



# SAGAR CEMENTS LIMITED

To,  
The Member Secretary,  
Andhra Pradesh Pollution Control Board,  
Paryavaran Bhavan, APIIC Colony Road,  
Gurunanak Colony, Autonagar,  
Vijayawada- 520007.

30.05.2025

Sub: Submission of Half yearly Environment Clearance Compliance Report of M/s Sagar Cements Limited at village Gudipadu, Yadiki Mandal of Anantapuramu district, Andhra Pradesh -Reg

Ref: EC NO. SEIAA/ANT/IND/12/2108/787 dated 03.05.2019

Dear Sir,

In reference to the cited above, we are herewith furnishing the compliance report to stipulated conditions of EC (Clinker Production-0.75 MTPA, Cement-0.95 MTPA and captive Power plant- 25 MW) for the period of **October 2024 to March 2025** of M/s Sagar Cements Limited, Gudipadu village of Andhra Pradesh.

This is for your kind information and office records please.

Thanking you

Yours faithfully,  
For Sagar Cements Ltd

  
E. P. Ranga Reddy  
(Vice President - Works)

Encl:

(i) Condition wise EC Compliance report for 2010 & 2019

CC: 1. To, The Regional Office - APPCB.  
2. To The Joint Director, IRO – Vijayawada.



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CIN : L26942TGI98IPLC002887 GSTIN : 36AACCS8680H2ZY

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Bayyavaram Village, Kasimkota Mandal, Anakapally District, Andhra Pradesh State - 531031. Phone : 08924-244550 Fax : 08924-244570 GSTIN : 37AACCS8680H1ZX  
Gudipadu Village, Yadiki Mandal, Ananthapur District, Andhra Pradesh State - 515408. Phone: 08558-200272 GSTIN : 37AACCS8680H1ZX  
Kalinganagar, Industrial Complex, Tahsil-Dangadi, Dist - Jajpur, Odisha. Phone : 08340882288 CIN : U26922TS2010PTC171799 GSTIN : 21AACCS8680H1ZA



**Environment Clearance Condition wise compliance Report from Oct 2024 to March 2025.**  
**EC Order No SEIAA/AP/ANT/IND/12/2018/787 Dt: 03.05.2019**

Part A: <b>Special Conditions:</b>																																			
<b>S No</b>	<b>Conditions</b>	<b>Compliance Status</b>																																	
1. Air Pollution																																			
i	The Industry shall provide air pollution control equipments to control stack and fugitive emissions to meet the standards notified by MoEFCC/CPCB/APPCB.	<p><b>The Industry Complied with the condition.</b></p> <p>The cement plant unit is equipped with latest pollution control equipment i.e. Reverse air Bag house to Raw Mill &amp; kiln section, Electrostatic precipitator to Cooler section, Pulse Jet Bag house to Coal mill section &amp; Pulse jet bag house to Cement mill section to keep the particulate matter emissions below the prescribed limit 30mg/Nm<sup>3</sup>as per the new Notification dated 10<sup>th</sup>May, 2016.</p> <p>Electro Static Precipitator provided to the Power plant unit. The emissions are maintained to meet the standards notified by MoEFCC/CPCB/APPCB.</p> <p>Dust extraction system followed by dust collection system is installed at all the transfer points. A total of 40 no's of Dust extraction system with bag filters are installed at cement &amp; power plant area. The details are given below:</p> <table border="1"> <thead> <tr> <th>S No</th> <th>Section</th> <th>Total DE systems</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>LS Crusher</td> <td>3 no's</td> </tr> <tr> <td>2</td> <td>Raw Mill</td> <td>9 no's</td> </tr> <tr> <td>3</td> <td>Coal Mill</td> <td>3 no's</td> </tr> <tr> <td>4</td> <td>Kiln</td> <td>3 no's</td> </tr> <tr> <td>5</td> <td>Cooler</td> <td>3 no's</td> </tr> <tr> <td>6</td> <td>ESP</td> <td>1 no's</td> </tr> <tr> <td>7</td> <td>Cement Mill</td> <td>12 no's</td> </tr> <tr> <td>8</td> <td>Packing</td> <td>3 no's</td> </tr> <tr> <td>9</td> <td>Power Plant</td> <td>3 no's</td> </tr> <tr> <td colspan="2">Total</td> <td>40 no's</td> </tr> </tbody> </table> <p>Photographs of the pollution control equipment enclosed below:</p>	S No	Section	Total DE systems	1	LS Crusher	3 no's	2	Raw Mill	9 no's	3	Coal Mill	3 no's	4	Kiln	3 no's	5	Cooler	3 no's	6	ESP	1 no's	7	Cement Mill	12 no's	8	Packing	3 no's	9	Power Plant	3 no's	Total		40 no's
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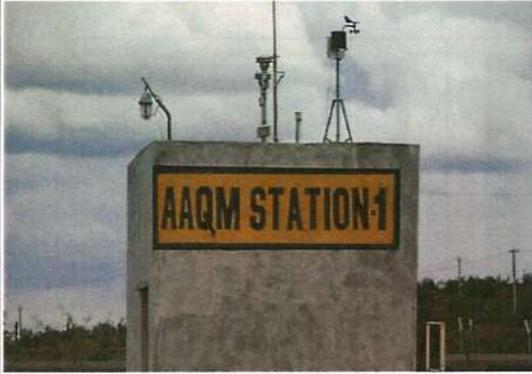
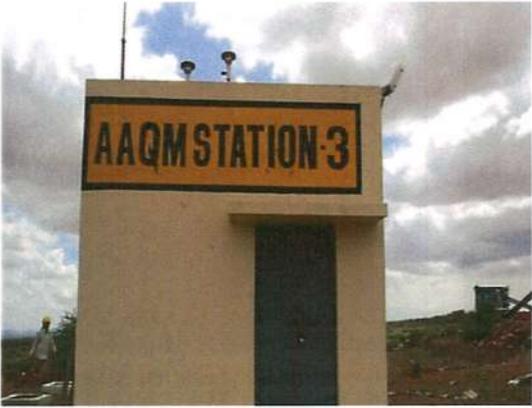
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	<p>Bag House to Coal Mill</p>	<p>Bag house to Cement Mill</p>
		
