

HCIL:VP:2022: 65

The Chief Conservator,
Ministry of Environment & Forests, Regional Office
(Central Region), Kendriya Bhawan, 5th Floor, Sector-H,
Aliganj, Lucknow

HeidelbergCement India Limited
CIN: L26942HR1958FLC042301
Village Madora, P.O. Baratha Kalan,
District Jhansi,
Uttar Pradesh 284121
Phone +91-510-2750548, 49
Fax +91-510-2750544
Website: www.mycemco.com

27th May, 2022

Sub: Environmental Clearance 330/ Parya /SEAC/4968/2019 dated 04.11.2019 for Expansion of 2.70 MTPA to 3.25 MTPA Cement Grinding Capacity of Diamond Cement (Prop:HeidelbergCement India Ltd) at Madora, Distt. Jhansi, U.P.

Dear Sir,

We are enclosing herewith the latest point-wise Six Monthly compliance report for Environmental Clearance for the expansion of our Cement Grinding capacity from 2.70 MTPA to 3.25 MTPA at Diamond Cement (Prop: HeidelbergCement India Ltd) at Madora, District: Jhansi (UP), dully supported with relevant annexures in soft copy. This compliance report is submitted for the period from **Oct2021 to Mar2022**.

Thanking you,

Yours faithfully

For Diamond Cement

(Prop: HeidelbergCement India Ltd)


Sunil Kumar

Vice President

Encl: As above

- cc: The Secretary, Environment, U.P. Govt., Lucknow
123, Bapu Bhawan, Secretariat, Vidhan Sabha Marg, Lucknow (UP)
- cc: U P Pollution Control Board, TC-12 V, Vibhuti Khand
Gomti Nagar, Lucknow (U.P.)
- cc: District Magistrate, Jhansi (U.P.)
- cc: Regional Officer, UP Pollution Control Board, UP Avas Vikas Parishad, Talpura Yojna,
Kanpur Road, Jhansi (UP).
- cc: Regional Office, Central Pollution Control Board, PICUP Bhawan, Vibhuti Khand
Gomti Nagar, Lucknow - 226010 (U.P.)

Encl: As above

COMPLIANCE REPORT OF ENVIRONMENT CLEARANCE

(For the period of Oct2021 to Mar2022)

Environmental Clearance letter 330/ Parya /SEAC/4968/2019 dated 04.11.2019 granted from Directorate of Environment U.P. State Level Environment Impact Assessment Authority U.P.

of
Expansion of Cement Grinding from 2.70 MTPA to 3.25 MTPA
of

M/s Diamond Cement Grinding Unit- Jhansi
(Prop: HeidelbergCement India Ltd
Village: Madora, Jhansi (U.P.))

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
I	<p>The project proponent shall obtain forest clearance and permission of Central and state Government as per law under the provision of Forest(conservation) Act, 1986 before the start of work.</p>	<p>Not applicable as there is no reserve forest within 10 km radius of project site</p>
II	<p>As per the provision contain in para 7(ii) of EIA Notification, 2006, exemption of the project form fresh EIA studies, EMP and public hearing but Zero liquid discharge (ZLD) technology should be adopted and no effluent will be discharged outside the premises.</p>	<p>There is no waste water generation from the process. Industrial water for external cooling is being re-circulated after cooling. All Motors and Pumps are totally enclosed fan cooled type. The STP has been installed and the domestic effluent is being treated. The entire treated effluent from STP is being used for green belt. Annexure - 1</p>
III	<p>Statutory compliance</p> <p>i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.</p> <p>ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable</p> <p>iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)</p> <p>iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.</p>	<p>Not applicable as there is no reserve forest within 10 km radius of project site</p> <p>NA</p> <p>NA</p> <p>Presently we are having Air & Water consent of 3.25 MTPA which is valid till 31.12.21</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
IV	<p>v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.</p> <p>vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.</p> <p>Air quality monitoring and preservation</p> <p>i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. to. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.</p> <p>ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.</p> <p>iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)</p>	<p>The ground water abstraction permission has been obtained from the State Ground Water Department. Annexure - 2</p> <p>Used Oil and used lubricants collected in closed drums and sold to Authorised Reprocessing Units. Authorisation for Hazardous Waste has already been obtained from UPPCB, which is valid till 02.07.2022. Annexure - 3</p> <p>We have installed continuous emission monitoring system in both stacks and data is being transmitted to online server of CPCB & SPCB. The emission level from the stack of cement mills is being maintained < 30 mg/NM3. Annexure: 4</p> <p>We are monitoring the fugitive emission in plant premises through NABL accredited lab and report is being sent to board on quarterly basis. Annexure: 5</p> <p>There are four Ambient Air Quality Monitoring Stations (two manual + two online) established in the premises for PM₁₀, PM_{2.5}, SO₂ and NO_x for regular monitoring and analysis. Two more CAAQS installed and connected to CPCB, total four CAAQS and connected to CPCB</p> <p>Data on Ambient Air Quality and Stack Emission are being sent on quarterly basis. Annexure:4 & 6</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
	<p>Air quality monitoring and preservation contd.....</p> <p>iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.</p> <p>v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.</p> <p>vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.</p> <p>vii. Pollution control system in the cement plant shall be provided as per the CREP Guide lines of CPCB.</p> <p>viii. Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.</p> <p>ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.</p>	<p>We are monitoring the fugitive emission, stack emission & ambient air quality in plant premises and report is being sent to board on regular basis. Annexure:5</p> <p>We have installed 50 Bag Filters at all transfer points i.e. Material Transfer Points, Cement Mill Section, Cement Silo, Vents of Hoppers, Bucket Elevator, Silo, etc. Annexure - 7</p> <p>All the installed bag filters are having mechanized cleaning system(Pulse jet type).</p> <p>We are complying all the conditions of CREP guidelines. Please refer. Annexure - 8</p> <p>Roads have been concreted / black topped. Annexure - 9</p> <p>Manual sweeping as well as through Sweeping Machines is being carried out on continuous basis. Annexure -10</p> <p>Raw Materials. Cement stored in RCC Silos and Fly Ash stored in closed Silos and Stock Piles. Annexure – 11</p> <p>Closed Clinker Stock Pile System has been installed. Annexure – 12</p> <p>Fly ash coming in closed bulkers and Pneumatic system has been installed for Fly ash unloading. Annexure – 13</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
V	<p>Air quality monitoring and preservation contd.....</p>	
	<p>x. Provide wind shelter fence and chemical spraying on the raw material stock piles; and</p>	<p>All raw material stored in closed shed. Annexure: 11</p>
	<p>xi. Have separate truck parking area and monitor vehicular emissions at regular interval.</p> <p>xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.</p>	<p>We have made separate truck parking area and monitor vehicular emission on regular basis.</p> <p>All the Raw Materials and products are transported in closed containers to reduce the impact of the transport of Raw Materials and Cement, on the surrounding environment and agricultural land. Annexure -13</p>
	<p>xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants</p>	<p>Complied</p>
	<p>Water quality monitoring and preservation</p> <p>i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)</p>	<p>Complied</p> <p>No effluent water is being generated during plant process only domestic waste water is being generated from the plant and colony which is being treated in Sewage Treatment plant (STP). The treated Sewage water quality is being checked by NABL accredited lab and its data is being submitted to PCB on quarterly basis.</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
V	<p>Water quality monitoring and preservation</p> <p>ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories</p> <p>iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&C C, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.</p> <p>iv. Adhere to 'Zero Liquid Discharge'</p> <p>v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.</p> <p>vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.</p> <p>vii. The project proponent shall practice rainwater harvesting to maximum possible extent.</p> <p>viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.</p> <p>ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.</p>	<p>Ground water quality is monitored by NABL accredited lab before and after Monsoon. Digital water recorder level piezometer has been installed and compliance sent to UPGWD accordingly.</p> <p>Continuous effluent monitoring is not applicable for cement plant without TPP. Ground water quality report is submitted to UPGWD along with Renewal application</p> <p>There is no waste water generation from the process. Industrial water for external cooling is being re-circulated after cooling. All Motors and Pumps are totally enclosed fan cooled type.</p> <p>The STP has been installed and the domestic effluent is being treated. The entire treated effluent from STP is being used for green belt. Annexure: 1</p> <p>Will be complied accordingly</p> <p>We have installed Rain Water harvesting System at our Factory Premises and made three ponds for rain water collection. Annexure – 14</p> <p>The STP has been installed and the domestic effluent is being treated. The entire treated effluent from STP is being used for green belt. Annexure: 1</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
VI.	<p>Noise monitoring and prevention</p> <ul style="list-style-type: none"> i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report. ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 d B(A) during night time <p>Energy Conservation measures</p> <ul style="list-style-type: none"> i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly. ii. Provide the project proponent for LED lights in their offices and residential areas. iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per B IS standards. 	<p>The Ambient Noise level is within the limit and enclosure is Provided at relevant places and PPEs are provided to the concern work man.</p> <p>The Ambient noise level is within the limit during Day & night time. Annexure: 15</p> <p>Complied . Common area lighting, Street lights and water heaters are based on Solar power.</p> <p>We have replaced all conventional lights with LED lights in offices. And residential and also provided light motion sensors in offices and motion sensor bulbs in offices.</p> <p>More than 34 % of total Raw material is being used Fly ash in Manufacturing. Of PPC. Annexure: 16</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
VIII	<p style="text-align: center;">Waste management</p> <p>i. The waste oil, grease and other hazardous shall be disposed of as per the hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.</p> <p>ii. Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)</p>	<p>Hazardous waste of category-5.1 & 5.2 are generating in the plant during machine maintenance.Used Oil and used lubricants collected in closed drums and sold to Authorised Reprocessing Units. Authorisation for Hazardous Waste has already been obtained from UPPCB, which is valid till 02.07.2022. Annexure - 3</p> <p>Solid Waste Management System has already been installed and kitchen waste is being treated in the SWM system and generated manure are using for the development of Green belt. Annexure - 17</p>
IX	<p style="text-align: center;">Green Belt</p> <p>i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The green belt shall inter alia cover the entire periphery of the plant.</p> <p>ii. The project proponent shall prepare GHG emission inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation</p>	<p>A dense Green Belt is already exists in the premises. However, we are developing regularly more Green Belt area in and around the Cement Plant as per the guidelines of CPCB. Annexure -18</p> <p>Some of the activity related to reduce GHG emissions are as following: Maximum Transportation of Raw materials and products by Railway •Maximum utilisation of fly ash approx. 34.90% (BIS max Limit is 35%) •Replacing of Ordinary Lights with LED Lights •Purchasing of energy efficient Equipments only •Optimization of Power consumption by Equipments</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
X	<p>Public hearing and Human health issues</p> <p>i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.</p>	<p>Onsite Emergency Plan based on the Hazard identification and Risk Assessment (HIRA) is available. Government's Offsite Emergency and Disaster Management Plan have been implemented for Offsite Emergency. Annexure: 19</p>
IX	<p>ii. The PP shall provide Personal Protective Equipment (PPE) as per the norms of Factory Act.</p> <p>iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.</p> <p>iv. Occupational health surveillance of the workers shall be done on regular basis and records maintained as per the Factories Act.</p>	<p>Proper PPEs provided as per their job requirements. And Ear Muffs/Ear Plugs, etc, to the Workers working in high noise prone areas.</p> <p>Plant have their own permanent residential colony for workmen.</p> <p>Annual Medical health check-up is being carried out for the employees and its record is being maintained properly. Last Annual medical checking was done in Dec-2020. Annexure - 20</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
XI	<p style="text-align: center;">Corporate Environment Responsibility</p> <p>i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-66/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.</p> <p>ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedure to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/ conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six monthly report.</p> <p>iii. A separate Environment Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive who will directly report to the head of organization.</p> <p>iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to Ministry/Regional office along with Six monthly compliance report.</p>	<p>Condition will be complied accordingly.</p> <p>Environment management system already in place(EMS) and company are having IMS(Integrated Management System) and certified with ISO: 14001.Company also having ISO:9001(Quality management system), ISO:45001(OHSAS) and ISO: 50001(Energy management system).Annexure: 21</p> <p>Environment Management Cell is in place</p> <p>Responsibility matrix of environmental conditions are already defined in ISO system and followed accordingly. Annexure:22</p> <p>A separate budget for Environment management is allotted by the organization. For Environment Management Expenditure. Please refer. Annexure – 23</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
XI	<p>Corporate Environment Responsibility</p> <p>v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.</p> <p>vi. All the recommendations made in the Charter on corporate responsibility for Environment Protection(CREP)for the cement plants shall be implemented.</p>	<p>Environment Audit was conducted during FY 2020-21.</p> <p>Applicable CREP recommendations have implemented. Annexure - 8</p>
XII	<p>Miscellaneous</p> <p>i. Under CER activity as committed ambulance for handicapped, quipped with medical facilities may be provided</p> <p>ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.</p> <p>iii. The copies of the <i>environmental clearance</i> shall be submitted by the project proponents to the Heads of local bodies, Panchayats and 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</p>	<p>Provided an AC Ambulance to Dr. Ambedkar Institute of Technology for handicapped—Karapur(Annex.27)</p> <p>The general public had already been informed of the EC, through advertisements in two local newspapers. Copies of the Newspapers had already been submitted to the Board. Annexure: 24</p> <p>Environmental clearance copy had already been submitted.</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
XII	<p>Miscellaneous</p> <p>iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.</p> <p>v. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.</p> <p>vi. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.</p> <p>vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.</p>	<p>All the compliance reports is being uploaded on company website</p> <p>We are regularly monitoring the AAQM for PM10, PM2.5, SO2, NOx, CO and stack emissions. Annexure-4 & 6 The data are being updated on Display Board at Main Gate, regularly. Annexure - 25</p> <p>Six monthly EC compliance uploaded on the website of ministry of Environment, Forest and Climate Change at environment clearance portal.</p> <p>Submission of Form-V is a regular practice of the Company and we are uploading this on the Company's Website. Annexure -26 & 26 A</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
XII	<p>Miscellaneous</p>	<p>Complied</p>
	<p>viii. The project proponent shall inform the Regional office as well as Ministry, the date of financial closure and final approval for the project by the concerned authorities, commencing the land development work and start of production operation by the project.</p>	<p>Conditions will be complied accordingly.</p>
	<p>ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.</p>	<p>Being Complies</p>
	<p>x. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.</p>	<p>No expansion or modifications in the Plant shall be carried out without prior approval of the SEIAA, UP.</p>
	<p>xi. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, forests and Climate Change (MoEF&CC).</p>	<p>Noted</p>
	<p>xii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.</p>	<p>Noted</p>
	<p>xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.</p>	<p>Noted</p>

