Half yearly Compliance Report for the period from October 2024 to March 2025 on Environmental Stipulations for Expansion of Cement Plant (from 500 TPD-1000 TPD), Cement Grinding Unit at Dag. No. 292,287,286,296, Patta No. 27 & 41, Village – Bhamoraguri, Gaon Panchayat – Kuhumtali, Sub- Division Samaguri, Nagaon by M/s K.D. Cements – Environmental Clearance Letter No. SEIAA.47/2013/78 dated 25th March 2014

	as per letter dated 25 th March' 2014 of Environment Impact Assessment rity	Action to be taken	Compliance
SPEC	IFIC CONDITIONS		1990
(1)	Other necessary statutory clearances from the concerned Departments including 'No Objection Certificate' from the Pollution Control Board, Assam shall be obtained.	The company has obtained necessary statutory clearance certificate from the concerned department and got 'NOC' from the Pollution Control Board Assam.	Complied
(2)	Cement Grinding should be carried out in closed cement mill and stack emissions from various sources shall not exceed 50 mg/Nm3. As proposed, cyclone separator followed by reverse pulse jet type bag filter shall be provided along with stacks of adequate height as per the CPCB guidelines to control gaseous emission below 50 mg / Nm3. Stacks of adequate height shall be provided to DG sets. Continuous on – line monitors for particulate emissions shall be installed in stacks. 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 (s) is shut down automatically.	Cement grinding is being carried out in closed circuit cement mill and reverse pulse jet type bag filter with 100% polyster Non Woven felt with PTFE Membrane Laminated bag has provided to maintain the stack emission limit as per the guideline of CPCB. An adequate height has provided to cement mill and D.G. Set as well. On-line CEMS for particulate emission has installed in stack. Interlocking facility is also provided in the pollution control equipment. All the conditions are being followed by the project proponent.	Complied With. Adequate heights of stacks are being maintained and CEMS for continuous monitoring of dust is provided. Monthly stack emission report is attached at annexure -I.
(3)	Ambient air quality monitoring stations (AAQMS) shall be set up as per requirement in consultation with the SEIAA Assam, Assam Pollution Control Board (ASPCB). Ambient air quality including ambient noise monitoring shall be carried out regularly in consultation	up as per the guideline given by ASPCB. All the monitoring works such as AAQ, Noise, Stack & fugitive are being carried out by third party and the report are	Complied With. AAQ monitoring station has provided, as per the guideline.



	with SEIAA Assam and must not exceed the standards stipulated under EPA. Monitoring reports for ambient air, stack and fugitive emissions shall be submitted to the SEIAA, Assam, Regional Office MOEF at Shillong and PCB, Assam half-yearly. The instruments used for ambient air quality monitoring shall be calibrated time to time.	submitted to respective boards on half yearly basis. The calibration is being done time to time for the instruments used for AAQ monitoring by the third party.	
(4)	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at loading / unloading points and all the transfer points. Dust extraction systems comprising of hoods, duets, bag house, ID Fans and exhaust duets shall be provided to control the dispersion of fugitive dust. Bag filters shall be provided for de-dusting of storages and auxiliaries in different departments to control fugitive emissions. Fugitive dust emissions from all the sources including storage areas shall be collected in bag filters and recycled back to the process. Storage of raw material shall be in closed roof sheds. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag loading areas.	The company has installed adequate nuisance bag filters for controlling the fugitive dust emission at particular places. The dust collected is being recycled back in the process. A closed roof shade has constructed for the storage of raw materials, water sprinkler are provided in the raw materials stock yard and cement bags loading area.	Complied With. Nuisance bag filters has provided to mitigate the fugitive dust emission. Water sprinkling is being done to control fugitive dust emission
(5)	Asphalting/Concreting of roads and water spray all round the stock yard 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 PM and RSPM such as haul road, loading and unloading points, transfer points and other vulnerable areas. It's shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	In order to control fugitive dust emission, regular water sprinkling is being done in all over the plant premises and especially in critical dust prone areas for maintaining the standard limit given by the CPCB. The company has completed at least 95% of concreting of internal road of factory premises.	Complied With. Water sprinkling is being done to control fugitive dust emission



(6)	Efforts shall be made to reduce impact of transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials should be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored and comply standard limit.	The company assures that all the raw materials/ products are transported with proper precautions and vehicular emission is being monitored regularly.	Complied With
(7)	Total ground water requirement for the cement plant shall not exceed 16m3 /day. Clarifier and sludge pond shall be provided for removal of suspended solids. Oil and grease shall be removed from the contaminated water by means of oil traps and skimming devices. Treated wastewater shall be utilized for dust suppression and green belt development inside - the plant premises. No liquid effluent shall be discharged from the process outside the premises and all the treated wastewater shall be utilized for green belt development and other plant related activities 'Zero' effluent discharge shall be maintained. Domestic wastewater shall be treated through septic tank and dispose off through soak pit.	Company ensures that total ground water consumption will not exceed form 16 m ³ /day for industrial and domestic process. Company is complying 'Zero' discharge. The domestic waste water is being treated and dispose off through soak pit Hence the mentioned limit is maintained.	Complied With. Water consumption is being monitored on regular basis.
(8)	Prior 'Permission' for drawl of additional quantity of 4m3 /day ground water from the State Ground Water Board / Central Ground Water Authority (SGWB / CGWA) shall be obtained and a copy submitted to the SEIAA, Assam within 3 months of issue of environmental clearance letter.	The company has got NOC for drawl of underground water vide NOC No.CGWA/NOC/IND/REN/2/2024/ 8988, Dated – 30/01/2024 Valid Upto -13/03/2027	Agreed to complied With
(9)	Solid waste viz dust generated from air pollution control equipments shall be properly recycled and reutilized in the cement plant itself. No solid waste shall be discharged from the grinding unit. Treated domestic sludge shall be used as manure for green belt development. Used/ spent oil shall be sold to authorized recyclers / preprocessors.	Solid waste generated from the air pollution control equipment are being properly collected and reutilized in the plant itself. No solid waste is discharged and treated domestic sludge is used as manure for green belt development.	Complied With Solid waste from pollution control equipment is being utilized with raw materials.



(10)	As proposed, green belt shall developed in 7,548 m ² (33%) out of total 22,872 m ² area mitigate the impact of fugitive emissions in an around the expansion project as per the CPCB and action plan is to be submitted to SEIAA, Assam.	Development of green belt up to 33% of the project area i.e. 7,548 m3 of land is developed as green belt.	Complied With Plantation Phographs attached at Annexure -II
(11)	All the recommendations mentioned in the Corporate Social Responsibility or Environmental Protection (CREP) shall be followed and complied.	The company abides to follow and comply all the recommendations mentioned in the CSR or CREP activities.	Complied with
(12)	Rain water harvesting measures shall be adopted. The Company must also harvest the rain water from the roof tops and storm water drains to recharge the ground water and used the same water for the various activities of the project to conserve fresh water. Action taken so far in this regard shall be intimated to SEIAA, Assam.	Rain water harvesting measure has taken by the company.	Complied with
(13)	Excess water along storm water during monsoon should not be discharged into the surrounding low lying area. The storm water during monsoon will be collected in a pond and after appropriate treatment shall be stored in a reservoir for use in plantation, dust suppression etc.	The company has excavated a pond for collection of excess water along storm water during monsoon and after appropriate treatment it is stored in reservoir for use in plantation and dust suppression etc.	Complied with
(14)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. 100% fly ash utilization shall be ensured as per fly ash notification of MoEF, Government of India. Utilized fly ash and bottom ash shall be stored in the ash pond separately through high concentration slurry disposal method. Mercury - levels along with other heavy metals (Pb, Cr, As, etc.) should monitored in the fly ash / bottom ash, leachates and effluents emanating from the ash pond. Ash pond shall be lined with HDPE / LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke	Fly ash in dry form is being stored in closed storage facility and 100% fly ash is utilized in the process. Adequate safety measures are provided. No wet fly ash is being utilized by the company.	Complied With

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	from getting breached.		
(15)	Adequate safety measures shall be provided in the plant area to check / minimize spontaneous fires in coal yard, especially during summer season. Details of these measures to be taken along with location plant layout shall be submitted to the SEIAA, Assam.	defined and well maintained to check any likely accidents/incidents. Since, coal is not being used by company for manufacturing process, chances of spontaneous fires in coal is nil. For other fire accident adequate safety measures are implemented.	Complied With.
(16)	Storage facility for auxiliary liquid fuel such as LDO and HFO/LSHS shall be made in the plant area where risk is Minimum. On site and off site Disaster Management Plans shall be prepared to meet any eventuality in case of an accident taking place. Mock drills shall be conduct regularly and based on the same, modifications required, if any shall be incorporated in the Disaster Management Plan (DMP). Sulfur content in the liquid fuel will not exceed 0.5%.	Disaster management plan to meet the eventuality in case of accident has prepared and defined. Mock drill is being conducted regularly accordingly. Sulfur content of liquid fuel is also being monitored.	Complied With
(17)	Regular monitoring of ground water in and around the ash pond shall be carried out, records maintained and half yearly reports shall be furnished to the SEIAA, Assam.	As 100% dry fly ash is being utilized in the process and so no ash pond is required, therefore contamination of ground water due to wet ash is not possible.	Complied With
(18)	First aid and sanitation arrangements shall be made for the drivers and other contract workers.	First aid & sanitation arrangements are made for the workers.	Complied With
(19)	An Environmental Cell comprising of at least one expert in environmental science / engineering, occupational health and social scientist, shall be created at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the head of the organization and he shall be held responsible for implementation of environmental regulations and social impact improvement/ mitigation	The company has appointed an EHS officer to monitor and mitigate environmental measures.	Complied With
	measures. mitigation	D. CEMENTS	