	<p>Electrostatic precipitator to Power Plant</p>	
<p>ii</p>	<p>The industry shall arrange for acoustic barriers and locate roll mills and ball mills within those barriers.</p>	<p><b>Complied.</b>                  The industry had made thick plantation as acoustic barrier around ball mill area to reduce noise levels.</p>
<p>iii</p>	<p>All the internal roads shall be paved CC or bitumen roads, adequate closed silos for storage of fly ash and clinker and covered shed for storage of gypsum shall be provided.</p>	<p><b>Complied.</b>                  The industry had paved all internal roads with cement concrete. Closed silos are provided for storage of fly ash and clinker. Covered shed provided for storage of gypsum. Photographs of CC roads, Closed Silos &amp; covered shed are shown below:</p>
		
	<p>Internal Paved CC roads</p>	<p>Internal Paved CC roads</p>



	 <p>Internal Paved CC roads</p>	 <p>Fly ash Silo</p>
	 <p>Clinker Silo</p>	 <p>sum shed</p> <p>Gyp</p>
<p>iv</p>	<p>The industry shall upgrade all pollution control equipments of Cement Plant to meet SPM requirement of 30mg/Nm<sup>3</sup> and at all transfer points.</p>	<p><b>Complied.</b></p> <p>The industry upgraded all pollution control equipments of cement plant to meet PM requirement of 30mg/Nm<sup>3</sup></p>
<p>v</p>	<p>The industry shall procure suitable road sweeping machine to maintain good housekeeping.</p>	<p><b>Being maintain,</b></p> <p>Road sweeping machine is being operated for maintain good housekeeping.</p> <p>Photograph of the sweeping machine is shown below:</p> 

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	 <p style="text-align: center;">CAAQMS -1</p>  <p style="text-align: center;">CAAQMS -2</p>  <p style="text-align: center;">CAAQMS -3</p>	 <p style="text-align: center;">CAAQMS -4</p>
vii	<p>The industry shall install Online Continuous stack monitoring for the cement mill grinding unit.</p>	<p><b>Complied.</b>                  The industry installed online continuous stack monitoring for the cement mill grinding unit and data is being uploaded to CPCB &amp; APPCB website</p>
viii	<p>Sampling port with removable dummy of not less than 15cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc; shall be provided to monitor the stack emissions.</p>	<p><b>The Industry Complied with the condition</b>                  Sampling port had removable dummy of not less than 15cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc; is being provided to monitor the stack emissions.</p>
ix	<p>Ambient Air Quality including Ambient Noise levels must not exceed the standards stipulated under EPA or by the State authorities. Monitoring of Ambient Air Quality and stack emissions shall be carried out regularly in consultation with APPCB and report submitted to the Board and the Ministry's Regional Office at Chennai Half Yearly.</p>	<p><b>Complied.</b>                  Monitoring of Ambient Air Quality, Stack emissions and noise levels are carried out monthly by NABL authorised laboratory and reports submitted to the regional office and to the Ministry's regional office at Vijayawada half yearly.</p>