Compliance Status of Environment Clearance

S.No.	Conditions	Compliance Status
XII	<p>Miscellaneous</p> <p>xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.</p> <p>xv. The Company in a time bound manner shall implement these conditions.</p> <p>xvi. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.</p> <p>xvii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.</p> <p>xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>	<p>Noted</p> <p>Noted</p> <p>Noted</p> <p>Being complies</p> <p>Noted</p>

Annexure – 1 Sewage Treatment Plant

- We have installed Sewage Treatment plant for treating the sewage water
- Sewage water is being treated in Sewage Treatment plant
- Treated Sewage water from STP is recycled and re-used for Green Belt development.

Pictures of Sewage Treatment Plant



Annexure – 1 Sewage Treatment Plant



Annexure – 2 Ground Water Abstraction Permission from UPGWD

31992 3.14 PW

GROUND WATER DEPARTMENT
 Ministry of Jal Shakti
 Government of Uttar Pradesh

Form 8 (C)
 (See Rule 8(1))

AUTHORIZATION/NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/COMMERCIAL/INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 1974]
 AUTHORIZATION/NO-OBJECTION CERTIFICATE NO: HCC049485
 VALID FROM 26/04/2021 TO 25/04/2026
 (8814(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 1974)

Registration No.: 20214900126

Name of the Owner/Designation	DRS HAO HCC Projector	Company Name/Trade Name	DRS Projector	Company Address/Trade Name	DRS Projector HCC Projector
Company Address/Trade Name	M - Station, Near Baramba Coker, Dist - Azamgarh	Registration No.	20214900126	Address of the Applicant	Company Name/Trade Name/Address
Address of the Applicant	Company Name/Trade Name/Address	Address of the Applicant	Company Name/Trade Name/Address	Address of the Applicant	Company Name/Trade Name/Address
Date of Issuance	01/04/2021	Applicant Signature		Applicant Signature	
Location Particulars		Location Particulars		Location Particulars	
District	AZAMGARH	Block	BHAGSALDA	Block	BHAGSALDA
Post No./Village No.	141111	Post No./Village No.	141111	Post No./Village No.	141111
Particulars of the Existing Well and Pumping Device		Particulars of the Existing Well and Pumping Device		Particulars of the Existing Well and Pumping Device	
Date of Construction of Well	01/04/2021	Date of Construction of Well		Date of Construction of Well	
Type of Well	Tube Well	Type of Well		Type of Well	
Purpose of Well	Industry	Purpose of Well		Purpose of Well	
System/Particulars (For Tube Well)		System/Particulars (For Tube Well)		System/Particulars (For Tube Well)	
Type of Pump Used	Submersible	Type of Pump Used		Type of Pump Used	
Operational Depth	2000 Meter	Operational Depth		Operational Depth	
Date of Construction (in Case of Existing Well)	01/04/2021	Date of Construction (in Case of Existing Well)		Date of Construction (in Case of Existing Well)	

15

31992 3.11 PW

GROUND WATER DEPARTMENT
 Ministry of Jal Shakti
 Government of Uttar Pradesh

Form 8 (C)
 (See Rule 8(1))

AUTHORIZATION/NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/COMMERCIAL/INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 1974]
 AUTHORIZATION/NO-OBJECTION CERTIFICATE NO: HCC049098
 VALID FROM 23/02/2021 TO 22/04/2026
 (8814(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 1974)