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(20)	The company shall provide housing for labour within the site with all necessary infrastructure and facilities such as fuel for cooking, toilets, STP, Safe drinking water, medical health care, etc.	step in this regards by constructing a residential colony, medical health	
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A. GENERAL CONDITIONS

In respect of the Cement Grinding Unit the following general conditions shall be adhered to the project proponent:

(1)	The project authority must adhere to the stipulations made by Pollution Control Board (Assam) and State Government.	The company adheres the stipulation made by PCB Assam & state government	Agreed for compliance.
(2)	No further expansion or modification of the plant shall be carried out without prior approval of SEIAA, Assam.	The company assures that no further expansion or modification of plant shall be carried out without prior approval of SIEAA.	Agreed for compliance.
(3)	At least four ambient air quality – monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM _{2.5} , PM ₁₀ , SO ₂ and Nox are anticipated in consultation with the SEIAA, Assam, and PCB Assam. Data on ambient air quality and stack emissions shall be regularly submitted to this SEIAA, Assam, Regional Office, MoEF at Shillong once in six months.	As per the guidelines of PCB Assam, AAQ/Stack emission monitoring is being carried out on regular basis and the reports are submitted to respective boards on half yearly basis.	Complied with
(4)	Industrial waste water 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.	There is no generation of industrial waste water in our plant premises.	Complied With

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(5)	The overall noise levels in and around the plant area shall be kept well within the standards (75dBA in day time) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under Environmental (Protection) Act,1986 Rules, viz 75dBA (day time) and 70dBA(night time)	monitored and are kept within the standard prescribed limit as specified under EPA 1986.	
(6)	Proper housekeeping and adequate occupational health programmes must be taken up. All the persons working in the sensitive areas shall wear protective covers. Occupational Health Surveillance programme shall be done on a regular basis and records maintained. The programme must include lung function and sputum analysis test once in six month.	premises and provided PPE's for all workers/staffs working in the company. Health surveillance program are organized time to time.	
(7)	The company shall undertake eco- development measures including community welfare measures in the project area.	The company has undertaken the eco-development and community welfare measures in the project area.	Complied With
(8)	The Project Proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP.	The PP complies all the environmental protection measures and safeguards recommended in EIA/EMP.	a contra se de casa to casa -
(9)	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.	The company has separate environment management team with full fledged laboratory facilities to carry out management and monitoring fuctions directly under the control of senior executive	Complied with Photographs At Annexure-III



(10)	Adequate funds shall be earmarked towards capital cost and recurring cost/annum for environmental pollution control measures and judiciously utilized for the implementation of conditions stipulated by the Ministry of Environment and Forests as well as the State Govt. The funds so provided shall not be diverted for any other purposes.		Complied With
(11)	The SEIAA, Assam shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	The compliance report and the monitored data along with statically inter predation will be submitted to SIEAA, Assam on half yearly basis.	Complied With
(12)	The Project Authorities shall inform the SEIAA, Assam as well as the RO MoEF, the date of the financial closure and final approval of the project by the concerned authorities and the date of commencing the expansion project.	The company assures that before commencing the expansion project, prior information would be given to SIEAA, Assam as well as RO MoEF respectively.	Agreed for compliance.
(13)	The Project Proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA, Assam and will be seen at Website of the SEIAA, Assam.	The company has given advertisement of EC Clearance to the local news paper and also mentioned that it could be seen at website of the SEIAA, Assam.	Complied With
(14)	The SEIAA, Assam or any competent authority may stipulate any further condition(s) on receiving reports from the project authorities. The above conditions shall be monitored by the SEIAA, Assam.	The company agrees to the stipulated conditions.	Agreed for compliance.
	The SEIAA, Assam may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	The company agrees to comply all the condition stipulated in the EC.	Agreed for compliance.



(15)	Any other conditions or alteration in the above conditions shall have to be implemented by the project authorities in a time bound manner.	The company ensures that it will implement any change in the given time bound.	Agreed for compliance.
(16)	The Proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the SEIAA, Assam and RO of MoEF. The criteria pollutants levels namely; PM ₁₀ , PM _{2.5} , SO ₂ , Nox, etc.(ambient level as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The company uploads the status of compliance of the stipulated EC condition including results of monitored data on the company website time to time.	Complied With
(17)	The above conditions shall be enforced, inter-alia under the provisions of the Water Act, 1974 the Air Act, 1981 the Environment Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	The company abides that it will enforce the above conditions.	Complied With

K.D. CEMENTS



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Technologies for hetter tomorrow Recognized by Pollution Control Board, Assam



	AMBIENT AI Rep.No. AAAR_ SAMPLE ID: EE	1503155 01 1	1052	TEST	REP		Date: 17/	/02/	2025	
	Issued to :		. Cements, Vil	II: Bhom	rage	L L	JLR NO.:T	rc76	6925000000	
	Sample Drawn	By					gagora, D	ist :	Nagaon, Ass	iam.
	Sampling Plan I Analysis Duration Sampling Instru Pollution Contro	& Procedure on ument Used	: :1 :/	EETNE/ 11/02/2	SOP/ 2025, TAIR	BARUAH 01 12/02/202 SAMPLER/	25 TO 17 RDS	/02,	/2025	
SL.	DATE OF SAMPLING	LOCATION		WEAT	HER		PARA	MET	ERS	
i)		Near Main G				PM ₁₀ (μg/m ³)	ΡM ₂ (μg/m		NO ₂ (μg/m ³)	SO ₂ (μg/m ³
ii)	11/02/2025			1		65.9	29.6	5	22.9	14.2
11)		Near Mill Ho		Clea		63.8	39.7	7	23.6	14.1
v)	12/02/2025	Near Clinker		Clea		68.5	33.4	1	27.8	21.6
	Remarks: - Samp	Near Green	Belt Area		_	62.8	35.8	3	27.6	13.9
SI. No.	Pollutant	ENT AIR QUAL	ITY STANDAR	RM 40CF	R Part		ndix- L FEM	M Car	ndidate Method	mbient Air
SI.	Pollutant Sulphur	ENT AIR QUALI Te Dioxide IS:518	ITY STANDAR	RM 40CF	R Part	Weighted Av	rerage	Conc Indu	entration in An Istrial, Reside Other Area	mbient Air
SI. No.	Pollutant Sulphur (SO ₂), µg/m ³	Te Dioxide IS:518 CPCB Dioxide IS:518	ITY STANDAR	NM 40CF	R Part	Weighted Av	rerage	Conc Indu	entration in An Istrial, Reside Other Area 50 8	mbient Air ential, Rura
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Technologies for better tomorrow



ii) Near Fly Ash Conveyor Belt 1160 -All materials are store			TEST REPORT		
NO. SAMPLING LOCATION/ SOURCE Fugitive (SPM) (µg/m³) Remarks i) 11/02/2025 Near Mill House 1010 -Water spraying is don control the fugitive emission ii) 12/02/2025 Near Fly Ash Conveyor Belt 1160 -All materials are store closed sheds to mitil fugitive emission. iii) 12/02/2025 Near Packing Section 1320 -Global Sheds to mitil fugitive emission. Method used for Fugitive= IS 5182(PART IV) 1999/CPCB 1999/CPCB The sector Technologies North East, Guwahati Method For Envision Enviro Technologies North East, Guwahati Utpal Bezbaruah (Technical Manager) Authorized Signatory /Reviewed by ote: 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.	Name M/s. Vill: E P.O. F	LE ID: EETNE/FE <u>& Address</u> : K.D. Cements, Shomraguri, Rangagora,	B/03/25	Date: ULR NO.	: 17/02/2025 :TC766925000000260F
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(Environmental Chemist) (Environmental Chemist) (Technical Manager) Authorized Signatory /Reviewed by ii) 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.	i) Metho	od used for Fug	Near Packing Section itive= IS 5182(PART IV) 19 DS	1160 1320 99/CPCB	-All materials are stored closed sheds to mitiga fugitive emission.
Authorized Signatory /Reviewed by ote: 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.	ii) Methc Instru	ument used = R	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision Er	1160 1320 99/CPCB	-All materials are stored closed sheds to mitiga fugitive emission.
 bite: 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. 	ii) Methc Instru (Kh	airul Islam Sheik	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision En	1160 1320 99/CPCB	-All materials are stored closed sheds to mitiga fugitive emission.
	ii) Methc Instru (Kh (Envi	od used for Fug ument used= R ument used= R airul Islam Sheik ronmental Chem	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision En h ist)	1160 1320 99/CPCB	-All materials are stored closed sheds to mitiga fugitive emission. es North East, Guwahati ezbaruah Manager)
	ii) Metho Instru (Kh (Envi	od used for Fug ument used= R ument used= R airul Islam Sheik ronmental Chem	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision En h ist)	1160 1320 99/CPCB	-All materials are stored closed sheds to mitiga fugitive emission. es North East, Guwahati azbaruah Manager) ory /Reviewed by
	i) Metho Instru (Kh (Envi	od used for Fug ument used= Ri ument used= Ri sources aairul Islam Sheik ronmental Chem The results relate t The test report sha	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision Envision Envision Envision Envision Envision Envision Envision Envision Environmentation Env	1160 1320 99/CPCB aviro Technologie Utpal Be (Technical Authorized Signato ample. without written appr	-All materials are stored closed sheds to mitiga fugitive emission. es North East, Guwahati ezbaruah Manager) ory /Reviewed by
	i) Metho Instru (Kh (Envi	od used for Fug ument used= Ri ument used= Ri sources aairul Islam Sheik ronmental Chem The results relate t The test report sha	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision Envision Envision Envision Envision Envision Envision Envision Envision Environmentation Env	1160 1320 99/CPCB aviro Technologie Utpal Be (Technical Authorized Signato ample. without written appr	-All materials are stored closed sheds to mitiga fugitive emission. es North East, Guwahati ezbaruah Manager) ory /Reviewed by