<p>x</p>	<p>Raw materials and products shall be transported in covered racks. Storage of raw material shall be in roof sheds/Silos. Water spray system shall be provided all around the stock piles and dust suppression system around the conveyor system. All the conveyor belts shall be covered with G.I. Sheets .All roads in the plant area shall be asphalted /Concreted and water sprayed to reduce the fugitive dust emissions.</p>	<p><b>Being Complied.</b>                  Raw materials and products are transporting in covered trucks. The raw materials are stored in roof sheds/Silos. A dedicated mobile water tanker is available to suppress the dust at stock piles. Dust Extraction System is provided at all transfer points. All the conveyor belts are covered with G.I. sheets to avoid dust emissions. All roads in the plant area are concreted. All major roads of the plant provided with fixed water sprinkling system to reduce the fugitive dust emissions.</p>	
	<p>Raw material is transported through covered trucks</p>		<p>Bulk Cement is transported through closed truck</p>
	<p>Raw material Silo</p>		<p>Raw material silo</p>
	<p>sum Shed Gyp</p>		<p>Coal Sheds at Cement Plant</p>



	 <p>POCO SHOT ON POCO F1</p> <p>Laterite shed</p>	 <p>GI Sheets for conveyor belts</p>
	 <p>POCO SHOT ON POCO F1</p> <p>2023/11/2 15:09</p> <p>CC roads along with water sprinkling system</p>	 <p>CC roads along with water sprinkling system</p>
xi	<p>In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage /raw material handlings etc. shall be provided. Further specific measures like provision of adequate dust suppression and extraction system consisting of water sprinkling, suction hoods fans and bag filters etc. Shall be installed at, material transfer points, and other raw material handling areas. Fugitive emissions shall be regularly monitored and records maintained.</p>	<p><b>Complied.</b></p> <p>In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage / raw materials handlings etc. are being provided. Further, specific measures like provision of 36 no's adequate extraction system consisting of suction hoods, fans and bag filters etc., are installed at material transfer points and other raw material handling areas. Fugitive emissions are monitored by NABL approved third party on quarterly basis and records are being maintained.</p>
xii	<p>Interlocking facility should be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the feeding of raw material is stopped automatically.</p>	<p><b>Complied.</b></p> <p>The Industry maintaining the Interlocking facility in the pollution control equipment so that in the event of the pollution control equipment is not working, the feeding of raw material will be stopped automatically.</p>
<p><b>2) Water Pollution:</b></p>		
i)	<p>Total water consumption for existing is 3200m<sup>3</sup>/day. There is no additional water for the expansion project.</p>	<p><b>Complied.</b></p> <p>The source of water is ground water. To conserve the water resources, the industry also using mines pit water depending on availability of water at mines. The total water consumed per day for the period Oct'24 to</p>



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		Mar'25 is 389.02 KLD against 3200 KLD.
ii)	The company must harvest the rain water from the roof tops and storm water drains to recharge the ground water.	<b>Complied.</b> The company has provided 10 no's of rainwater harvest pits to collect rainwater from roof tops at the colony. The company also provided storm water drains to recharge the ground water. The industry provided another 8 no's of rainwater harvest pits in the plant premises. Photographs of the few rain water harvesting pits are shown below:
		
	Rain water Pits	Rain water Pits
		
	Storm water drains	Storm water drains

3)	<b>Solid waste</b>	
i	Dust generated from bag filters shall be completely recycled. Waste oils & used oils generated from the plant shall be disposed as per the Hazardous Wastes (Management and Handling) Transboundary Rules and its amendments thereof to the recyclers authorised by APPCB	<b>Complied.</b> Dust generated from bag filters is completely recycled. The waste oil generated is being used internally as lubrication to chains and conveyor systems and partially sold to authorised recycler.
<b>Part B: General Conditions</b>		
i	This order is valid for a period of 7 Years.	<b>Noted.</b>
ii	"Consent for Establishment" shall be obtained from Andhra Pradesh Pollution Control Board	<b>Complied.</b>