Registration No.: 20214900024

Name of the Owner/Designation	DRS HAO HCC Projector	Company Name/Trade Name	DRS Projector	Company Address/Trade Name	DRS Projector HCC Projector
Company Address/Trade Name	M - Station, Near Baramba Coker, Dist - Azamgarh	Registration No.	20214900024	Address of the Applicant	Company Name/Trade Name/Address
Address of the Applicant	Company Name/Trade Name/Address	Address of the Applicant	Company Name/Trade Name/Address	Address of the Applicant	Company Name/Trade Name/Address
Date of Issuance	01/02/2021	Applicant Signature		Applicant Signature	
Location Particulars		Location Particulars		Location Particulars	
District	AZAMGARH	Block	BHAGSALDA	Block	BHAGSALDA
Post No./Village No.	141111	Post No./Village No.	141111	Post No./Village No.	141111
Particulars of the Existing Well and Pumping Device		Particulars of the Existing Well and Pumping Device		Particulars of the Existing Well and Pumping Device	
Date of Construction of Well	01/02/2021	Date of Construction of Well		Date of Construction of Well	
Type of Well	Tube Well	Type of Well		Type of Well	
Purpose of Well	Industry	Purpose of Well		Purpose of Well	
System/Particulars (For Tube Well)		System/Particulars (For Tube Well)		System/Particulars (For Tube Well)	
Type of Pump Used	Submersible	Type of Pump Used		Type of Pump Used	
Operational Depth	2000 Meter	Operational Depth		Operational Depth	
Date of Construction (in Case of Existing Well)	01/02/2021	Date of Construction (in Case of Existing Well)		Date of Construction (in Case of Existing Well)	

16

Annexure – 2 Ground Water Abstraction Permission from UPGWD

GROUND WATER DEPARTMENT
 Ministry of Jal Shakti
 Government of Uttar Pradesh

Form 8 (C)
 (See Rule 6(1))

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2016]
 AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: N00023356
 VALID FROM 20/04/2024 TO 22/04/2026
 (URBAN) of the Uttar Pradesh Ground Water Management and Regulation Act, 2016

Registration No.: 282160000000

Name of the Owner	ONE PNC	Company Name (if any)	
Description	HOD Project	Dumping Capacity (kg)	10000
Company Address (if any)	VII - Madani, Post Saranjan, Dist - Ayer	Administrative Letter (if any)	CSB - 305
Address of the Applicant	Chowk Ghansi, Post Saranjan, Dist - Ayer, District - Saranjan, State - Bihar, India, Pin Code - 851001	Application Form Serial No.	10000000000000000000
Date of Submission	08/03/2024	Application Register No.	
Location Particulars			
Circle	2874	Block	SARANJAN
Post/ Sub-township	10000000000000000000	Municipality/ Corporation	NA
Ward/ Habitation No.			NA
Particulars of the Existing Well and Pumping Device			
Date of Construction of the Well	01/01/2024		
Type of Well	Tube well	Depth of the Well (in meters)	60.00
Purpose of use	Irrigation	Assembly Register No.	
Number of Pumps (if any)	1		
Type of Pump Used	Electric	H.P. of the Pump	15.00
Operational Capacity	Electric Motor	Rate of Withdrawal (liters/hr)	15.00
Date of Construction (in Case of Electric Pump)	01/01/2024		

GROUND WATER DEPARTMENT
 Ministry of Jal Shakti
 Government of Uttar Pradesh

Form 8 (C)
 (See Rule 6(1))

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2016]
 AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: N0004835
 VALID FROM 20/04/2024 TO 22/04/2026
 (RURAL) of the Uttar Pradesh Ground Water Management and Regulation Act, 2016

Registration No.: 282160000000

Name of the Owner	ONE PNC	Company Name (if any)	
Description	HOD Project	Dumping Capacity (kg)	10000
Company Address (if any)	VII - Madani, Post Saranjan, Dist - Ayer	Administrative Letter (if any)	CSB - 305
Address of the Applicant	Chowk Ghansi, Post Saranjan, Dist - Ayer, District - Saranjan, State - Bihar, India, Pin Code - 851001	Application Form Serial No.	10000000000000000000
Date of Submission	08/03/2024	Application Register No.	
Location Particulars			
Circle	2874	Block	SARANJAN
Post/ Sub-township	10000000000000000000	Municipality/ Corporation	NA
Ward/ Habitation No.			NA
Particulars of the Existing Well and Pumping Device			
Date of Construction of the Well	01/01/2024		
Type of Well	Tube well	Depth of the Well (in meters)	20.00
Purpose of use	Irrigation	Assembly Register No.	
Number of Pumps (if any)	1		
Type of Pump Used	Electric	H.P. of the Pump	10.00
Operational Capacity	Electric Motor	Rate of Withdrawal (liters/hr)	20.00
Date of Construction (in Case of Electric Pump)	01/01/2024		

Annexure – 4 Bag House of Cement Mills along with Tall Stack



**Bag House of VRM
along with Tall Stack**

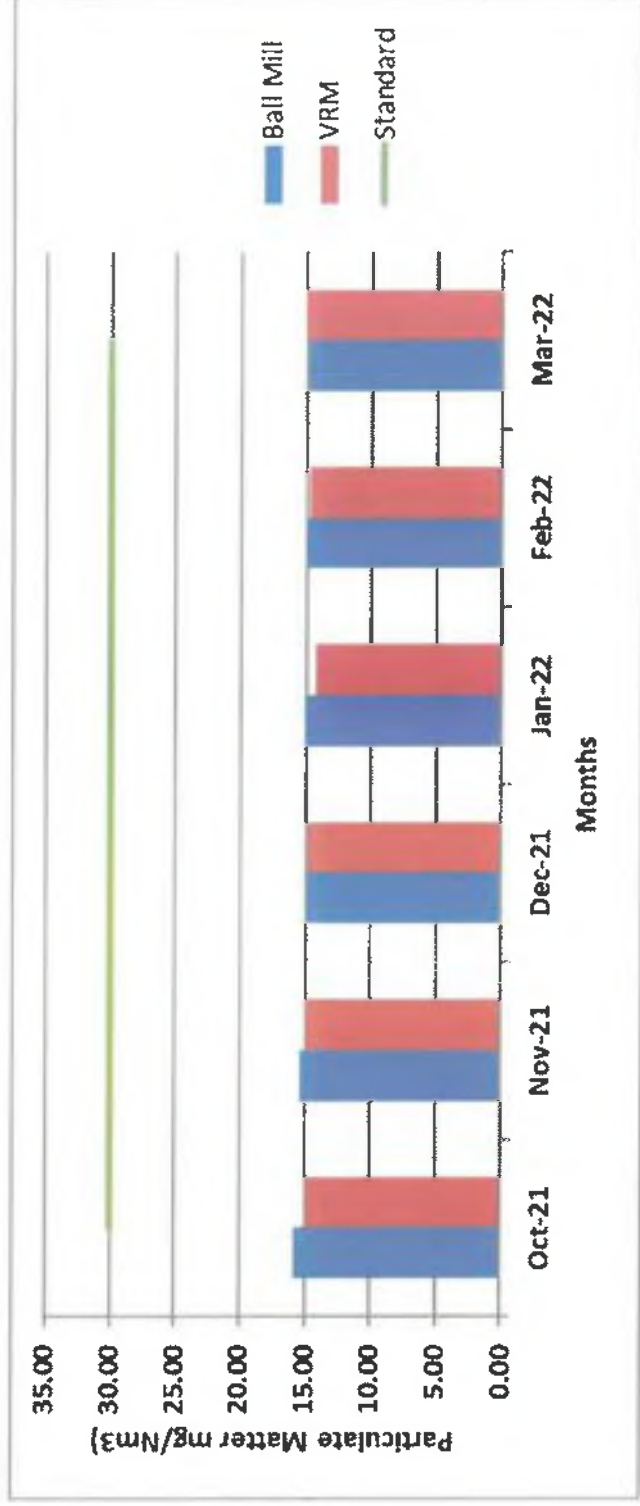


**Bag House of Ball Mill
along with Tall Stack**

Annex.-4(Online CEMS in both Stacks)



Annex.-4 (Stacks Emission results of Cement Mills)



**Annexure – 5 Grinding Unit –Jhansi, Fugitive Emission, Secondary
Fugitive emission Results ($\mu\text{g}/\text{m}^3$)**

Month	Gypsum Hopper($\mu\text{g}/\text{m}^3$)	Clinker Stock Pile-1 ($\mu\text{g}/\text{m}^3$)	Clinker Stock Pile-2 ($\mu\text{g}/\text{m}^3$)	Near Wagon Tippler ($\mu\text{g}/\text{m}^3$)	Gypsum Storage Yard ($\mu\text{g}/\text{m}^3$)	Near VRM ($\mu\text{g}/\text{m}^3$)
Oct-21	1065.3	1112	1094.6	1085.2	1147	1188.6
Nov-21	1085.6	1098.3	1105.4	1165.2	1146.2	1210
Dec-21	1123.6	1124.6	1098.5	1087.4	1125.4	1185.2
Jan-22	1026.9	1205.4	1112.6	1064.5	1155.2	1214.8
Feb-22	1108.2	1189.6	1205.4	1074.5	1120.6	1156.9
Mar-22	1103.8	1204.6	1198.4	1085.5	1098.4	1178.6