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



TC-7669

TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT Rep.No. ANLMR_1503155_06A_1054

SAMPLE ID: EETNE/FEB/03/25

Date: 17/02/2025 ULR NO .: TC766925000000260F

Issued to : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL.	DATE OF			
NO. SAMPLING		LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq	
			Day Time (6:00 am to 10:00 pm	
0	11/00/000	Near Green Belt Area		
ii)	11/02/2025	Near Cement Mill	58.9	
iii)		Near Main Gate	71.1	
iv)	12/02/2025	12/02/2025	64.8	
,		Near Office Building	61.2	
Rer	marks: Noise leve	lic comied and the	01.2	

Noise level is carried out during 75% of the Day Time. Method of analysis : : IS 9989 :1981RA :2014 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leg			
A	Industrial Area	Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)		
В	Commercial Area	75	70		
С	Residential Area	65	55		
11100	Silence Zone	55	45		
		50	40		

Khairul Islam Sheikh (Environmental Chemist) For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah (Technical Manager) Authorized Signatory/ Reviewed by

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.

END OF REPORT-----

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



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Recognized by Pollution Control Board, Assam



TEST REPORT

D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. DGNLMR_1503155_06A_1055 SAMPLE ID: EETNE/FEB/03/25

Date: 17/01/2025 ULR NO.:TC766925000000260F

Name & Address: M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)	
11/02/25	250 KVA - DG Set	59.6	71.2	70.8	
	1500 KVA - DG Set	56.6 70.8		70.6	
		SAMPLING /SOURCE 11/02/25 250 KVA - DG Set	SAMPLING /SOURCE Dis Background Noise 11/02/25 250 KVA - DG Set 59.6	SAMPLING /SOURCE Descriptional Noise Measured Sound 11/02/25 250 KVA - DG Set 59.6 71.2	

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure Method of analysis : IS 4758 :1968RA :2017

Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

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

Khairul Islam Sheikh (Environmental Chemist) For Envision Enviro Technologies North East, Guwahati

Gundales Utpal Bezbaruah (Technical Manager) Authorized Signatory/ Reviewed by

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.

END OF REPORT-----

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





SAM	ACK ANALYSIS No. SAR_15031: IPLE ID: EETNE/I	<u>REPORT</u> 55_01_1056 FEB/03/25	ULR NO .:	/02/2025 TC766925000000260F	
Sam Sam Anal Sam	ple Drawn By pling Plan & Pro ysis Duration pling Instrument ution Control Dev	:U cedure :EE :11 t Used :ST	TPAL BEZBARUAH TNE/SOP/01 L/02/2025 TO 17/02/ TACK SAMPLER/STACK	ora, Dist : Nagaon, Assam. 2025 KIT	
SL.	DATE OF	STACK	PARAMETERS	REMARKS	
NU.	SAMPLING	DESCRIPTION	Particulate Matter (mg/Nm ³)	- Bag filter is attached to	
i)	11/02/2025	Stack attached to CEMENT MILL	26.7	Cement mill. - 50% bag house is replaced to mitigate the effect of particulate	
Emiss	sion Standards :			matter.	
Categ	ory of Industry	Paran	neter		
C	ement	Particulat	e matter	Standards	
M	ethod of analysi	s: IS 11255 Part-III:200		30mg/Nm ³	
	irul Islam Sheikh	ı	Utpal Be (Technical	gies North East, Guwahati	
Envir	The results relate	ı	sion Enviro Technolo Utpal Be (Technical Authorized Signa items sample. t in full, without written a	gies North East, Guwahati zbaruah Manager) tory/ Reviewed by	

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





Re SA	P.No. SAR_150 MPLE ID: EETN	3155_01_105 E/FEB/03/25		Date: 13 ULR NO.		000000260F
155	sued to : I	M/s. K.D. Ceme	ents, Vill: Bhomra	aguri, P.O. Rangag	ora, Dist :	Nagaon, Assam.
Sa	mple Drawn By	x 10		L BEZBARUAH		
Sa	mpling Plan & F alysis Duration mpling Instrum lution Control I	ent lised	: EETNE : 11/02	/SOP/01 2/2025 TO 17/02/ SAMPLER/STACE	2025 KIT	
SL.	DATE OF	STACK DE	SCRIPTION	PARAMETEI	RS	DEMARKS
NO. SAMPLING			Particulate Ma	tter	REMARKS	
		Stack attach	ed to DG set-	(g/kwhr)		-Data is within
)	11/02/2025	250 KV	Δ	0.017		the permissible limit
Emi	ssion Standard	s for Diesel En	gine for generato	or set :		
	Engine Pow		1			
	56KW <p< td=""><td>NAME AND ADDRESS OF AD</td><td></td><td>meter</td><td></td><td>Standards</td></p<>	NAME AND ADDRESS OF AD		meter		Standards
		- JAN	Particula	ate Matter		0.02 g/kwhr
NO.	Shiri Ling		DESCRIPTION	Particulat	e Matter	- DG set is with acou
ii)	11/02/2025	Stack attach 1500 K	ed DG Set- /A	(mg/N 61		enclosure.
Emis	sion Standards			01	.8	
	Para	meter				
	Particula	te matter			Standards 75mg/Nm	
meu	churu for		Part-III:2008 R For Envisi	on Enviro Techno	ologies No	rth East, Guwahati
(Envi	airul Islam She ironmental Che) The results rela) The test report	mist) te to the tested shall not be repr	parameters & item roduced except in f	(Technica Authorized Signa s sample. ull, without written a	Manager, tory/ Revie	ewed by
(Envi) The results rela	mist) te to the tested shall not be repr	ounced except in f	(Technica Authorized Signa	Manager, tory/ Revie	ewed by

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



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TEST REPORT AMBIENT AIR ANALYSIS REPORT Rep.No. AAAR_1503155_01_1020 Date: 21/01/2025 SAMPLE ID: EETNE/JAN/07/25 ULR NO.:TC766925000000252F Issued to M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. : Sample Drawn By : UTPAL BEZBARUAH Sampling Plan & Procedure : EETNE/SOP/01 Analysis Duration : 15/01/2025, 16/01/2025 TO 21/01/2025 Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS Pollution Control Device, if any : YES/NO DATE OF LOCATION/ PARAMETERS SL. SAMPLING SOURCE WEATHER NO. PM2.5 PM10 NO2 SO2 (µg/m³) (µg/m³) $(\mu g/m^3)$ $(\mu g/m^3)$ i) Near Main Gate 64.8 28.9 21.6 13.9 15/01/2025 ii) Near Mill House 62.9 38.6 22.9 14.8 Clear iii) Near Clinker Go down 67.1 33.9 25.8 20.6 16/01/2025 iv) Near Green Belt Area 61.2 34.8 26.2 12.7 Remarks: - Samplings done under annual based. Method of analysis: For SO₂ = IS:5182 Part-II/ CPCB, NO₂ = IS:5182 Part-VI/ CPCB PM10 = IS:5182 Part-XXIII/CPCB, PM25 = USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I NATIONAL AMBIENT AIR QUALITY STANDARDS: SI. Concentration in Ambient Air No. Pollutant Test Method Time Weighted Average Industrial, Residential, Rural and Other Area 1 Sulphur Dioxide IS:5182 Part-II/ Annual 50 (SO₂), µg/m³ CPCB 24 hours 80 2 Nitrogen Dioxide IS:5182 Part-VI/ Annual 40 (NO2), µg/m3 СРСВ 24 hours 80 3 Particulate Matter IS:5182 Part-XXIII/ CPCB Annual 50 (PM10), µg/m³ 24 hours 100 4 Particulate USEPA FRM 40CFR Part 50, Matter Annual 40 $(PM_{2.5}), \ \mu g/m^3$ 53 Appendix- L FEM 24 hours Candidate Method-I 60 For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/Reviewed by 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. -----END OF REPORT-----Paga 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





Rep.N	o. 250121_15031 LE ID: EETNE/JAN		Date: 21/01/2025 ULR NO.:TC766925000000252F		
M/s. k Vill: B P.O. R	<u>& Address</u> : (.D. Cements, homraguri, angagora, Nagaon, Assam.				
SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m ³)	Remarks	
i)	15/01/2025	Near Mill House	1121	-Water spraying is done to control the fugitive emission	
i)		Near Fly Ash Conveyor Belt	1220	-All materials are stored in	
	16/01/2025	Near Packing Section	1432	closed sheds to mitigat fugitive emission.	
Metho	od used for Fug ument used= R	itive= IS 5182(PART IV) 19		Tugitive emission.	
Instri		itive= IS 5182(PART IV) 19 DS For Envision E	Enviro Technologi Utpal B (Technica	es North East, Guwahati ezbaruah ! Manager) tory /Reviewed by	

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR_1503155_06A_1022 SAMPLE ID: EETNE/JAN/07/25

Date: 21/01/2025 ULR NO.:TC766925000000252F

Issued to : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
			Day Time (6:00 am to 10:00 pm)
i)		Near Green Belt Area	57.7
ii)	15/01/2025	Near Cement Mill	72.2
iii)		Near Main Gate	66.4
iv)	16/01/2025	Near Office Building	
-		ited office building	60.6

Remarks: Noise level is carried out during 75% of the Day Time. Method of analysis : : IS 9989 :1981RA :2014 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

Ambient Noise Standards:

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

For Envision Enviro Technologies North East, Guwahati

Khairul Islam Sheikh (Environmental Chemist)

Utpal Bezbaruah (Technical Manager) Authorized Signatory/ Reviewed by

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.

