fugitive emission.

EC COMPLIANCE REPORT FOR THE PERIOD 1ST OCTOBER'2022 TO 31ST MARCH'2023

SN	EC CONDITIONS	COMPLIANCE STATUS
	raw materials and fully covered conveyers for transportation of materials shall be provided besides coal, cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling.	
(v)	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 emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM 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 this regard.	All the internal roads are concrete. All the transfer points are provided with pulse jet bag filters to control on fugitive emission. However Water sprinkling is also done regularly to control the fugitive emission. Monitoring report is enclosed as Annexure-I.
(vi)	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and shall not be overloaded. Vehicular emissions should be regularly monitored	We are following all the guide lines for transportation of raw material. Vehicular emission also monitored regularly.
(vii)	Total water requirement for cement plant from bore wells shall not exceed 7m ³ /day. All the treated wastewater shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge shall be adopted.	Being a dry unit total water requirement is less than 7m ³ /day. ETP is installed for treatment of waste water generated in the canteen and laboratory. Treated water is used for dust suppression and green belt development. Being a dry unit 'Zero Discharge' status is also maintained for the entire plant. ETP water analysis enclosed vide Annexure-II
(viii)	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 shall be met from other sources.	Rain water harvesting structure is developed. If needed capacity of the reservoir will be enhanced. (photo already sent to MoEF, PCB, Assam). Harvested rain water is used to control the fugitive emission and green belt development.
(ix)	All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process used for cement manufacturing. Spent	Dust generated from pollution control devices are recycled and reused in the processes. We have done proper agreement with the authorized recycler for disposal of hazardous waste like spent oil, batteries etc. (copy of

EC COMPLIANCE REPORT FOR THE PERIOD 1ST OCTOBER'2022 TO 31ST MARCH'2023

SN	EC CONDITIONS	COMPLIANCE STATUS
	oil and batteries shall be sold to authorized recyclers / reprocessors only.	authorized already sent to MOEF Guwahati and PCB, Assam.)
(x)	Green belt shall be developed in at least 33 % area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO	Greenbelt is developed regularly around the periphery. It is developed in consultation with local DFO vide letter dated 28/05/14. All local available species are being planted at our premises mitigate the effects of air emission.
(xi)	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 should 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.	Point is noted & will be complied.
(xii)	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 structures to be removed after the completion of the project	Complied with.

B. GENERAL CONDITIONS

SN.	EC CONDITIONS	COMPLIANCE STATUS
(i)	The project authorities must strictly adhere to the stipulations made by the Assam State Pollution Control Board and the State Government.	Being complied. We Strictly follow all the stipulations made by Pollution Controlled Board, Assam.
(ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Agreed with.
(iii)	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards	We strictly followed the norms of Ministry Notification dated 19 th May 1993.

EC COMPLIANCE REPORT FOR THE PERIOD 1ST OCTOBER'2022 TO 31ST MARCH'2023

SN.	EC CONDITIONS	COMPLIANCE STATUS
	for the relevant parameters keeping in view the nature of the industry and its size and location.	
(iv)	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Shillong and the SPCB/CPCB once in six months.	Ambient air quality monitoring stations were established in consultation with Assam Pollution Control Board. Height of the stack will increase to reduce the emission level. Ambient air quality and stack emission regularly monitored and reports are submitted regularly to the MoEF Guwahati, SPCB, CPCB. Monitoring reports are attached as Annexure-I.
(v)	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Being a zero-discharge unit no Industrial waste water is generated. Only domestic effluent is generated, which is disposed through ETP. However construction of internal drainage system is completed.
(vi)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	The overall noise level in and around the plant are within the prescribed standards. We have undertaken all the necessary measures to control the noise levels within the limit. Noise monitoring report is attached as Annexure-I.
(vii)	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational health check up (including lung function & sputum analysis) is being carried out regularly. Records are maintained as per factories Act.
(viii)	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rain water harvesting system is installed in such a way so that entire rain water will collect and then it is diverted to the pond located near the site for the storage and recharge of ground water table.
(ix)	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	Point is noted. We will undertake various Socio-economic activity in the surrounding village.
(x)	As proposed, Rs 35 lakhs and Rs. 10.5	Proposed amount for CREP was used for