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	under Air and Water Act before the start of any activity /Construction work at site.	
iii	Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as safe drinking water ,fuel for cooking, mobile toilets mobile STP ,medical health care, crèche etc., The housing may in the form of temporary structures to be removed after the completion of the project. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.	<b>Complied.</b>  The required infrastructure facilities such as housing, drinking water, mobile toilets, medical health care and canteen were provided during the construction time. It was in the form of temporary structure and removed after completion of the work.
iv	No change in the process technology and scope of working should be made without prior approval of the SEIAA, A.P. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, A.P/MoEFCC, GoI, New Delhi, as applicable.	<b>Complied.</b>  There is no change in the scope of work or process technology without approval of the SEIAA, AP.
v	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (Both in hard copies as well as by e-mail) to the Ministry of Environment and Forests its Regional Office, Chennai, SEIAA, A.P.Pollution Control Board, Bangalore, District Collector, and A.P.Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions including the results of monitored data on their websites and shall update the same periodically.	<b>Complied.</b>  The project proponent submitting six monthly reports of the stipulated environmental clearance conditions including results of monitored data to MoEF&CC, Vijayawada, and A.P.Pollution control Board, District collector vide soft copies as per the GO issued by MoEF & APPCB. The six monthly compliance reports along with monitored data were uploaded on the company's website.
vi	Four Ambient Air Quality Monitoring stations should be established in the core zone as well as buffer zone for monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecological sensitive targets and frequency of monitoring should be under taken in consultation with the State Pollution Control Board.	<b>Being Complied.</b>  The project proponent has installed four continuous Ambient Air Quality Monitoring stations in the core and buffer zone. The CAAQMS values are given below.



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**CAAQMS Station-1:**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
Oct'2024	22.98	8.4	15.59	4.27
Nov'2024	31.88	18.42	14.74	4.41
Dec'2024	33.76	13.82	5.67	4.66
Jan'2025	52.78	19.86	6.94	1.22
Feb'2025	57.02	15.59	10.33	7.79
Mar'2025	55.85	14.33	15.23	9.38

**CAAQMS Station-2:**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
Oct'2024	14.38	8.71	14.60	3.22
Nov'2024	34.64	21.75	15.16	2.57
Dec'2024	28.35	15.74	15.25	1.23
Jan'2025	40.64	22.77	15.49	1.10
Feb'2025	39.53	17.60	15.65	2.29
Mar'2025	41.26	16.09	15.96	3.83

**CAAQMS Station-3:**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
Oct'2024	11.04	5.57	28.22	12.34
Nov'2024	24.59	10.21	29.14	11.17
Dec'2024	40.17	19.61	7.22	8.65
Jan'2025	52.77	26.14	6.96	9.44
Feb'2025	58.05	20.05	8.23	10.79
Mar'2025	49.45	16.25	11.38	7.39

**CAAQMS Station-4:**

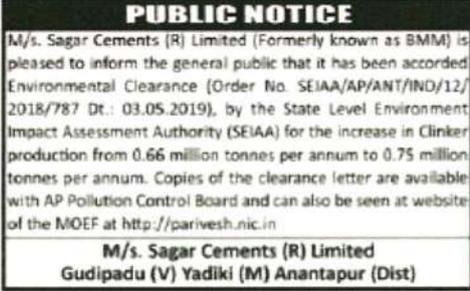
Month	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
Oct'2024	43.47	22.66	9.73	1.02
Nov'2024	42.79	26.41	10.32	1.6
Dec'2024	26.65	18.67	11.27	5.54
Jan'2025	41.37	28.44	13.2	5.55
Feb'2025	37.25	22.91	17.52	5.64
Mar'2025	41.82	19.38	11.57	5.52

vii	Data on Ambient Air Quality should be regularly submitted to the Ministry including its Regional Office located at Chennai and the State Pollution Control Board/Central Pollution Control Board once in six months.	<b>Complied.</b>  Ambient air quality data is being submitted regularly along with six monthly compliance reports to the Regional office of MoEF&CC, Vijayawada and SPCB. The online CAAQMS readings are mentioned above.
viii	Personnel working in Dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	<b>Complied.</b>  Respiratory devices i.e. Nose mask is provided to all workmen working in dusty areas. Training and information on safety and health aspects are conducting regularly to the workmen.
ix	Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective	<b>Complied.</b>  Occupational health surveillance program for the workers are undertaken periodically to