Annexure – 6 Monitoring Data Submitted to SPCB, MoEF and CPCB, on regular basis

HCIL:UPPCB:2022: 47

The Member Secretary
U.P. Pollution Control Board
TG-12 V. VISHNUPATI KHAND
DOMTI NAGAR LUCKNOW(UP)

HEIDELBERGCEMENT
HeidelbergCement India Limited
 C-1, Laxmi Park, Old Industrial
 -Noida, U.P. -201301
 Udaipur, India 313 121
 Phone: +91 512 2700000
 Fax: +91 512 2700000

9th April, 2022

Dear Sir,

Sub: Quarterly Air Consent Compliance Report Period Jan22 to Sept22

Ref: 130130252222/QuarterlyUPPCBRO/CTOair/HANS/2021 dated 10.12.2021

The same has been submitted to you as per the contract under section 21(2) of Air Act 1986. We are enclosing herewith the latest data as quarterly compliance report for Consent to operate (CTO) under section 21(2) of Air (Prevention and Control of Pollution) of our Cement Grinding capacity at Chamecha Cement (Prop. HeidelbergCement India Ltd) at Medora District, Jhansi (UP) for the period Jan22 to Mar22.

All the monitoring reports for the period Jan22 to Mar22 are attached herewith.

Thanking you,
 Yours faithfully,
 For Diamond Cement
 (Prop. HeidelbergCement India Ltd)
 Manoj Vashishth
 (Sr. General Manager-Production)

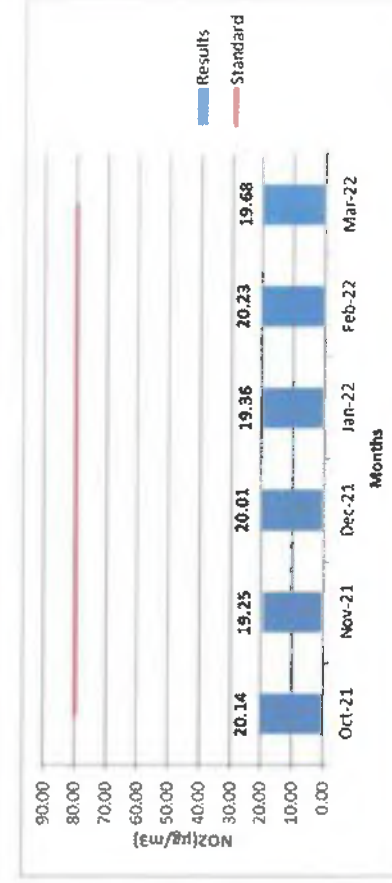
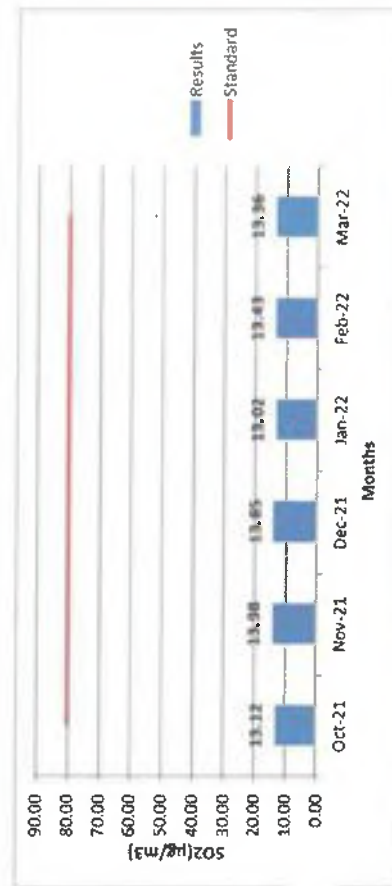
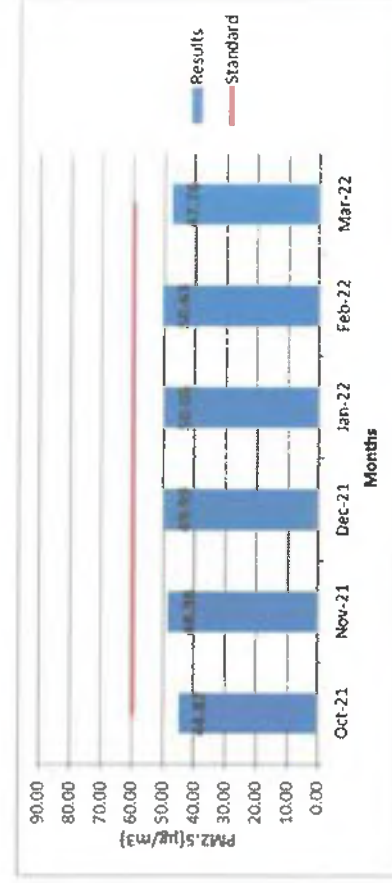
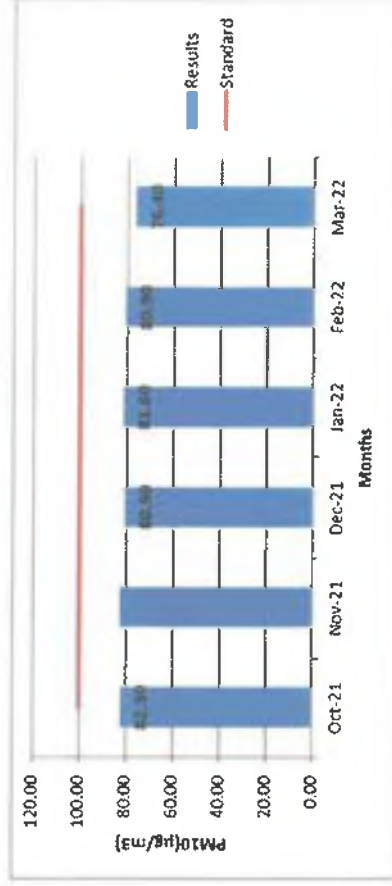
Encl. As above

cc. Regional Officer, UP Pollution Control Board, UP Aves Vikas Parishad, Tabara
 Yojna, Kanpur Road, Jhansi (UP).

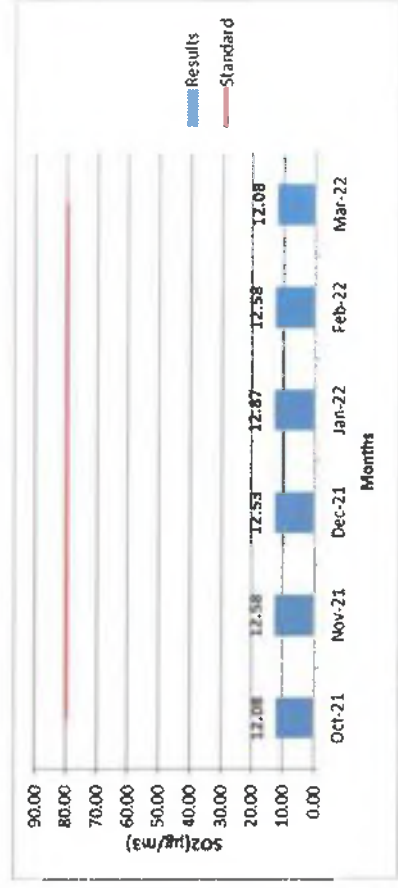
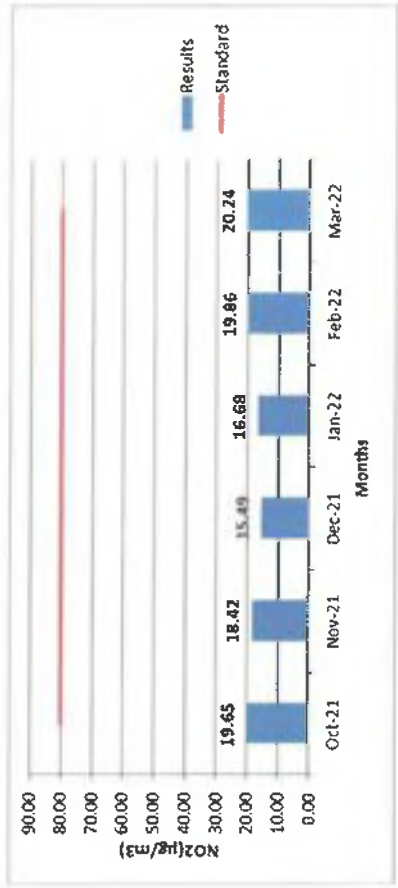
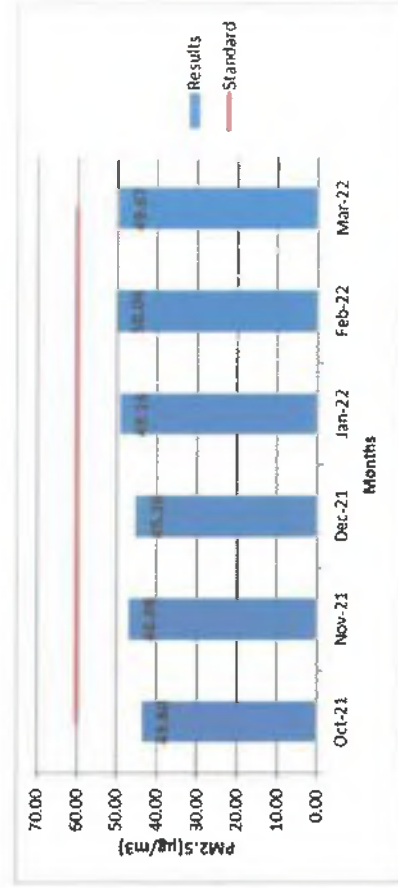
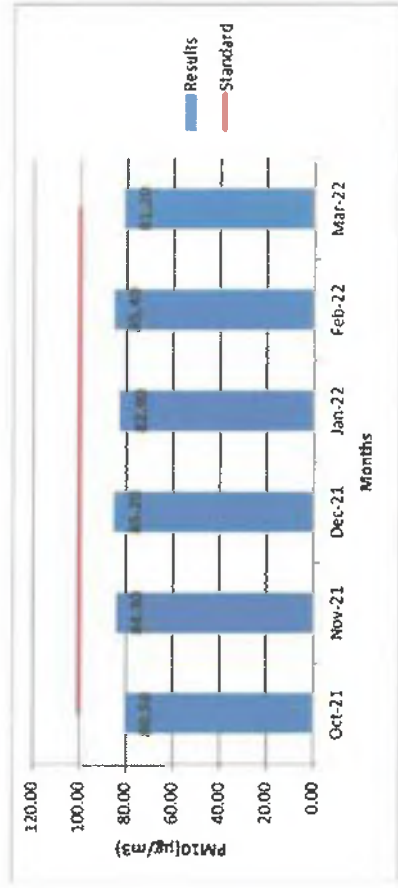
Regional Office
 2nd Floor, Post No. 48, Bhopal-44
 Chhatrapati, Nandana, LB3002