EC COMPLIANCE REPORT FOR THE PERIOD 1ST OCTOBER'2022 TO 31ST MARCH'2023

SN.	EC CONDITIONS	COMPLIANCE STATUS
	<p>lakhs shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Shillong. The funds so provided shall not be diverted for any other purpose.</p>	<p>environmental safeguard like Reverse Pulse Jet type Bag filters, environmental monitoring, installation of ETP and green belt development etc.</p>
(xi)	<p>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 the proposal. The clearance letter shall also be put on the web site of the company by the proponent.</p>	<p>Copy of clearance letter from Panchayat/ NGO is already sent to MOEF.</p>
(xii)	<p>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 shall simultaneously be sent to the Regional Office of the MoEF at Shillong. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral 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.</p>	<p>Report on status of compliance of the stipulated environment clearance conditions along with monitoring reports will upload on our website www.agcement.com Simultaneously reports are regularly sent to the Regional Office of MoEF Guwahati, CPCB Shillong, and the Pollution Control Board Assam.</p>
(xiii)	<p>The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Shillong/ CPCB / SPCB shall monitor the stipulated conditions</p>	<p>Six monthly EC compliance report and monitoring data are regularly sent to Regional office of MoEF Guwahati, Zonal office of CPCB and PCB, Assam.</p>
(xiv)	<p>The environmental statement for each financial year ending 31st' March in</p>	<p>Environmental statement for the year 2022-23 is enclosed as Annexure- III</p>

EC COMPLIANCE REPORT FOR THE PERIOD 1ST OCTOBER'2022 TO 31ST MARCH'2023

SN.	EC CONDITIONS	COMPLIANCE STATUS
	<p>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 Office of the MoEF at Shillong by e-mail.</p>	
(xv)	<p>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 SPCB and may also be seen at Website of the Ministry of Environment and 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 should be forwarded to the Regional office at Shillong.</p>	Complied with.
(xvi)	<p>Project authorities shall inform the Regional Office 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.</p>	Complied with.

ANNEXURE I

AIR MONITORING REPORT



NABL ACCREDITED
Certificate No. TC-7669

Recognized by Pollution Control Board, Assam

TEST REPORT

D.G SET NOISE LEVEL MEASUREMENT REPORT
Rep.No.DGNLMR_14010009_06A_087

Date: 18/03/2023

Name & Address:

M/s. A.G. Cement Pvt. Ltd.
Kamarkuchi(NC), Taluka Panabari,
P.O.: Tapesia, Dist: Kamrup (M),
Assam.

OCT/22 (Sample ID : EETNE/OCT/02/22 & ULR NO.: TC766922000000813F)

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	06/10/22	125 KVA - DG Set	56.2	71.4	71.57

NOV/22(Sample ID : EETNE/NOV/01/22 & ULR NO.: TC766922000000833F)

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	01/11/22	125 KVA - DG Set	58.1	72.0	71.81

DEC/22 (Sample ID : EETNE/DEC/10/22 & ULR NO.: TC766922000000858F)

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	12/12/22	125 KVA - DG Set	57.2	72.3	72.1

JAN/23(Sample ID : EETNE/JAN/10/23 & ULR NO.: TC766923000000010F)

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	11/01/23	125 KVA - DG Set	56.2	72.9	72.8

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.

Method of analysis : IS 4758 : 1968 RA : 2017

Sampling Instrument Used : SLM100 SLNO484-I-22, SLM 100 (213 DTC-2013)

DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.

For Envision Enviro Technologies North East, Guwahati


Utpal Bezbarua
(Environmental Chemist)


Dr. Pranita Chakraborty
Authorized/Reviewed by (Quality Manager)

Note: i) The results relate only to the parameters tested item sampled.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.



NABL ACCREDITED
Certificate No. TC-7669

Recognized by Pollution Control Board, Assam

Rep.No.DGNLMR_14010009_06A_087

Date: 18/03/2023

FEB/23(Sample ID : EETNE/FEB/09/23 & ULR NO.: TC766923000000032F)

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	10/02/23	125 KVA - DG Set	56.3	72.5	72.3

MAR/23(Sample ID : EETNE/MAR/10/23 & ULR NO.: TC766923000000057F)

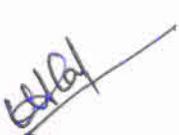
SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	13/03/23	125 KVA - DG Set	57.2	72.3	72.1

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.

Method of analysis : IS 4758 : 1968 RA : 2017

Sampling Instrument Used : SLM100 SLNO484-I-22, SLM 100 (213 DTC-2013)

DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
Authorized/Reviewed by (Quality Manager)

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Certificate No. TC-7669

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TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR_14010009_06A_088

Date: 18/03/2023

Name & Address:

M/s. A.G. Cement Pvt. Ltd.
Kamarkuchi(NC), Taluka Panabari,
P.O.: Tapesia, Dist: Kamrup (M),
Assam.