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

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



Technologies for better tomorrow Recognized by Pollution Control Board, Assam



			TEST REPORT		
	D.G SET NO	DISE LEVEL MEASU	IREMENT REPOR	<u>er</u>	$= - \frac{1}{2} \left(\frac{1}{2} - \frac{1}{2} \right)^2 \left(\frac$
	Rep.No. DGNI SAMPLE ID: E	LMR_1503155_06A_10 ETNE/JAN/07/25	023	Date: 21/ ULR NO.:TC7	01/2025 766925000000252F
	Name & Addr M/s. K.D. Cer Vill: Bhomrag P.O. Rangago Dist : Nagaor Assam.	ments, guri, ora,			
SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	15/01/25	250 KVA - DG Set	56.8	70.2	. 69.9
ii)		1500 KVA - DG Set	57.8	71.3	72.8
	Surrace. Method of ana Sampling Inst	alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	A :2017 00 SL.NO.484-I-22,	SLM 100 (213 D	etre from the enclosure TC-2013)
	Khairul Isl	islam am Sheikh	For Envision Envir	o Technologies Utpal Bezb	orth East, Guwahati Daruah
	(Environmen	tal Chemist)		(Technical N	/lanager)
			Aut	norized Signator	Povinued by

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.

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

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





		TEST	REPORT		
Rep.	CK ANALYSIS R No. SAR_150315 PLE ID: EETNE/J	5_01_1024	Date: 21 ULR NO.:T	1/01/2025 C766925000000252F	
Issue	ed to : M/s	. K.D. Cements, Vill: Bho	mraguri, P.O. Rangago	ra, Dist : Nagaon, Assam.	
Samj Anal Samj	ple Drawn By pling Plan & Proc ysis Duration pling Instrument tion Control Dev	edure : EE : 15 : Used : ST	TPAL BEZBARUAH TNE/SOP/01 7/01/2025 TO 21/01/2 ACK SAMPLER/STACK S/NO		
SL.	DATE OF	STACK	PARAMETERS	REMARKS	
NO.	SAMPLING	DESCRIPTION	Particulate Matter (mg/Nm ³)	 Bag filter is attached to Cement mill. 	
i)	15/01/2025 Stack attached to CEMENT MILL		27.6	 50% bag house is replaced to mitigate the effect of particulate matter. 	
Emis	sion Standards :				
Category of Industry		Para	meter	Standards	
Cement		Particulate matter			
		Particula is: IS 11255 Part-III:200		30mg/Nm ³	
Kł (Env	Aethod of analysi Aethod of analysi airul Islam Sheil ironmental Cher	is: IS 11255 Part-III:200 For Env	28 RA vision Enviro Technolo Utpal B (Technica Authorized Sign	ezbaruah I-Manager) atory/ Reviewed by	

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





~~			TEST REI	PORT		
	ACK ANALYSIS p.No. SAR_1503			Date: 2	101 (2022	
SA	MPLE ID: EETNE	/JAN/07/25			1/01/2025 C76692500	00000252F
Iss	ued to : M	/s. K.D. Cemer	nts, Vill: Bhomra	guri, P.O. Rangagor		
Sar	mple Drawn By		: UTPAL	BEZBARUAH		
San	mpling Plan & Pr alysis Duration mpling Instrume		: EETNE : 15/01	/SOP/01 /2025 TO 21/01/2		
	llution Control D		: NO/YE	SAMPLER/STACK I	(I)	
SL.	DATE OF	STACK DE	CONTRACTO	DADAMETER		
NO.	SAMPLING	STACK DES	SCRIPTION	PARAMETERS Particulate Mat		REMARKS
			the second second second	(g/kwhr)	.c.	-Data is within
	15/01/2025	Stack attache 250 KV	Contraction to state out respect to the	0.010		the permissible limit
i) Em	ission Standard	The second secon		0.016		
	Engine Pow 56KW <p≤5< td=""><td></td><td>the second</td><td>ameter</td><td></td><td>Standards</td></p≤5<>		the second	ameter		Standards
	SOKWY	OUKW	Particul	ate Matter		0.02 g/kwhr
SL NO	SAMPLING		DESCRIPTION	Particulat (mg/N		- DG set is with acous enclosure.
ii)	15/01/2025	Stack attack 1500 K	and the second sec	62.		encrosure.
Em	ission Standards					100 g 10
_		imeter			Standard	
-	Particula	ate matter			75mg/Nm	3
Me	thod of analys	sis: IS 11255		165	GEO CE	
	1		For Envis	sion Enviro Techno	ologies No	fth East, Guwahati
	Quergan			UN GU	ALX .	
	Khairul Islam Sh	eikh	1	litnal B	ezbaruah	
	nvironmental Ch	nemist)			I Manager	-)
(Er		0	a	Authorized Signa		
(Er			d paramatan 0 it	ems sample.		
	: i) The results re	late to the teste	u parameters & ite			
	e: i) The results re ii) The test repo	rt shall not be re	produced except i	n full, without written		laboratory.
	e: i) The results re ii) The test repo	rt shall not be re	produced except i	n full, without written		laboratory.

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



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TEST REPORT AMBIENT AIR ANALYSIS REPORT Rep.No. AAAR_1503155_01_951 Date: 11/12/2024 SAMPLE ID: EETNE/DEC/02/24 ULR NO .: TC766924000000234F Issued to M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. : Sample Drawn By : UTPAL BEZBARUAH Sampling Plan & Procedure : EETNE/SOP/01 **Analysis Duration** : 05/12/2024, 06/12/2024 TO 11/12/2024 Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS Pollution Control Device, if any : YES/NO DATE OF LOCATION/ PARAMETERS SL. SAMPLING SOURCE WEATHER NO. PM10 РМ_{2.5} (µg/m³) NO2 (µg/m³) 502 $(\mu g/m^3)$ $(\mu g/m^3)$ i) Near Main Gate 63.2 27.1 23.3 14.9 05/12/2024 ii) Near Mill House 60.3 37.8 21.6 13.9 iii) Clear Near Clinker Go down 60.8 34.3 26.8 19.6 06/12/2024 iv) Near Green Belt Area 58.7 33.6 24.8 22.9 Remarks: - Samplings done under annual based. Method of analysis: For SO₂ = IS:5182 Part-II/ CPCB, NO₂ = IS:5182 Part-VI/ CPCB PM10 = IS:5182 Part-XXIII/CPCB, PM25 = USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I NATIONAL AMBIENT AIR QUALITY STANDARDS: SI. **Concentration in Ambient Air** No. Pollutant **Test Method Time Weighted Average** Industrial, Residential, Rural and Other Area 1 Sulphur Dioxide IS:5182 Part-II/ Annual 50 (SO_2) , $\mu g/m^3$ CPCB 24 hours 80 2 Nitrogen Dioxide IS:5182 Part-VI/ Annual (NO_2) , $\mu g/m^3$ 40 CPCB 24 hours 3 Particulate 80 Matter IS:5182 Part-XXIII/ CPCB Annual (PM10), µg/m³ 60 24 hours 100 4 Particulate USEPA FRM 40CFR Part 50, Matter Annual 40 (PM_{2.5}), µg/m³ 53 Appendix- L FEM Candidate Method-I 24 hours 60 For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/Reviewed by 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. -----END OF REPORT-----Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



Technologies for better tomorrow



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Rep.No SAMPI <u>Name</u> M/s. K	o. 241211_1503: E ID: EETNE/DE <u>& Address</u> : C.D. Cements, homraguri,			1/12/2024 TC766924000000234F
P.O. R	angagora, Nagaon, Assam. DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM)	Remarks
110.	SAMPLING	EUCATION, SOURCE	(µg/m ³)	
i)	05/12/2024	Near Mill House	1260	-Water spraying is done control the fugitive emission
ii)		Near Fly Ash Conveyor Belt	1120	-All materials are stored
iii)	06/12/2024	Near Packing Section	1470	closed sheds to mitiga fugitive emission.
	ument used= R	itive= IS 5182(PART IV) 19 DS	99/CPCB	1
Instru	Quite Street	DS For Envision E	Enviro Technolog	ies Worth East, Guwahati
Instru	ument used= R	DS For Envision E	Enviro Technolog Utpal B	ezbaruah
Instru	Quite Street	DS For Envision E	Enviro Technologi Utpal B (Technice	la
K (Env Note: i	ument used= R ument used= R thairul Islam Shei vironmental Cher) The results relate	DS For Envision E	Enviro Technologi Utpal B (Technica Authorized Signa	ezbaruah al-Manager) tory /Reviewed by

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR 1503155 06A 953 SAMPLE ID: EETNE/DEC/02/24

Date: 11/12/2024 ULR NO.:TC766924000000234F

Issued to : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
			Day Time (6:00 am to 10:00 pm)
i)		Near Green Belt Area	54.8
ii)	05/12/2024	Near Cement Mill	71.3
iii)		Near Main Gate	68.9
iv)	06/12/2024	Near Office Building	57.6

Remarks: Noise level is carried out during 75% of the Day Time. Method of analysis : : IS 9989 :1981RA :2014 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

Ambient Noise Standards:

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

Khairul Islam Sheikh (Environmental Chemist) For Envision Enviro Technologies Nerth East, Guwahati

Utpal Bezbaruah

(Technical Manager) Authorized Signatory/ Reviewed by

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.