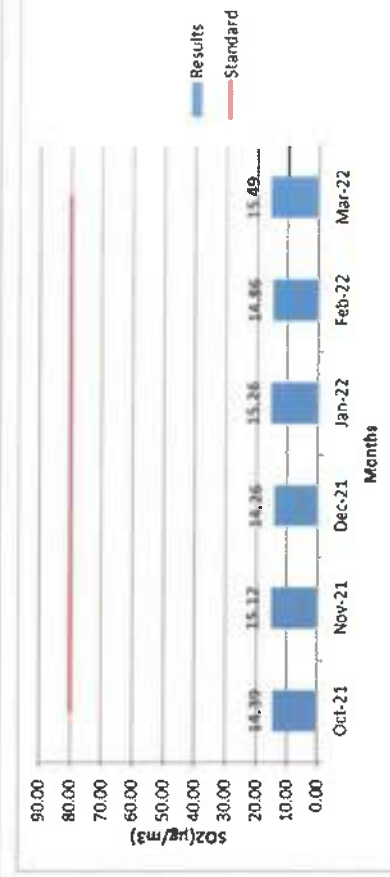
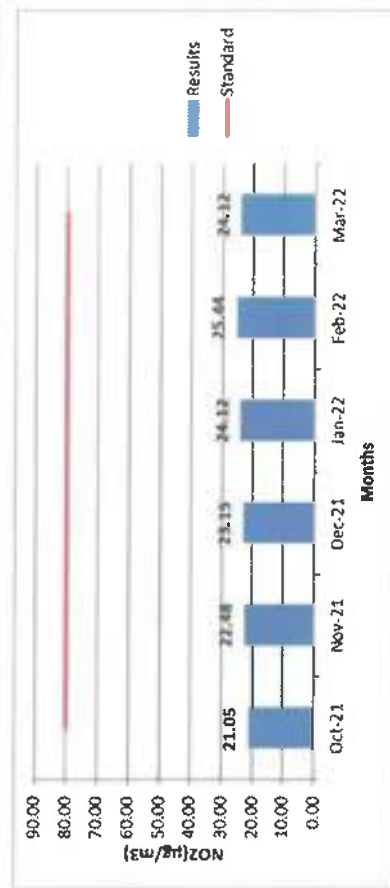
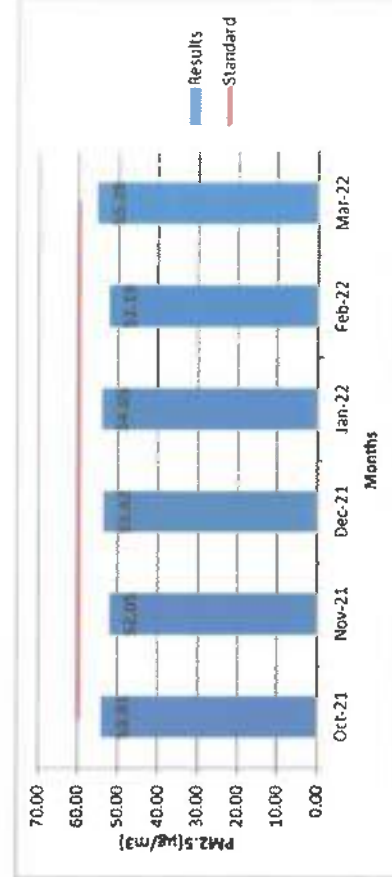
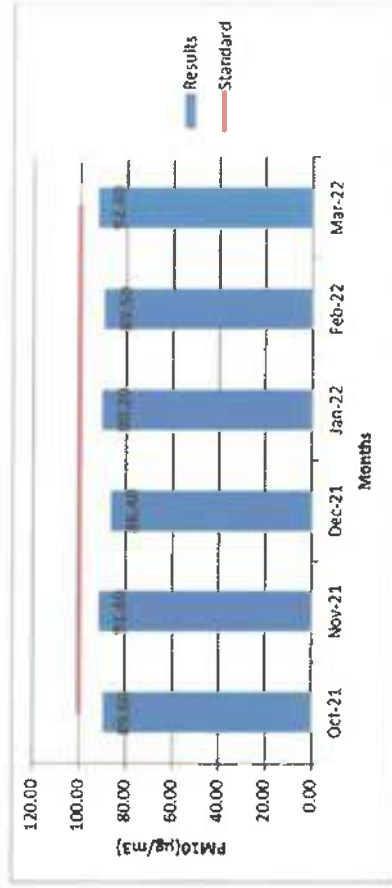
Annexure – 6 Grinding Unit- Jhansi, Ambient Air Quality Results(Near ADM Building)