OCT/22 (Sample ID : EETNE/OCT/02/22 & ULR NO.: TC76692200000813F)

SL. NO.	DATE OF SAMPLING	LOCATION / SOURCE	NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm)
i)	06/10/22	Near Main Gate	71.4
ii)	07/10/22	Near Office Building	68.8
iii)		Near Packing Plant	73.2

NOV/22 (Sample ID : EETNE/NOV/01/22 & ULR NO.: TC76692200000833F)

SL. NO.	DATE OF SAMPLING	LOCATION / SOURCE	NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm)
i)	01/11/22	Near Main Gate	72.0
ii)	02/11/22	Near Office Building	69.2
iii)		Near Packing Plant	74.1

DEC/22 (Sample ID : EETNE/DEC/10/22 & ULR NO.: TC76692200000858F)

SL. NO.	DATE OF SAMPLING	LOCATION / SOURCE	NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm)
i)	12/12/22	Near Main Gate	70.2
ii)	13/12/22	Near Office Building	67.4
iii)		Near Packing Plant	72.5

JAN/23 (Sample ID : EETNE/JAN/10/23 & ULR NO.: TC766923000000010F)

SL. NO.	DATE OF SAMPLING	LOCATION / SOURCE	NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm)
i)	11/01/23	Near Main Gate	69.9
ii)	12/01/23	Near Office Building	68.0
iii)		Near Packing Plant	72.8

Remarks: : Noise level is carried out during 75% of the Day Time.

Method of analysis : IS 9989 : 1981 RA : 2014

Sampling Instrument Used : SLM100 SLM0484-I-22, SLM 100 (213 DTC-2013)

For Envision Enviro Technologies North East, Guwahati

(Quality Manager)

Note: i) The results relate to the tested parameters & items sample.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.



NABL ACCREDITED

Certificate No. TC-7669

Recognized by Pollution Control Board, Assam

Rep.No. ANLMR_14010009_06A_088

Date: 18/03/2023

FEB/23 (Sample ID : EETNE/FEB/09/23 & ULR NO.: TC766923000000032F)

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm)
i)	10/02/23	Near Main Gate	72.5
ii)		Near Office Building	70.3
iii)	11/02/23	Near Packing Plant	74.0

MAR/23 (Sample ID : EETNE/MAR/10/23 & ULR NO.: TC766923000000057F)

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm)
i)	13/03/23	Near Main Gate	70.8
ii)		Near Office Building	67.2
iii)	14/03/23	Near Packing Plant	73.4

Remarks: : Noise level is carried out during 75% of the Day Time.
Method of analysis : IS 9989 : 1981 RA : 2014

Sampling Instrument Used : SLM100 SLM0484-I-22, SLM 100 (213 DTC-2013)

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40


Utpal Bezbarua
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
Authorized/Reviewed by (Quality Manager)

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Recognized by Pollution Control Board, Assam

NABL ACCREDITED

Certificate No. TC-7669

TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_14010009_02_089

Date: 18/03/2023

Issued to : M/s. A.G. Cement Pvt. Ltd., Kamarkuchi(NC), Taluka Panabari, P.O.: Tapesia, Dist- Kamrup(M), Assam.

Sample Drawn By : UTPAL BEZBARUAH
 Sampling Plan & Procedure : EETNE/SOP/01
 Analysis Duration : OCT/22 06/10/2022 TO 12/10/2022, NOV/22 01/11/2022 TO 07/11/2022
 DEC/22 12/12/2022 TO 19/12/2022, JAN/23 11/01/2023 TO 18/01/2023
 FEB/23 10/02/2023 TO 16/02/2023, MAR/23 13/03/2023 TO 18/03/2023
 Sampling Instrument Used : STACK KIT/FLUE GAS ANALYZER
 Pollution Control Device, if any : NO/YES

OCT/22 (Sample ID : EETNE/OCT/02/22 & ULR NO.: TC766922000000813F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	06/10/22	Stack attached to DG Set- 125 KVA	0.016	-Data is within the permissible limit.

NOV/22(Sample ID : EETNE/NOV/01/22 & ULR NO.: TC766922000000833F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	01/11/22	Stack attached to DG Set- 125 KVA	0.018	-Data is within the permissible limit.