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

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



Technologies for better tomorrow Recognized by Pollution Control Board, Assam



			TEST REPORT	I.	
	D.G SET NO	DISE LEVEL MEASL	IREMENT REPOR	RT	*
	Rep.No. DGNI SAMPLE ID: E	LMR_1503155_06A_95 ETNE/DEC/02/24	14	Date: 11/1 ULR NO.:TC	2/2024 766924000000234F
	Name & Addr M/s. K.D. Cer Vill: Bhomrag P.O. Rangago Dist : Nagaor Assam.	ments, guri, ora,			
SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	05/12/24	250 KVA - DG Set	55.8	71.5	71.3
ii)		1500 KVA - DG Set	57.2	70.9	70.7
	Method of ana	alysis : IS 4758 :1968R	A :2017		etre from the enclosure
	Method of ana Sampling Inst		A :2017 00 SL.NO.484-I-22,	SLM 100 (213 D	
	Method of ana Sampling Insi DG Set Noise	alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	A :2017 00 SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Envir	SLM 100 (213 D distance.	TC-2013) Shith East, Guwahati aruah Aanager)
	Method of ana Sampling Insl DG Set Noise : DG Set Noise : Khairul Isl (Environmen	alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	A :2017 DO SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Envir Auth	SLM 100 (213 D distance. o Technologies N Utpal Bezb (Technical M horized Signator	TC-2013) Orth East, Guwahati aruah Aanager) y/ Reviewed by

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





	CK ANALVETC D		REPORT	
Ren	CK ANALYSIS F No. SAR_150315		Data 11	112 1202 1
SAM	PLE ID: EETNE/D	EC/02/24	ULR NO.:1	/12/2024 C766924000000234F
Issue	ed to : M/s	. K.D. Cements, Vill: Bho	mraguri, P.O. Rangago	ora, Dist : Nagaon, Assam.
	ple Drawn By		TPAL BEZBARUAH	
Sam	pling Plan & Proc		TNE/SOP/01	
	ysis Duration	: 05	5/12/2024 TO 11/12/2	2024
Sam	pling Instrument		ACK SAMPLER/STACK	KIT
Ponu	tion control Dev	ice, if any : YE	Ś/NO	
			PARAMETERS	DEMARKS
SL.	DATE OF	STACK	FARAPIETERS	REMARKS
NO.	SAMPLING	DESCRIPTION	Particulate Matter (mg/Nm ³)	 Bag filter is attached to Cement mill.
i)	05/12/2024	Stack attached to CEMENT MILL	28.6	- 50% bag house is
		SETTERT THEE	20.0	replaced to mitigate the effect of particulate
_				matter.
Emis	sion Standards :	1.4		
Cate	gory of Industry	Para	meter	Standards
C	ement	Darticula	te matter	
-		Particula	ite matter	30mg/Nm ³
	Aethod of analysi	s: IS 11255 Part-III:200	08 RA	
ľ				
,				÷.
1				
1		For En	vision Enviro Technol	odies North Fast Guwahati
,		For Env	vision Enviro Technol	ogies North East, Guwahati
ł	unul r-	For Env	vision Enviro Technol	ogies North East, Guwahati
	Burry Str		vision Enviro Technol	ogies North East, Guwahati
	Autures		(IN EN	Rol -
Kł	Burry Str	ch		ezbaruah
Kł	Autures	ch	Utpal E (Technica	ezbaruah al Manager)
Kł	Autures	ch	Utpal E (Technica	ezbaruah
Kł (Env	airul Islam Sheil ironmental Cher	ch nist)	Utpal E (Technica Authorized Sign	ezbaruah al Manager)
Kł (Env	outures the information of the results relation of the results results relatio	ch nist) e to the tested parameters	Utpal E (Technica Authorized Sign	ezbaruah al-Manager) hatory/ Reviewed by
Kł (Env	outures the information of the results relation of the results results relatio	ch nist)	Utpal E (Technica Authorized Sign	ezbaruah al-Manager) hatory/ Reviewed by
Kł (Env	outures the information of the results relation of the results results relatio	ch nist) e to the tested parameters hall not be reproduced exc	Utpal E (Technica Authorized Sign	ezbaruah al Manager) natory/ Reviewed by

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





ST	ACK ANALYSI	S REPORT	TEST RE	PORT		
Rep	No. SAR_1503 MPLE ID: EETNE	8155 01 956		Date: 1	1/12/2024	
		/DEC/02/24		ULR NO.	:TC7669240	00000234F
Issi	ued to : M	1/s. K.D. Ceme	nts, Vill: Bhomra	aguri, P.O. Rangag	ora, Dist : N	lagaon, Assam.
	nple Drawn By		: UTPA	L BEZBARUAH		
San	npling Plan & P alysis Duration	rocedure	: EETNE	SOP/01		
	npling Instrume	ent Used	: 05/12	2/2024 TO 11/12/	2024	
Poll	lution Control D	evice, if any	: NØ/YI	SAMPLER/STACK	KIT	
1			~			
SL.	DATE OF	STACK DE	SCRIPTION	PARAMETER	25	DEMADING
NO.	SAMPLING			Particulate Ma		REMARKS
		Stack attache	d to DG set-	(g/kwhr)		-Data is within
i)	05/12/2024	250 KV	A	0.018		the permissible limit
Emi			gine for generate	or set :		
-	Engine Pow		Para	ameter		Standards
	56KW <p≤5< td=""><td>60KW</td><td>Particul</td><td>ate Matter</td><td></td><td>0.02 g/kwhr</td></p≤5<>	60KW	Particul	ate Matter		0.02 g/kwhr
NO.	SAMPLING			Particula	te Matter	- DG set is with acoust
NO.	SAMPLING		DESCRIPTION	Particula		- DG set is with acoust
ii)	05/12/2024	Stack attach 1500 K		(mg/M	(m ³)	enclosure.
Emic	sion Standards		/A	61	.7	
LIIIIS	Para	meter			Ct 1 1	
	Particula	ite matter			Standard 75mg/Nm	
-	hod of analys	is: IS 11255	Part-III:2008	DA	, ong/ m	
Met	nou or analys					1. /
Met	nou or analys					
Met			For Envis	ion Enviro Techo	CHNOL	1
Met	with analys		For Envis	ion Enviro Techn	ologies No	eth East, Guwahati
	Quertste		For Envis	ion Enviro Techn	ologies No	eth East, Guwahati
KI	Durd Str hairul Islam She		For Envis	ion Enviro Techn	ologies No	eth East, Guwahati
KI	Quertste		For Envis	ion Enviro Techn Utpal E	ologies No	
KI	Durd Str hairul Islam She		For Envis	ion Enviro Techn Utpal E (Technica	ologies No Sezbaruah al Manager	
Ki (Env	hairul Islam She rironmental Che	emist)		Utpal E (Technica Authorized Sign	ologies No Sezbaruah al Manager atory/ Revi	ewed by
Ki (Env	hairul Islam She rironmental Che	emist)		Utpal E (Technica Authorized Sign	ologies No Sezbaruah al Manager atory/ Revi	ewed by
Ki (Env	hairul Islam She rironmental Che	emist) ate to the tested shall not be rep	parameters & iter roduced except in	Utpal E (Technica Authorized Sign ms sample. full, without written	ologies No azbaruah al Manager atory/ Revi	ewed by
Ki (Env	hairul Islam She rironmental Che	emist) ate to the tested shall not be rep	parameters & iter roduced except in	Utpal E (Technica Authorized Sign	ologies No azbaruah al Manager atory/ Revi	ewed by
Ki (Env	hairul Islam She rironmental Che	emist) ate to the tested shall not be rep	parameters & iter roduced except in	Utpal E (Technica Authorized Sign ms sample. full, without written	ologies No azbaruah al Manager atory/ Revi	ewed by