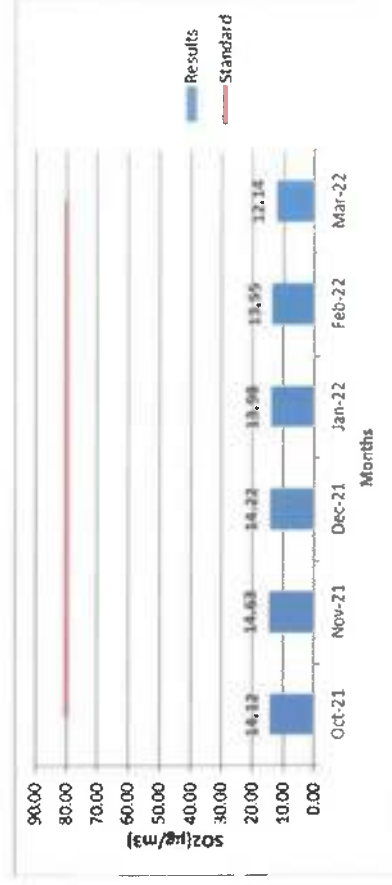
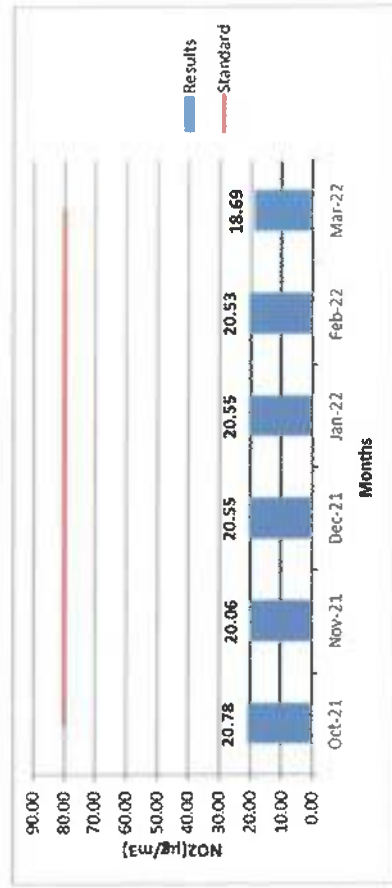
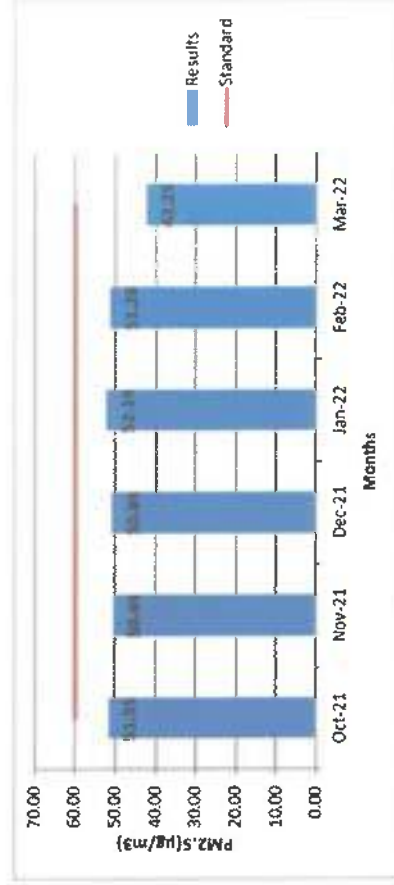
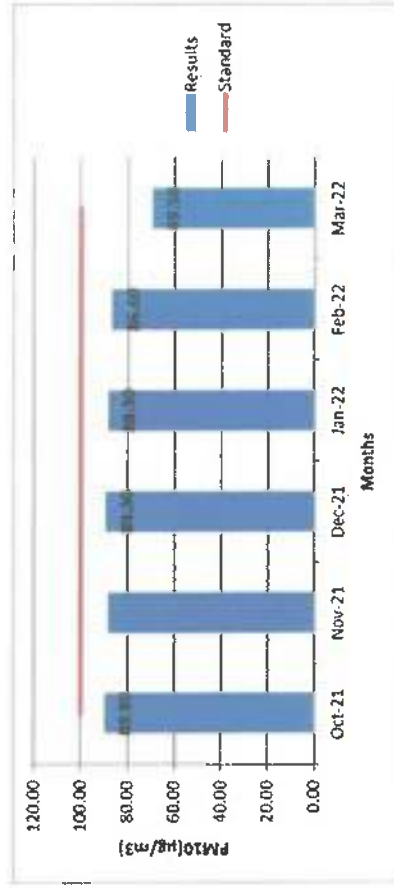
Annexure – 6 Grinding Unit- Jhansi, Ambient Air Quality Results(Near Khaitbaba Temple)



Annexure – 6 Grinding Unit- Jhansi, Ambient Air Quality Results(Behind New Weigh bridge)



Annexure – 6 Grinding Unit- Jhansi, Ambient Air Quality Results(Near 132 kV Switch Yard)



Annexure – 6 Grinding Unit- Jhansi, Ambient Air Quality Results

Parameter	Near ADM Building($\mu\text{g}/\text{m}^3$)	Near Khatibaba Temple($\mu\text{g}/\text{m}^3$)	Behind New Weigh Bridge($\mu\text{g}/\text{m}^3$)	Near 132 Kv Switch Yard($\mu\text{g}/\text{m}^3$)
Ozone	BDL	BDL	BDL	BDL
Ammonia	14.29	15.23	15.34	14.98
Lead	BDL	BDL	BDL	BDL
Benzene	BDL	BDL	BDL	BDL
Nickel	BDL	BDL	BDL	BDL
Arsenic	BDL	BDL	BDL	BDL
Benzo(a) Pyrine	BDL	BDL	BDL	BDL

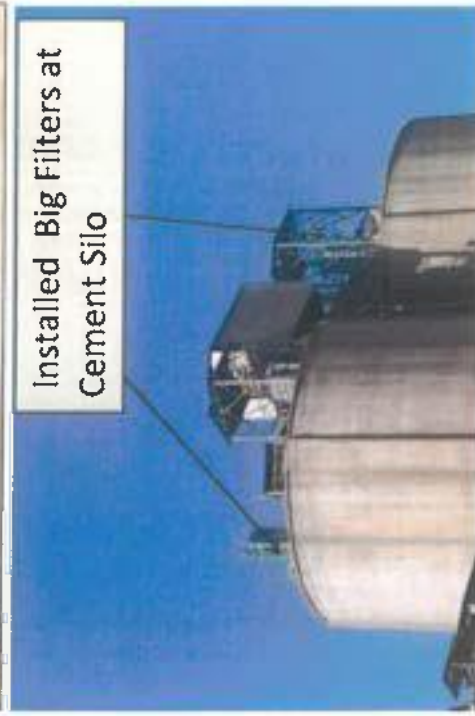
Annexure – 7 Bag Filter Installed at all Transfer points, Cement Silo's & Fly ash silo



Installed Big Filters at Cement Silo



Installed Big Filters at Fly Ash Silo



Installed Big Filters at Cement Silo



Installed Big Filters at Fly Ash Silo

Annexure – 7 Details of Dust Collectors(Transfer Points & Packing Plant)

S.No.	Location of air pollution control equipment(main equipment/transfer point)	Type of Air pollution equipment (Bag House/Dust collector)	Volume of Air handling operating(M3/hr)
1	242.BF235 Gypsum transport from storage	DUST COLLECTOR	11100
2	242.BF300 Gypsum transport from storage	DUST COLLECTOR	13200
3	242.BF310 Gypsum transport from storage	DUST COLLECTOR	4920
4	242.BF320 Gypsum transport from storage	DUST COLLECTOR	9180
5	245.BF090 Dry fly ash Silo top	DUST COLLECTOR	4080
6	245.BF215 Dry fly ash silo extraction	DUST COLLECTOR	7200
7	245.BF640 Dry fly ash transport & storage	DUST COLLECTOR	3420
8	245.BF700 Dry fly ash silo extraction	DUST COLLECTOR	5220
9	245.BF710 Dry fly ash silo extraction	DUST COLLECTOR	2220
10	Wagon Tippler Unloading system	DUST COLLECTOR	167000
11	471.BF075 Clinker/Gypsum transport to storage	DUST COLLECTOR	13440
12	471.BF150 Clinker/Gypsum transport to storage	DUST COLLECTOR	15000
13	471.BF260 Clinker/Gypsum transport to storage	DUST COLLECTOR	9600
14	481.BF175 Clinker transport to Feed hoppers	DUST COLLECTOR	4620
15	481.BF185 Clinker transport to Feed hoppers	DUST COLLECTOR	4620

Annexure:Contd.. 7 Details of Dust Collectors(Transfer Points & Packing Plant)

S.No.	Location of air pollution control equipment(main equipment/transfer point)	Type of Air pollution equipment (Bag House/Dust collector)	Volume of Air handling operating(M3/hr)
16	481.BF195 Clinker transport to Feed hoppers	DUST COLLECTOR	4620
17	481.BF215 Clinker transport to Feed hoppers	DUST COLLECTOR	13680
18	481.BF220 Clinker transport to Feed hoppers	DUST COLLECTOR	2100
19	201.BF10 Mill Circuit	DUST COLLECTOR	18000
20	201.BF20 Mill Circuit	DUST COLLECTOR	14000
21	201.BF30 Mill Circuit	DUST COLLECTOR	12000
22	205.BF10 Mill Circuit	DUST COLLECTOR	14000
23	205.BF20 Mill Circuit	DUST COLLECTOR	12000
24	204.BF10 Mill Circuit(Hopper discharge belt)	DUST COLLECTOR	18000
25	CT201.BF20 Mill Circuit	DUST COLLECTOR	12000
26	611.BF1 Cement Silo top feed system	DUST COLLECTOR	7500
27	611.BF2 Cement Silo top feed system	DUST COLLECTOR	7500
28	611.BF3 Cement Silo extraction system	DUST COLLECTOR	7500
29	611.BF4 Cement Silo extraction system	DUST COLLECTOR	7500
30	611.BF5 Cement Silo extraction system	DUST COLLECTOR	7500
31	611.BF6 Cement Silo extraction system	DUST COLLECTOR	7500
32	611.BF7 Cemet Silo feed bucket elevator air side	DUST COLLECTOR	5000
33	651.BF1 for Packer-1	DUST COLLECTOR	34000
34	651.BF2 for Packing plant circuit	DUST COLLECTOR	16000
35	651.BF3 for Packer-2	DUST COLLECTOR	34000
36	651.BF4 for Packing plant circuit	DUST COLLECTOR	16000

Annexure – 7 Details of Pollution Control Measures installed at various transfer/material handling points at Jhansi (Ball Mill)