DEC/22 (Sample ID : EETNE/DEC/10/22 & ULR NO.: TC766922000000858F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	12/12/22	Stack attached to DG Set- 125 KVA	0.015	-Data is within the permissible limit.

JAN/23(Sample ID : EETNE/JAN/10/23 & ULR NO.: TC766923000000010F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	11/01/23	Stack attached to DG Set- 125 KVA	0.017	-Data is within the permissible limit.

Method of analysis : IS 11255 Part-III:2008 RA

Note: i) The results relate to the tested parameters & items sample.
 ii) The test report shall not be reproduced except in full, without written approval of laboratory.





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Rep.No. SAR_14010009_02_089

Date: 18/03/2023 Certificate No. TC-7669

FEB/23(Sample ID : EETNE/FEB/09/23 & ULR NO.: TC766923000000032F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	10/02/23	Stack attached to DG Set-125 KVA	0.015	-Data is within the permissible limit.

MAR/23(Sample ID : EETNE/MAR/10/23 & ULR NO.: TC766923000000057F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	13/03/23	Stack attached to DG Set-125 KVA	0.017	-Data is within the permissible limit.

Method of analysis : IS 11255 Part-III:2008 RA

Emission Standards for Diesel Engine for generator set :

Engine Power(P)	Parameter	Standards
56KW < P ≤ 560KW	Particulate Matter	0.02 g/kwhr

Utpal
Utpal Bezbarua
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Pranita
Dr. Pranita Chakraborty
Authorized/Reviewed by (Quality Manager)

Note: i) The results relate only to the parameters tested item sampled.
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Recognized by Pollution Control Board, Assam **NABL ACCREDITED**

Certificate No. TG-7669

TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_14010009_02_090

Date: 18/03/2023

Issued to : M/s. A.G. Cement Pvt. Ltd., Kamarkuchi(NC), Taluka Panabari, P.O.: Tapesia, Dist- Kamrup(M), Assam.

Sample Drawn By : UTPAL BEZBARUAH
 Sampling Plan & Procedure : EETNE/SOP/01
 Analysis Duration : OCT/22 06/10/2022 TO 12/10/2022, NOV/22 01/11/2022 TO 07/11/2022
 DEC/22 12/12/2022 TO 19/12/2022, JAN/23 11/01/2023 TO 18/01/2023
 FEB/23 10/02/2023 TO 16/02/2023, MAR/23 13/03/2023 TO 18/03/2023
 Sampling Instrument Used : STACK KIT/FLUE GAS ANALYZER
 Pollution Control Device, if any : NO/YES

OCT/22 (Sample ID : EETNE/OCT/02/22 & ULR NO.: TC766922000000813F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	06/10/22	Stack attached to bag filter of Raw Material feeding section	23.6	-Production capacity of the cement grinding unit 200 TPD. - Bag filter is attached to Cement mill.
ii)		Stack attached to bag filter of Cement Mill & Silo	21.8	

NOV/22(Sample ID : EETNE/NOV/01/22 & ULR NO.: TC766922000000833F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	01/11/22	Stack attached to bag filter of Raw Material feeding section	24.4	-Production capacity of the cement grinding unit 200 TPD. - Bag filter is attached to Cement mill.
ii)		Stack attached to bag filter of Cement Mill & Silo	22.0	

DEC/22 (Sample ID : EETNE/DEC/10/22 & ULR NO.: TC766922000000858F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	12/12/22	Stack attached to bag filter of Raw Material feeding section	23.1	-Production capacity of the cement grinding unit 200 TPD. - Bag filter is attached to Cement mill.
ii)		Stack attached to bag filter of Cement Mill & Silo	21.7	

Note: i) The results relate to the tested parameters & items sample.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.



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Certificate No. TC-7669

Rep.No. SAR_14010009_02_090

Date: 18/03/2023

JAN/23(Sample ID : EETNE/JAN/10/23 & ULR NO.: TC766923000000010F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	11/01/23	Stack attached to bag filter of Raw Material feeding section	24.9	<ul style="list-style-type: none"> -Production capacity of the cement grinding unit 200 TPD. - Bag filter is attached to Cement mill.
ii)		Stack attached to bag filter of Cement Mill & Silo	22.7	

FEB/23(Sample ID : EETNE/FEB/09/23 & ULR NO.: TC766923000000032F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	10/02/23	Stack attached to bag filter of Raw Material feeding section	23.0	<ul style="list-style-type: none"> -Production capacity of the cement grinding unit 200 TPD. - Bag filter is attached to Cement mill.
ii)		Stack attached to bag filter of Cement Mill & Silo	21.5	