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	measures, if needed.	observe any contractions due to exposure to dust.  Established full-fledged Occupational Health Centre (OHC) with a well-trained full time MBBS qualified doctor remains available round the clock inside colony premises. Standard drugs and one ambulance equipped with oxygen kit are available to meet the emergencies. Various awareness programme has been organized on impact of mining on health and use of personal protective equipment. Medical checkup is done as per the requirement of law. No abnormality has been reported so far.
x	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a senior executive, who will directly report to the Head of the organization.	<b>Complied with the condition.</b>  A Separate Environment Management Cell has been established with the following composition: (i) Dy Manager- Environment (ii) DGM-Mines (iii) Sr General Manager (P&QC) (iv) VP (Works) (v) STP Operators & Helpers Environmental Officer possesses a degree in M.sc in Environmental Sciences and having enough experience.
xi	The project proponent shall earmark the required funds towards capital cost and recurring cost allocated Rs.0.5 Crores for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise Expenditure should be reported to the ministry and its regional office located at Chennai.	<b>Complied.</b>  The funds (revenue & Capital cost) earmarked for environmental protection measures for the period from Oct 2024 to March 2025 is Rs 12622818.32/- kept in separate account and not be diverted for other purpose.
xii	At least 2% of the total project cost shall be allocated for Corporate Environmental Responsibility (CER) and item wise details along with the time bound action plan shall be prepared in accordance to the MoEFCC's office Memorandum No.F.No.22-652017-IA.III, dated 01-05-2018 and submit to the SEIAA, A.P and Ministry's Regional Office Chennai.	The industry has spent 2.239%(Rs 4478483/- ) of total project towards CER against 2% i.e. Rs. 4000000/- by providing drinking water facilities, Peerlachavidi renovation, Burial Ground construction, free medicinal facilities, supply of stationary items to MPUP Gudipadu school, established women training centre etc.
xiii	The Regional Office of MoEF& CC located at Chennai /the SEIAA, Andhra Pradesh through the regional offices of Andhra Pradesh Pollution Control Board shall, and monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing therequisite data/information/monitoring reports.	<b>Complied.</b>  The industry will extend full cooperation to the officer (s) of the Regional Office by furnishing therequisite data/information/monitoring reports.

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xiv	The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies' i.e.,Panchayats/Municipal bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	<b>Complied.</b> Copy of clearance letters were submitted to local panchayat. The clearance letter is uploaded to company's website.
xv	The Project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the state Pollution Control Board and SEIAA, A.P	<b>Complied.</b> News paper advertisement given in two local newspapers (Sakshi in Telugu and The Hans India in English on 17.07.2020 and copies of the same were enclosed.
	  <p>Paper Adv published in HANSINDIA</p>	 <p>Paper Adv published in SAKSHI</p>
xvi	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred within in a period of 30days as prescribed under section 16 of the National Green Tribunal Act,2010	<b>Complied.</b> No Appeal is made against Environment Clearance.
xvii	The company shall under take eco-development measures including community welfare measures in the project area.	<b>Complied</b> Eco development measures such as desilting of village tanks, check dams, sapling distribution to Nearby villages were carried out. Community development activities such as RO plant to nearby Village, medical camps and distribution of medicine, Gram panchayat building, Cement Concrete Roads to nearby villages, etc., School building and improvement of Temple area development etc. As part of CSR, the industry had spent an amount of Rs.7278773.12/- for the period Oct 2024 – March 2025.



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xviii	The proponent shall obtain all other mandatory clearances from respective department.	<b>Complied.</b> The industry had taken all the necessary clearances from respective departments.
xix	Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	<b>Complied.</b> No false data is being submitted.
xx	The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory .The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	<b>Agreed upon.</b>
xxi	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution), Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981 the Environment Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	<b>Complied.</b> The cement plant consent for operation is valid up to 30 <sup>th</sup> September 2025 & power plant is valid upto 31.05.2026 and the Public Liability insurance is valid up to Midnight of 11.01.2025 and is enclosed.