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



* =

Technologies for Recognized by Pollution Control Board, Assam



	Rep.No. AAAR SAMPLE ID: EE	TNE/N	ALYSIS REPORT 55_01_930 0V/18/24 1/s. K.D. Cements, V		ST REI	C	ULR N	0/11/: 0.:TC7	6692400000	0229F
	Sample Drawn Sampling Plan a Analysis Durati Sampling Instru Pollution Contro	& Proce	edure Used	: UTPA : EETNI 15/11	AL BEZ E/SOP/ /2024, ENT AIF	BARUAH	24 10			5am.
SL. NO.	DATE OF SAMPLING	LO	CATION/ SOURCE	WEA	THER		PA	RAMET	TERS	-
i)	15/11/2024	Near	Main Gate	-		PM ₁₀ (μg/m ³)	P (µg/	M _{2.5} /m ³)	NO ₂ (μg/m ³)	SO ₂ (µg/m ³)
ii)	15/11/2024	Near	Mill House	-		62.1	2	6.4	24.9	13.6
ii)			Clinker Go down	Cle	ar	59.3	3	6.2	22.8	12.6
V)	16/11/2024	Near	Green Bolt Ann		d	56.9	3	3.6	25.9	18.2
F	Remarks: - Samp	lings d	one under annual ba	1		57.2	34	4.9	23.6	21.6
<u>N</u> SI.	ATIONAL AMBIE		SO ₂ = IS:5182 Part-II /CPCB, PM _{2.5} = USEPA R QUALITY STANDAR		NO ₂ = I CFR Part	S:5182 Part- 50, 53 Apper	VI/ CPC ndix- L F	CB FEM Can	ididate Method	-1
<u>N</u> SI.	Pollutant	ENT AIF	Test Method		T	S:5182 Part- 50, 53 Apper Weighted Ave	idix- L F	Conce	entration in An	abiant th
<u>N</u> SI. No.	Pollutant Sulphur C (SO ₂), µg/m ³	Dioxide	Test Method IS:5182 Part-II/ CPCB		T	Weighted Ave	adix- L F	Conce	entration in An Istrial, Reside Other Area	abiant th
<u>N</u> SI. No. 1 2	Pollutant Sulphur C (SO ₂), µg/m ³ Nitrogen D (NO ₂), µg/m ³	ENT AIF	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/		Time	Weighted Ave	adix- L F	Conce	entration in An strial, Reside Other Area 50 80	nbient Air ntial, Rural
<u>N</u> SI. No. 1	Pollutant Sulphur C (SO ₂), µg/m ³ Nitrogen D (NO ₂), µg/m ³ Particulate	Dioxide	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB	RDS:	Time	Weighted Ave	arage ours	Conce	entration in An Istrial, Resider Other Area 50 80 40	nbient Air ntial, Rural
<u>N</u> SI. No. 1 2	Pollutant Pollutant Sulphur C (SO ₂), µg/m ³ Nitrogen D (NO ₂), µg/m ³ Particulate I (PM ₁₀), µg/m ³ Particulate I	NT AIF Dioxide Dioxide	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII/	RDS: CPCB	Time	Weighted Ave II 24 h	erage ours	Conce	entration in Am strial, Residen other Area 50 80 40 80 60	nbient Air ntial, Rural
<u>N</u> SI. No. 1 2 3	Pollutant Sulphur C (SO ₂), µg/m ³ Nitrogen D (NO ₂), µg/m ³ Particulate ((PM ₁₀), µg/m ³	Dioxide Dioxide Matter	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII/ USEPA FRM 40CFR Pa 53 Appendix-1 EEM	RDS: CPCB	Time	Weighted Ave Il 24 h 1 24 h 1 24 h	erage ours	Conce	entration in An Istrial, Resider Other Area 50 80 40 80 60 100	nbient Air ntial, Rural
<u>N</u> SI. No. 1 2 3	Pollutant Pollutant Sulphur C (SO ₂), µg/m ³ Nitrogen D (NO ₂), µg/m ³ Particulate I (PM ₁₀), µg/m ³ Particulate I	Dioxide Dioxide Matter	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII/ USEPA FRM 40CFR Pai 53 Appendix- L FEM Candidate Method-I	RDS: CPCB rt 50,	Time Annua Annua Annua	Weighted Ave 1 24 ho 24 ho 24 ho	erage ours ours urs urs	Conc. Indu and C	entration in An Istrial, Resider Other Area 50 80 40 80 60 100 40 60	nbient Air ntial, Rural
No. 1 2 3 4	Pollutant Pollutant Sulphur C (SO ₂), µg/m ³ Nitrogen D (NO ₂), µg/m ³ Particulate P (PM ₁₀), µg/m ³ Particulate P (PM _{2.5}), µg/m ³ Khairul Islam Sh invironmental Ch	Dioxide Dioxide Matter Matter Matter	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII/ USEPA FRM 40CFR Pa 53 Appendix- L FEM Candidate Method-I For Env	RDS: CPCB rt 50, Vision I	Time Annua Annua Annua Enviro	Weighted Ave Weighted Ave 1 24 ho 24 ho 24 ho Technologi Utpal Be (Technical Drized Signa	erage ours ours urs ies No zbarua Mana otory/F	Conco Indu and C rth East	entration in An strial, Residen other Area 50 80 40 80 60 100 40 60 100 40 60 50 80 80 80 80 80 80 80 80 80 8	nbient Air ntial, Rural

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



TC-7669

FUGI	TIVE EMISSIO	TEST REPORT			
Rep.No. 241120_1503155_01_931 SAMPLE ID: EETNE/NOV/18/24			Date: 20/11/2024 ULR NO.:TC766924000000229F		
M/s. H Vill: B P.O. R	<u>& Address</u> : K.D. Cements, homraguri, tangagora, Nagaon, Assam.				
SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks	
i)	15/11/2024	Near Mill House	1160	-Water spraying is done to control the fugitive emission.	
)	16/11/2024	Near Fly Ash Conveyor Belt	996	-All materials are stored in	
113					
Metho	od used for Fug Iment used= R	Near Packing Section itive= IS 5182(PART IV) 19 DS	1371 99/CPCB	closed sheds to mitigate fugitive emission.	
Kh (Envir	airul Islam Sheik ronmental Chem	itive= IS 5182(PART IV) 19 DS For Envision Ei ch hist)	99/CPCB nviro Technologie Utpal Be (Technical Authorized Signato	closed sheds to mitigate fugitive emission.	

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



TC-7669

TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR_1503155_06A_932 SAMPLE ID: EETNE/NOV/18/24

Date: 20/11/2024 ULR NO.:TC766924000000229F

Issued to : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
			Day Time (6:00 am to 10:00 pm)
i)		Near Green Belt Area	53.9
ii)	15/11/2024	Near Cement Mill	
iii)		Near Main Gate	69.2
iv)	16/11/2024		67.7
10)		Near Office Building	56.2

Remarks: Noise level is carried out during 75% of the Day Time. Method of analysis : : IS 9989 :1981RA :2014 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

Ambient Noise Standards:

Area Code	Category of area	Limit	ts in dB(A) Leg
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	
В	Commercial Area	65	70
С	Residential Area		55
-		55	45
D	Silence Zone	50	40

For Envision Enviro Technologies North East, Guwahati

Khairul Islam Sheikh (Environmental Chemist)

Utpal Bezbaruah (Technical Manager) Authorized Signatory/ Reviewed by

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.

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

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





TEST REPORT

D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. DGNLMR_1503155_06A_933 SAMPLE ID: EETNE/NOV/18/24

Date: 20/11/2024 ULR NO.:TC766924000000229F

Name & Address: M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
i)	15/11/24	250 KVA - DG Set	54.3	72.6	72.5
ii)	, ,	1500 KVA - DG Set	56.7	72.8	
			00.7	12.8	72.6

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure Method of analysis : IS 4758 :1968RA :2017

Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

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

Khairul Islam Sheikh (Environmental Chemist) For Envision Enviro Technologies that East, Guwahati

E Gu

Utpal Bezbaruah (Technical Manager) Authorized Signatory/ Reviewed by

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.

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

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



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Recognized by Pollution Control Board, Assam

SAM	CK ANALYSIS No. SAR_15031 IPLE ID: EETNE/I	<u>REPORT</u> 55_01_934 NOV/18/24	ULR NO.	0/11/2024 :TC766924000000229F
Sam Anal Sam	ple Drawn By pling Plan & Pro ysis Duration pling Instrumen ution Control Dev	cedure : U cedure : EE : 15 t Used : ST	TPAL BEZBARUAH TNE/SOP/01 5/11/2024 TO 20/11/ ACK SAMPLER/STACK S/NO	ora, Dist : Nagaon, Assam. 2024 KIT
SL. NO.	DATE OF	STACK	PARAMETERS	REMARKS
NO.	SAMPLING	DESCRIPTION	Particulate Matter (mg/Nm ³)	- Bag filter is attached to
i)	15/11/2024	Stack attached to CEMENT MILL	27.7	Cement mill. 50% bag house is replaced to mitigate the effect of particulate
Emiss	sion Standards :			matter.
Categ	ory of Industry	Paran	neter	0
Ce	ement	Particulat	e matter	Standards
M	ethod of analysi	s: IS 11255 Part-III:200		30mg/Nm ³
Kha Envir	airul Islam Sheikl	1	Utpal BE	gies North East, Guwahati zbaruah Manager) tory/ Reviewed by
Envir	The results relate	1	Utpal BE (Technical Authorized Signal items sample. t in full, without written a	approval of laboratory.

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





SA	ACK ANALYSI D.No. SAR_1503 MPLE ID: EETNE	3155 01 935	<u>TEST RE</u>	Date	: 20/11/2024 IO.:TC766924	4 000000229F	
Iss	ued to : N	1/s. K.D. Ceme	ents, Vill: Bhomra	aguri, P.O. Ranga	agora, Dist : I	Nagaon, Assam.	
San Ana San	nple Drawn By npling Plan & P lysis Duration npling Instrum lution Control D	rocedure ent Used	: UTPA : EETNE : 20/11	L BEZBARUAH SOP/01 /2024 TO 20/1 SAMPLER/STA	1/2024		
SL. NO.	DATE OF SAMPLING		SCRIPTION	PARAMET Particulate I (g/kwhi	Matter	REMARKS	
i)	15/11/2024	Stack attache 250 KV		0.019		the permissible limit	
			gine for generate	or set :			
	Engine Pow	rer(P)	Para	meter	-	Charles 1	
	56KW <p≤5< td=""><td>60KW</td><td></td><td>ate Matter</td><td></td><td colspan="2">Standards 0.02 g/kwhr</td></p≤5<>	60KW		ate Matter		Standards 0.02 g/kwhr	
SL. NO.	DATE OF SAMPLING	STACK	DESCRIPTION	1	AMETERS	REMARKS	
ii)	15/11/2024	Stack attach	ad DC Cat	Particu (mg	late Matter /Nm ³)	- DG set is with acoust enclosure.	
		1500 K	VA		62.1		
Emis	sion Standards						
	Particula	meter te matter			Standard		
Mak			Part-III:2008		75mg/Nn	1 ³	
Kł (Env Note:	airul Islam She ironmental Che	tikh emist)	For Envis	ion Enviro Tech Utpal (Techn Authorized Sig	Bezbaruah ical Manager gnatory/ Revi	ewed by	
i	i) The test report	shan not be rep	parameters & iter produced except in END OF R	full, without writt	en approval of	laboratory.	