MAR/23(Sample ID : EETNE/MAR/10/23 & ULR NO.: TC766923000000057F)

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	13/03/23	Stack attached to bag filter of Raw Material feeding section	25.2	<ul style="list-style-type: none"> -Production capacity of the cement grinding unit 200 TPD. - Bag filter is attached to Cement mill.
ii)		Stack attached to bag filter of Cement Mill & Silo	23.0	

Method of analysis : IS 11255 Part-III:2008 RA

Emission Standards :

Parameter	Standards
Particulate Matter	30mg/Nm ³

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbarua
(Environmental Chemist)

Dr. Pranita Chakraborty
Authorized/Reviewed by (Quality Manager)

Note: i) The results relate only to the parameters tested item sampled.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.



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NABL ACCREDITED

Certificate No. TC-7669

AMBIENT AIR ANALYSIS REPORT

Report Code : AAAR_14010009_01_085
Sample ID : EETNE/MAR/10/23

Date: 18/03/2023
ULR NO.: TC766923000000057F

Issued to : M/s. A.G. Cement Pvt. Ltd., Kamarkuchi(NC), Taluka Panabari, P.O.: Tapesia,
Dist: Kamrup (M), Assam.

Sample Drawn By : UTPAL BEZBARUAH

Sampling Plan & Procedure : EETNE/SOP/01

Analysis Duration : 13/03/2023 TO 18/03/2023

Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS

Pollution Control Device, if any : NO/YES

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)
i)	13/03/23	South side of the plant – Near Entrance Point	Clear	57.6	34.7	23.9	13.2
ii)		West side of the plant – Towards West Side from the Truck Parking Area.		53.2	32.8	20.5	12.7

Remarks:- Sampling were done under the annual based.

Method of analysis: For SO₂ = IS:5182 Part-II/ CPCB, NO₂ = IS:5182 Part-VI/ CPCB

PM₁₀ = IS:5182 Part-XXIII/CPCB, PM_{2.5} = USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I

NATIONAL AMBIENT AIR QUALITY STANDARDS:

SI. No.	Pollutant	Test Method	Time Average	Weighted	Concentration in Ambient Air	
					Industrial, Residential, Rural and Other Area	50
1	Sulphur Dioxide (SO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-II/ CPCB	Annual		80	
2	Nitrogen Dioxide (NO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-VI/ CPCB	Annual	24 hours	40	
3	Particulate (PM ₁₀), $\mu\text{g}/\text{m}^3$	IS:5182 Part-XXIII/ CPCB	Annual	24 hours	60	
4	Particulate (PM _{2.5}), $\mu\text{g}/\text{m}^3$	Matter USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I	Annual	24 hours	40	100
					60	

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbarua
(Environmental Chemist)

Dr. Pranita Chakraborty
Authorized/Reviewed by (Quality Manager)

Note: i) The results relate only to the parameters tested item sampled.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----



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Certificate No. TC 7669

TEST REPORT

FUGITIVE EMISSION ANALYSIS REPORT

Rep.No. 230318_14010009_04_086
Sample ID : EETNE/MAR/10/23

Date: 18/03/2023
ULR NO.: TC766923000000057F

Name & Address:

M/s. A.G. Cement Pvt. Ltd.
Kamarkuchi(NC),Taluka Panabari,
P.O.: Tapesia,Dist: Kamrup (M),
Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)		Near Parking Yard	1152	-Water spraying is done to control the fugitive emission.
ii)	18/03/2023	Near truck loading and unloading area	1249	-All materials are stored in closed sheds to mitigate fugitive emission.

Method used for Fugitive= IS 5182(PART IV) 1999/CPCB
Instrument used= RDS

For Envision Enviro Technologies North East, Guwahati


Utpal Bezbarua
(Environmental Chemist)


Dr. Pranita Chakraborty
Authorized/Reviewed by (Quality Manager)

Note: i) The results relate only to the parameters tested item sampled.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----

ANNEXURE II

ETP WATER ANALYSIS REPORT

Recognized by Pollution Control Board, Assam

TEST REPORT:

Report No: 230318_1502110_0
Sample ID No: EETNE/March/12/23
ULR No: TC766923000000025F
Test Starting Date: 14 /03/23