S.No.	Location of air pollution control equipment(main equipment/transfer point)	Type of Air pollution equipment (Bag House/Dust collector)	Volume of Air handling operating(M3/hr)
1	Packing Plant-3	DUST COLLECTOR	34000
2	Packing Plant-4	DUST COLLECTOR	34000
3	Packing Plant-3	DUST COLLECTOR	16000
4	Packing Plant-4	DUST COLLECTOR	16000
5	Cement Silo Top	DUST COLLECTOR	12000
6	Cement Silo Top	DUST COLLECTOR	12000
7	Raw Material Transfer point	DUST COLLECTOR	6000
8	Separator Venting	DUST COLLECTOR	45000
9	Hopper Top	DUST COLLECTOR	9000
10	Truck Tippler	DUST COLLECTOR	25000
11	Fly Ash Silo	DUST COLLECTOR	8200
12	Cement Mill	DUST COLLECTOR	25000
13	Cement Mill building	DUST COLLECTOR	25000
14	Silo feed bucket elevator	DUST COLLECTOR	5000

Details of Pollution Control Measures installed in Existing Cement Mills at Jhansi

S.No.	Location of Air pollution control equipment (main equipment/transfer point)	Type of Air pollution equipment (Bag House/Dust collector)	Stack Height(Mtr.)	Stack Dia.(mm)	Volume of Air handling operating(M3/hr)	Inlet of Dust at Dust collector	Dust concentration at outlet of BH/BF
1	Ball Mill	Bag House	31	1200	70000	200 gms/M3	<30 mg/Nm3
2	Vertical Roller Mill	Bag House	57	3150	705000	410 gms/M3	<30 mg/Nm3

Annexure- 8: Compliance of Charter on Corporate Responsibility for Environmental Protection (CREP)

S. No.	Agenda as per the Charter	Status
1	<p>Cement Plants, which are not complying* with notified standards, shall do the following to meet the standards:</p> <ul style="list-style-type: none"> • Augmentation of existing Air Pollution Control Devices --- by July 2003 • Replacement of existing Air Pollution Control Devices --- by July 200 	<p>We have already installed the Pollution control Measures at all relevant places, besides this we have converted the old ESP in to Pulse Jet Bag House In CM-1 to achieve the emission level of $l < 30$ mg/NM³.</p>
2	<p>Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary) will meet 100 mg/Nm³ limit of particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm³.</p>	<p>The emission level from the stack is being maintained < 30 mg/NM³.</p>
3	<p>The new cement kilns to be accorded NOC/Environmental Clearance w.e.f. 01.04.2003 will meet the limit of 50 mg/Nm³ for particulate matter emissions.</p>	<p>The emission level from the stack shall is being maintained < 30 mg/NM³</p>
4	<p>CPCB will evolve load based standards by December 2003.</p>	<p>Not applicable</p>
5	<p>CPCB and NCBM will evolve SO₂ and NO_x emission standards by June 2004.</p>	<p>Not Applicable</p>
6	<p>The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.</p>	<p>We have installed adequate new Bag filters at various transfer points to control the generation of fugitive emission.</p>

Annexure- 8: Compliance of Charter on Corporate Responsibility for Environmental Protection (CREP)

S.No.	Agenda as per Charter	Status
7	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum coke as fuel in cement kiln by July 2003.	Not Applicable
8	After performance evaluation of various types of continuous monitoring equipment and feed back from the industries and equipment manufacturers, NTF will decide feasible unit operations/sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003.	Opacity meter has been installed at both the Cement mills stack and its online stack emission data is being uploaded at UPPCB & CPCB server.
9	Trippings in kiln ESP to be minimized by July 2003 as per the recommendation of NTF.	No ESP is there in the plant only Bag House, bag filters have been installed. Hence no tripping is involved.
10	Industries will submit the target date to enhance the utilization of waste material by April 2003.	Fly ash purchased from PTPP is utilized for making cement at Grinding Unit Jhansi.
11	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	This is a Grinding Unit hence Not Applicable
12	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003.	The waste gases emitting from Cement Mill Stacks are having very low temperature from which co-generation of power is not feasible.

Annexure – 9 Concerted Road Inside Plant



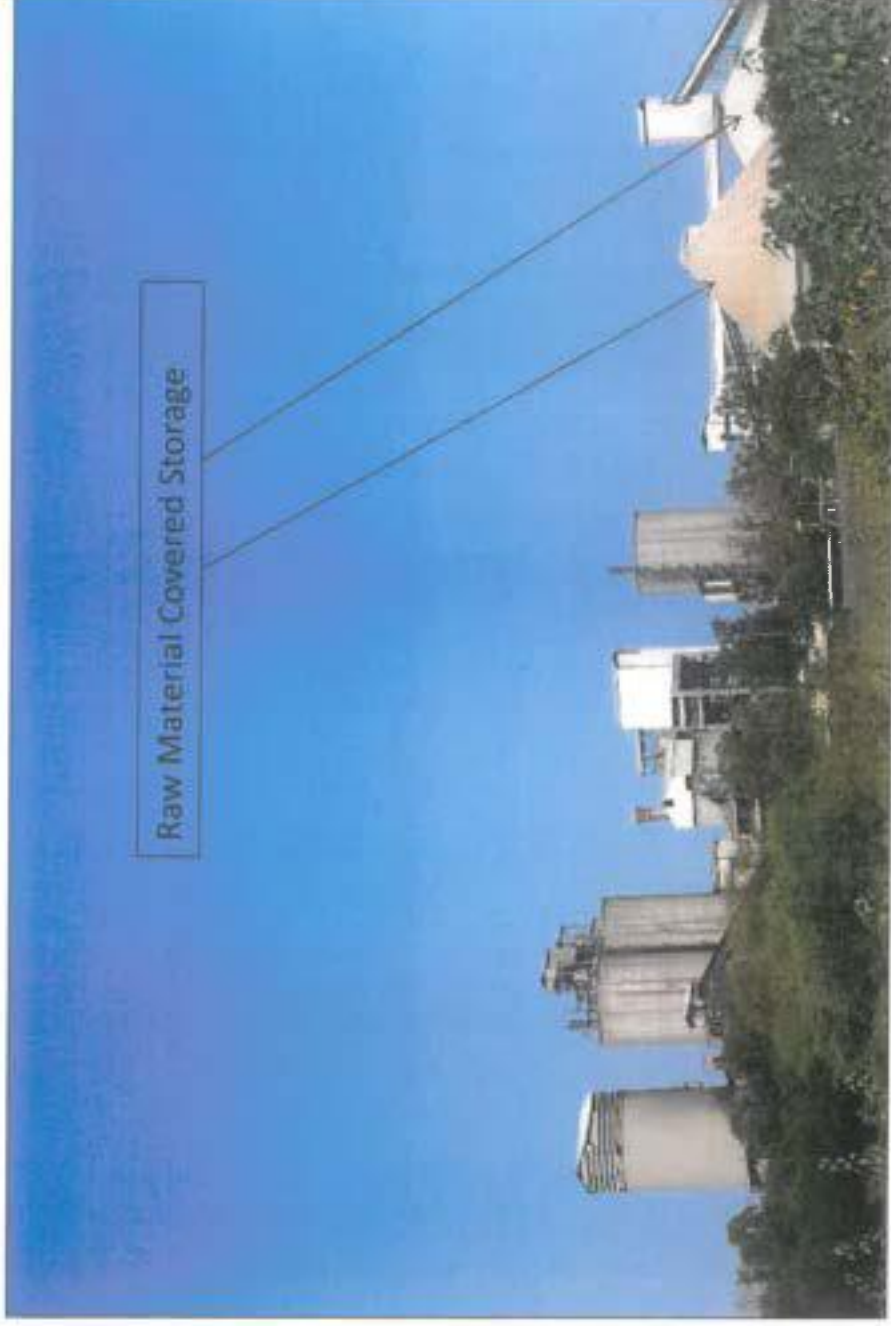
Annexure – 10 Road Cleaning by Sweeping Machine



Annexure – 11 RCC Silo's for Cement Storage & Fly ash Storage & Closed Clinker Stock piles