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





	Rep.No. AAAR_ SAMPLE ID: EET Issued to :	150315 NE/OC	T/03/24	Date: 08/10/2024 ULR NO.:TC766924000000210F /ill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.						
	Sample Drawn I Sampling Plan 8 Analysis Duratio Sampling Instru Pollution Contro	By & Proces on ument U	dure :	UTPAL EETNE/ 03/10/	BEZH SOP/ 2024,	BARUAH	24 TO 08			am.
SL.	SAMPLING SO		CATION/ SOURCE WI		THER	PARAMETERS				
i)		Noar				ΡM ₁₀ (μg/m ³)	PM ₂ . (μg/m	.5 1 ³)	NO ₂ (µg/m ³)	SO ₂ (μg/m ³)
ii)	03/10/2024	-	Main Gate			59.4	25.9	9	22.4	12.6
ii)			Mill House Clinker Go down	Clea	ar	57.1	35.7	7	21.8	11.4
v)	04/10/2024					55.7	30.7	7	24.8	17.1
	Remarks: - Sam	lings d	Green Belt Area one under annual b			56.1	33.6	5	22.1	19.6
		ENT AIF	SO ₂ = IS:5182 Part-II (CPCB, PM _{2.5} = USEPA R QUALITY STANDA) Test Method	FKM 40C	FR Part	: 50, 53 Appe	ndix- L FEI	M Car	entration in A	mbient Air
SI. No.	Pollutant Sulphur (SO ₂), µg/m ³	ENT AIF	R QUALITY STANDA	FKM 40C	FR Part	: 50, 53 Appe : Weighted Av al	ndix- L FEI	M Can Conc Indu		mbient Air
SI. No.	Pollutant Sulphur (SO ₂), µg/m ³	ENT AIF	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/	FKM 40C	Time	: 50, 53 Apper : Weighted Av al 24 I	ndix- L FEI	M Can Conc Indu	entration in An Istrial, Reside Other Area 50 8	mbient Air
SI. No.	Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen (NO ₂), µg/m ³ Particulate	ENT AIF	Test Method IS:5182 Part-II/ CPCB	RDS:	Time	: 50, 53 Apper : Weighted Av al 24 I 24 I	ndix- L FEI	M Can Conc Indu	entration in Ai Istrial, Reside Other Area 50 8 40 8	mbient Air ential, Rural 0
1 2	Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen (NO ₂), µg/m ³ Particulate (PM ₁₀), µg/m ³	ENT AIF Dioxide Dioxide	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII/ USEPA FRM 40CFR P2	RDS:	Time	: 50, 53 Appen : Weighted Av al 24 I al 24 I al 24 I	verage	M Can Conc Indu	entration in A Istrial, Reside Other Area 50 8 40 8 60 10	mbient Air ential, Rural 0
5I. No. 1 2 - 3	NATIONAL AMBI Pollutant Sulphur (SO ₂), μg/m ³ Nitrogen (NO ₂), μg/m ³ Particulate (PM ₁₀), μg/m ³	ENT AIF Dioxide Dioxide Matter	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII/ USEPA FRM 40CFR P: 53 Appendix- L FEM Candidate Method-I	RDS:	Time Annu Annu Annu Annu	e Weighted Av al 24 f al 24 f al 24 f al 24 h	verage hours ours ours	Conc Indu and C	entration in A astrial, Reside Other Area 50 8 40 8 60 10 40 60	mbient Air ential, Rural 0 0 0
1 2 3 4	ATIONAL AMBI Pollutant Sulphur (SO ₂), μg/m ³ Nitrogen (NO ₂), μg/m ³ Particulate (PM ₁₀), μg/m ³ Particulate (PM _{2.5}), μg/m ³ Khairul Islam S Environmental (ENT AIF Dioxide Dioxide Matter Matter Matter	COUALITY STANDA Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII/ USEPA FRM 40CFR Parts S3 Appendix- L FEM Candidate Method-I For En :) the tested parameter not be reproduced ex	CPCB art 50, vision	Time Annua Annua Annua Annua Enviro Auth s samp ull, wit	Weighted Av al 24 h al 24 h al 2 ba 2 ba 2 ba 2 2 ba 2 2 2 ba 2 2 2 2	verage hours ours ours ours ares Nort ezbaruat al Manag natory/Re approval c	Conc Indu and C th Ea	entration in Ai Istrial, Reside Other Area 50 8 40 8 60 100 40 60 100 40 60 100 40 60	mbient Air ential, Rural 0 0 0
1 2 3 4	ATIONAL AMBI Pollutant Sulphur (SO ₂), μg/m ³ Nitrogen (NO ₂), μg/m ³ Particulate (PM ₁₀), μg/m ³ Particulate (PM _{2.5}), μg/m ³ Khairul Islam S Environmental (ENT AIF Dioxide Dioxide Matter Matter Matter	COUALITY STANDA Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII/ USEPA FRM 40CFR P: 53 Appendix- L FEM Candidate Method-I For En	CPCB art 50, vision	Time Annua Annua Annua Annua Enviro Auth s samp ull, wit	Weighted Av al 24 h al 24 h al 2 ba 2 ba 2 ba 2 2 ba 2 2 2 ba 2 2 2 2	verage hours ours ours ours ares Nort ezbaruat al Manag natory/Re approval c	Conc Indu and C th Ea	entration in Ai Istrial, Reside Other Area 50 8 40 8 60 100 40 60 100 40 60 100 40 60	mbient Air ential, Rural 0 0 0

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.



TC-7669

Recognized by Pollution Control Board, Assam

NABLACCREDITED

TEST REPORT FUGITIVE EMISSION ANALYSIS REPORT

Rep.No. 241008_1503155_01_861 SAMPLE ID: EETNE/OCT/03/24

Date: 08/10/2024 ULR NO.:TC766924000000210F

Name & Address: M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m ³)	Remarks
i)	03/10/2024	Near Mill House	1030	-Water spraying is done to control the fugitive emission.
ii)	04/10/2024	Near Fly Ash Conveyor Belt	956	-All materials are stored in
iii)	04/10/2024	Near Packing Section itive= IS 5182(PART IV) 19	1250	closed sheds to mitigate fugitive emission.

Instrument used= RDS

Khairul Islam Sheikh (Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah (Technical Manager) Authorized Signatory /Reviewed by

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.

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

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT Rep.No. ANLMR_1503155_06A_862 D

SAMPLE ID: EETNE/OCT/03/24

Date: 08/10/2024 ULR NO.:TC766924000000210F

Issued to : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i			Day Time (6:00 am to 10:00 pm)
1)	03/10/2024	Near Green Belt Area	52.6
ii)	03/10/2024	Near Cement Mill	
iii)		Near Main Gate	68.2
	04/10/2024		66.3
iv)	01,2072024	Near Office Building	55.1

Remarks: Noise level is carried out during 75% of the Day Time. Method of analysis : : IS 9989 :1981RA :2014 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

Ambient Noise Standards:

Area Code	Category of area	Limi	ts in dB(A) Leq
	Test. A. S. S. S.	Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
Α	Industrial Area	75	
в	Commercial Area	65	70
С	Residential Area	55	55
D	Silence Zone		45
-	Sherice Zone	50	40

Khairul Islam Sheikh (Environmental Chemist) For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah (Technical Manager) Authorized Signatory/ Reviewed by

Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full.

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

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

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





TEST REPORT D.G SET NOISE LEVEL MEASUREMENT REPORT Rep.No. DGNLMR_1503155_06A_863 Date: 08/10/2024 SAMPLE ID: EETNE/OCT/03/24 ULR NO.:TC766924000000210F Name & Address: M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. SI. DATE OF LOCATION DG Background Measured Actual Sound Pressure NO. SAMPLING **/SOURCE** Noise Sound Level of DG in dB(A) i) 250 KVA - DG Set 52.4 73.5 73.4 03/10/24 ii) 1500 KVA - DG Set 55.1 71.5 71.3 Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure Method of analysis : IS 4758 :1968RA :2017 Sampling Instrument Used : SLM100 SL.NO.484-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 Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/ Reviewed by 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. -----END OF REPORT-----