Date of Report: 18/03/23

Date of sample receipt: 14/03/23
Test completion Date: 18/03/23

Name & Address of Client	M/s. A.G. Cement LLP, Kamarkuchi (NC), Taluka Panabari, P.O.: Tapesia, Dist: Kamrup (M), Assam.				
Sample Description	Type: ETP Waste Water				Source: ETP (Outlet)
Sample collected by	M/s. En-vision Enviro Technologies North East				
Sample Collection Particulars	Date 14/03/2023	Time 11:00 A.M	Temperature 28°C	Quantity Drawn: 2L	Sampling Method :EETNE/SOP/02

SN	Parameter	Unit	Result	Method Followed by	Permissible Limit (CPCB)
1	pH	---	7.36	IS 3025(Part 11)1983(Reaffirmed 1996)	5.5-9.0
2	BOD	mg/L	22	IS 3025(Part 44)1993(Reaffirmed 2009)	30
3	COD	mg/L	65	APHA 23rd Edition 2017, 5220- B, Page No.5-18	250
4	Oil & Grease	mg/L	<2	IS 3025(Part 39)1991(Reaffirmed 2003)	10
5	Total Suspended Solids	mg/L	74.8	IS 3025(Part 18)1984(Reaffirmed 2002)	100
6	Total Dissolved Solids	mg/L	135.2	IS 3025(Part 16)1984(Reaffirmed 2002)	--

NOTE: (BOD) Biochemical Oxygen Demand, (COD) Chemical Oxygen Demand.

For Envision Enviro Technologies North East


Rimpi Sarma
Environmental Chemist
Test Done By


Dr. Pranita Chakraborty
Quality Manager
Authorized Signatory/ Reviewed by

Note: i) The results relate only to the parameters tested and item sampled
ii) The test report shall not be reproduced except in full, without written approval of laboratory

End of Report

Page 1 of 1

ANNEXURE III

ENVIRONMENTAL STATEMENT

PART : B
Water and Raw Material Consumption

(1) Water Consumption m³/day.

Process : - Nil

Boiler : - Nil

Domestic : - 3 m³/day (Domestic and Gardening Purpose)

Name of Products	Process water consumption per unit of products.	
	During the previous Financial year.	During the current Financial year.
	(1)	(2)
(1) PPC	Not Applicable	Not Applicable
(2) OPC	Not Applicable	Not Applicable

(ii) Raw Material consumption :

Name of Raw Materials	Name of products	Consumption of raw material per unit of output. (MT/MT)	
		During the previous Financial year.	During the current Financial year.
Clinker	PPC	23276.10 MT	33643.4 MT
Fly Ash	PPC	9458.90 MT	14418.6 MT
Slag		-	-
Gypsum	PPC	-	-

PART : C
Pollution Discharged to Environment/Unit of output
(Parameters as specified in the consent issued)

(i) Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/ volume)	Percentage of variation from prescribed standards with reasons.
(a) Water	NOT APPLICABLE, AS THERE IS NO WASTEWATER GENERATION.		
(b) Air	ALL PARAMETERS ARE WELL WITHIN THE NORMS PRESCRIBED BY THE BOARD.		

PART : D
Hazardous Wastes

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (kg/ ltr.)	
	During the previous Financial year.	During the current Financial year.
(a) From Process	N.A	N.A
(b) From Pollution control facilities	N.A	N.A

PART : E
Solid Wastes

	Total Quantity (kg.)	
	During the previous Financial year.	During the current Financial year.
(a) From Process	N.A	
(b) From Pollution control facilities	N.A	
(c) (1) Quantity recycled or re-utilised	Discarded Bags	. Nil
(2) Sold	N.A	
(3) Disposed	N.A	

PART : F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

All the HDPE Discarded Bags generated are return to suppliers and also reused by workers.

PART : G

Impact of the pollution control measures on conservation of natural resources and consequently on the cost of production.

Cost of consultancy & recurring cost of annual monitoring include electricity: Rs. 600000/- (Six Lakh) only.

PART : H

Additional measures/ investment proposal for environmental protection including abatement of pollution.

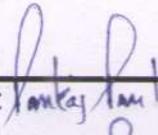
None

PART : I

Miscellaneous

Any other particulates for improving the quality of the environment.

None.

Signature : 

Name : PANKAJ PAUL

Designation: Quality Incharge.

Date: 02/06/23

Submitted to:

1. **Pollution Control Board Assam**
Bamunimaidam, Guwahati-21
2. **Integrated Regional Office , Guwahati**
Ministry of Environment
Forest & Climate Change
4th Floor, HOUSEFED Building
G S Road , Rukmini gaon
Guwahati – 781022 (Assam)



From : M/S A G Cement Pvt. Ltd.
Guwahati, Assam