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





	CK ANALYSIS	REPOUL	REPORT		
SAM	No. SAR 15031	55 01 864	Date: 0	8/10/2024	
SAN	IPLE ID: EETNE/	JCT/03/24	ULR NO .:	TC766924000000210F	
Issu	ed to : M/s	s. K.D. Cements, Vill: Bho	omraguri, P.O. Rangag	ora, Dist : Nagaon, Assam.	
Sam	ple Drawn By			ora, Dist : Nagaon, Assam.	
Sam	pling Plan & Pro		TPAL BEZBARUAH		
Anal	ysis Duration		TNE/SOP/01 3/10/2024 TO 08/10/	2024	
Pollu	pling Instrument	t Used : ST	TACK SAMPLER/STACK	2024 KIT	
. one	control Dev	ice, if any : YE	S/NO		
SL.	DATE OF	STACK	PARAMETERS	REMARKS	
NO.	SAMPLING	DESCRIPTION	Particulate Matter	- Bag filter is attached to	
		Stack attached to	(mg/Nm ³)	Cement mill.	
i)	03/10/2024	CEMENT MILL	26.7	 50% bag house is 	
				replaced to mitigate the effect of particulate	
miss	ion Standards :			matter.	
ateg	ory of Industry	Parar	neter	Standards	
Ce	ement	Particulat	te matter		
			ie matter	30mg/Nm ³	
M	ath a last				
м	ethod of analysi	s: IS 11255 Part-III:200	8 RA		
м	ethod of analysi	s: IS 11255 Part-III:200	8 RA		
м	ethod of analysi	s: IS 11255 Part-III:200	8 RA		
м	ethod of analysi				
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м	ethod of analysi			HN gies North East, Guwahati	
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Kha	where is for	For Envi	sion Enviro Technolo	gies North East, Guwahati	
Kha	an istan	For Envi	ision Enviro Technolo Utpal Be	HNO gies North East, Guwahati nati -3	
Kha	where is for	For Envi	sion Enviro Technolo Utpal Be (Technical	gies North East, Guwahati nati -3 zbaruah Manager)	
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Kha Envir	where the second	For Envi	Sion Enviro Technolo Utpal Be (Technical Authorized Signa	gies North East, Guwahati ati -3 zbaruah Manager) tory/ Reviewed by	
Kha Envir	where the second	For Envi	Sion Enviro Technolo Utpal Be (Technical Authorized Signa	gies North East, Guwahati ati -3 zbaruah Manager) tory/ Reviewed by	
Kha Envir	where the second	For Envi	Sion Enviro Technolo Utpal Be (Technical Authorized Signa	gies North East, Guwahati ati -3 zbaruah Manager) tory/ Reviewed by	

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





Re	ACK ANALYS p.No. SAR_150 MPLE ID: EETN	3155 01 966	<u>TEST RE</u>	Date: 0	8/10/202	4 000000210F	
Iss	ued to : I	M/s. K.D. Ceme	nts, Vill: Bhomra	aguri, P.O. Rangag	ora, Dist : 1	Nagaon, Assam	
Sar Ana	mple Drawn By mpling Plan & F alysis Duration	rocedure	: UTPA : EETNE : 03/10	L BEZBARUAH /SOP/01 /2024 TO 08/10/	2024		
Pol	npling Instrum lution Control I	ent Used Device, if any	: STACH	SAMPLER/STACK	KIT		
SL. NO.	DATE OF SAMPLING	STACK DE	SCRIPTION	PARAMETER Particulate Ma	RS	REMARKS	
)	03/10/2024	Stack attache 250 KV	A	(g/kwhr) 0.018		-Data is within the permissible limit	
Emi	ssion Standard	s for Diesel End	ine for generato	or set :			
	Engine Pow		Para	meter			
	56KW <p≤5< td=""><td>60KW</td><td></td><td>ate Matter</td><td></td><td colspan="2">Standards 0.02 g/kwhr</td></p≤5<>	60KW		ate Matter		Standards 0.02 g/kwhr	
SL.	DATE OF SAMPLING	STACK	DESCRIPTION		Server and the server of the	REMARKS	
ii)	03/10/2024	Stack attach	ed DG Set-	Particulat (mg/N		- DG set is with acousti enclosure.	
Emis	sion Standards		A	67.	.8		
21113	Para	meter					
	Particula	te matter			Standard		
					75ma/Nm		
Metl			art-III:2008 F	OTEL	75mg/Nm		
	Hod of analysi	s: IS 11255 F		OTEL	HNO ON		
Kh	whore of analysi whore is a airul Islam She	s: IS 11255 F		on Enviro Techno	HNO OF		
Kh (Envi	whork of analysi whork is for airul Islam She ironmental Che	is: IS 11255 F	For Envisi	on Enviro Techno Utpal Ba (Technical Authorized Signa	ezbaruah Manager	rth East, Guwahati	
Kh (Envi	whore of analysis whore shares and shares an	is: IS 11255 F ikh mist)	For Envisi	on Enviro Techno Utpal Ba (Technical Authorized Signa	ezbaruah Manager tory/ Revie	rth East, Guwahati ewed by	
Kh (Envi	whore of analysis whore shares and shares an	is: IS 11255 F ikh mist) te to the tested shall not be repr	For Envisi parameters & item oduced except in f	on Enviro Techno Utpal Ba (Technical Authorized Signa	ezbaruah Manager tory/ Revie	rth East, Guwahati ewed by	

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.

ENVIRONMENTAL LABRATORY K.D.CEMENTS, VILL:BHOMRAGURI, P.O.RANGGAORA, DISTT- NAGAON (Assam)

















Note :- A total of 5000 saplings of 50 native species have been planted in our premises under the guidance of Dr. Shantanu K Dutta , Sc D of Central Pollution Control Board , Regional Directorate , Shillong . The method uses only local native species and it helps in development of Environmental Protection Forest .



K. D. CEMENTS

Corporate Office : 2nd Floor, Subham Velocity, Walford, Above Passport Seva Kendra, G.S. Road, Guwahati-781005 2 :- +91 - 361 - 2344211, 2344212, e-mail : info.cements@kdindia.com, www.kdindia.com

Date-15-04-2025

To, The Member Secretary, Pollution control Board of Assam, Bamunimaidan, Guwahati – 21

19

Ref :- (1) WB/T-311/21-22/328 Dated:13.10.2022

(Sub:- <u>bmission of Environmental Statement for the financial year ending the 31st</u> <u>March 5 in Form -5</u>)

Sir,

We are berewith submitting the Environmental Statement for the financial year 2024-2025 in Form-5.

This is the favour of your information and necessary action please .

Thanking you.

Yoursel hfully FORDICEMENIS 6d Signatory Authon Signatory)

Encl: I stated above

Copy to :- (1) The Sr. Environmental Engineer, Region: Office, Pollering Control Board of Assam Milano, Nagaon (Assam)



¹[FORM – V]

(See rule 14)

Environmental Statement for the financial year ending the 31st March 2025

occu	PART – A ame and address of the owner/ pier of the industry operation rocess.	:	Shri Bajrang Lohia K.D.Cements,Vill-Bhomraguri Nagaon (Assam)
(ii)	Industry category Primary(STC code) Secondary(SIC Code)	:	AAJFK4908Q
(iii)	Production capacityUnits `	:	500 TPD to 1000 TPD
(iv)	Year of establishment	:	15 th Dec 2010
(v)	Date of the last environmental statement subm	itted :	19-04-2024

PART – B

Water and Raw Material Consumption

(1) Water consumption m^3/d : Process : $4m^3$ Domestic : $7m^3$ Industrial : $5m^3$

Name of raw material	Name of Product	Consumption of raw material(MT) per unit of output		
		During previous financial year 2023- 224	During current financial year 2024-25	
Flyash		56131.80	63849.09	
Gypsum	PP Cement			
Clinker		2466.411	2447.477	
		106701.198	119417.051	

PART - C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

	discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards
a) Water			with reasons
		thorised Signatory	

26.7 mg/N m³

PART – D

Hazardous Wastes

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

Hazardous Wastes	Total Qua	ntity (Kg.)
	During the previous Financial Year	During the current Financial year
(a) From Process	N/A	N/A
(b) From pollution	N/A	N/A

PART – E Solid Wastes

	Total Quantity(Kg)	
(a) Energy D	During the previous year 2023-2024	During the current year 2024-2025
(a) From Process		
(b) From pollution control facility		
(c) (1) Quantity(Flyash) recycled or re-utilised within the unit	Consumed 100% in our cement manufacturing process	Consumed 100% in our cement manufacturing process
(2) Solid	N/A	
		N/A
(3) Disposed	N/A	N/A

PART - F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

PART – H

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

PART-I

Any other particulars for improving the quality of the environment.





E59098262651N 1VR:698390982628 5P SAMAGURI S.D (782140) Counter No:1,21/05/2025,14:38 India Phat TO: THE MENBER SE, POLLUTION CENTRA PIN:781021, Bamunimaidan S.O From: M/S X D CEMENTS, BHOMURAGURI Wt:20005 Amt:41.30, Tax:6.30, Amt. Paid:41.00(Cash) (Track on www.indiapost.gov.in) (Dial 18002666868) (Wear mask -Stay safe)



sport Seva Kendra, G.S. Road, Guwahati-781005 ents@kdindia.com, www.kdindia.com

Date-16-05-2025

To Pollution control Board of Assam, Bamunimaidan, Guwahati - 21

The Member Secretary, -> As per PCBA letter NO: WB/GUW/T-1408/PL-1/09-10/280 Dated: 06,05,2023 Compliance Report e-mailed on 20-05-2023 to membersecretary @ pcbassam.org

(Sub:- Submission of Half Yearly Compliance Report for the period from October 2024 to March 2025)

र्ती ग तात

Sir,

We are hereby furnishing the half yearly compliance report (hard copy and soft copy) for the period from 01/10/2024 to 31/03/2025 on Environmental Stipulations for Expansion of Cement Plant (from 500 TPD-1000 TPD), Cement Grinding Unit at Dag. No. 292,287,286,296, Patta No. 27 & 41, Village - Bhamoraguri, Gaon Panchayat - Kuhumtali, Sub-Division Samaguri, Nagaon by M/s K.D. Cements - Environmental Clearance Letter No. SEIAA.47/2013/78; Dated 25th March 2014.

This is for your kind information and perusal. You are requested to kindly acknowledge the receipt of the same .

Thanking you.

Yours faithfully KID CEMENTS

gnatory ratory)

printi Bog

Encl:- As stated above

Copy to:-

- (1) The MoEF, North Eastern Regional Office, Shillong, Meghalaya.
- (2) The Member Secretary, State Environment Impact Assessment Authority, Assam
- (3) The Sénior Environmental Engineer, Regional Office, Assam Pollution Control Board, Nagaon (Assam)