Annexure – 12 Closed Clinker Stock Piles



Annexure – 13 Pneumatic Unloading of Fly Ash



Annexure – 13 Fly Ash & Cement Transported in Closed Containers



Fly Ash Bulker



Cement Truck

Annexure – 14 Rain Water Harvesting System at Colony



Rain Water Harvesting collection Pond at Colony



Water Conveying Pipes

Annexure – 14 Rain Water Harvesting System at Colony



Pipe Lines Laying



Filtration Filters



Drainage valve

Annexure – 14 Rain Water Harvesting System at Colony



Rain Water Harvesting collection Pond at Colony



Water Conveying Pipes

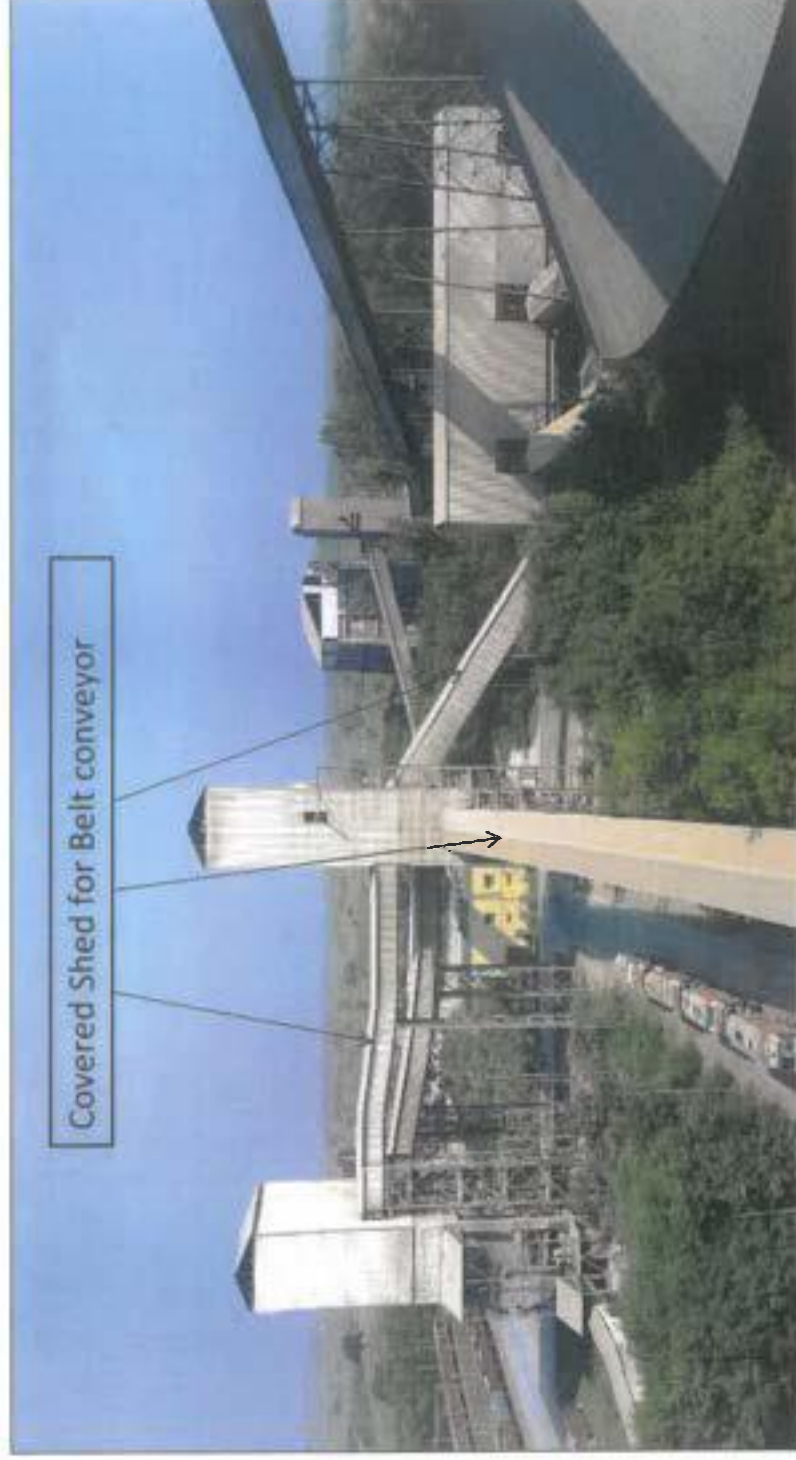
Annexure – 15 Ambient Noise Level

Location → Month ↓	Nr Khatibaba		Near Hostel		132 kVA Switch		Nr. Worker	
	Day	Night	Day	Night	Day	Night	Day	Night
Oct-21	54.16	49.96	50.13	41.03	62.14	50.26	55.03	44.57
Nov-21	55.13	50.68	50.32	40.82	63.59	51.46	54.98	45.23
Dec-21	54.76	49.82	50.89	41.03	62.15	50.86	58.14	49.68
Jan-22	55.02	51.86	51.23	40.15	63.48	51.24	56.88	50.12
Feb-22	55.6	49.4	52.2	41.3	64.8	52.4	55.7	49.5
Mar-22	55.6	50.2	51.3	43.8	63.8	51.6	54.2	48.5

Annexure – 16 % Fly Ash Consumption in Cement Manufacturing

% Fly Ash Consumption for Cement Manufacturing	
2019-20	34.78
2020-21	34.90
April21-Sep21	34.92
Oct21-Mar22	34.93

Annexure – 7 Covered Belt Conveyor and Bag Filters at different Transfer points



Annexure – 17 Solid Waste Management System

We have installed Solid waste management system for disposal of solid waste (Like bio-degradable food, kitchen waste/peels, garden waste) are generated on daily basis.



Rickshaw for Collecting the Waste



Organic Waste Converter



Manure Storage

Annexure – 18 Green Belt development in the plant & colony premises



HEIDELBERGCEMENT

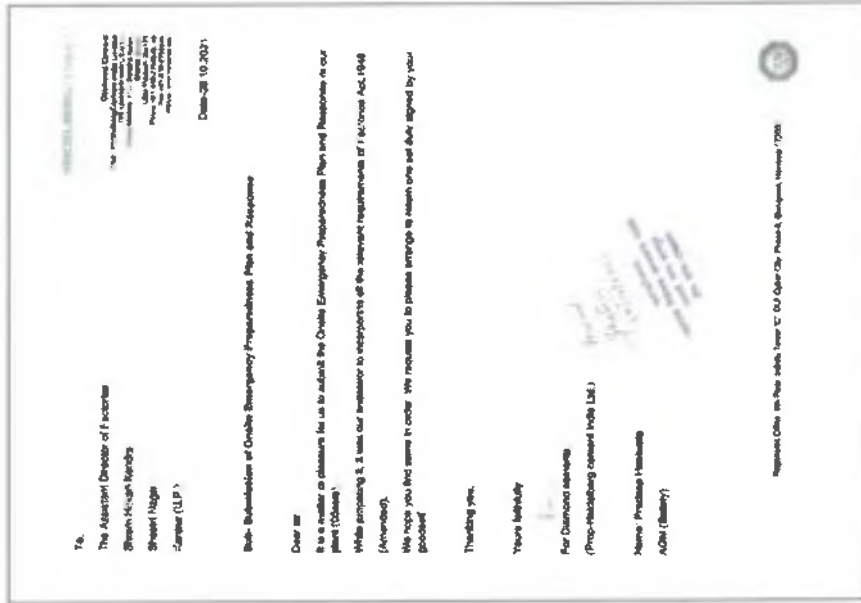
Annexure – 18 Green Belt development in the plant & colony premises



Annexure – 18 Green Belt development in the plant & colony premises



Annexure – 19 Emergency Preparedness Plan & HIRA



Annexure – 20 Health Check-up Records of Workers

Medical Test Performed for W.B.Workers

List of W.B. Workers																			
Sr. No	ENrno	Diprt	ABS	CBC	URINE ALB	URINE SUGAR	UREA	CREATINE	90 OT	90 PT	LFT	PROBILIT	AKAF	ERAY	ECO	UDKORAM	PFT	VIBION	
1	MOTI SINGH	PACKING PLANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	PRADEEP SINGH CHOLHAN	PACKING PLANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	SHRI BRIJ KISHORE YADAV	Mechanical	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	RAJARAM AHRWAR	PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	JAGDISH SHAY OJHA	PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	HARI RAM KUSHWAHA	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	P RAJU	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	DEEP CHAND YADAV	PACKING PLANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	VIMAL KUMAR SHUKLA	INSTRUMENTATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	SANJAY SRIVASTAVA	QUALITY CONTROL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	BALWAN SINGH KUSHWAHA	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	PARSURAM KUSHWAHA	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	BHANJA KUSHORE DAS	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	MAHENDRA KUMAR SAHNI	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	SHIV NARAYAN SHARMA	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	BALBIR SINGH DHAKA	PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	BHUPAT SINGH	PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	VIRENDRA SINGH NEGI	PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	MAHENDRA PRATAP SINGH YAD	PACKING PLANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	TEJ NARAYAN PRASAD KARAN	INSTRUMENTATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	MAHENDRA SINGH	PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	SURAJ SINGH YADAV	PACKING PLANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	SANJAY SRIVASTAVA	INSTRUMENTATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	MATHILY SHARAN YADAV	PACKING PLANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	BALKEET PATEL	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	OM PRAKASH CHOURASIA	QUALITY CONTROL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	BISANI CHARAN BAL	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	MAHENDRA YADAV	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	BHAGYADHAR SAHOO	PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	KRISHNA BAHADUR SINGH	PRODUCTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	JAWWADUL HAQ	PACKING PLANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	BHOLA PRASAD	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	RAJENDRA PRASAD SAHA	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	MOHAN LAL RATHORE	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	BRIJ MOHAMMAD RARIYA	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	SHEETAL KUMAR SHARMA	INSTRUMENTATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37	MAHESH PRASAD RAJAK	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	PERMANAND YADAV	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
39	RAJENDRA SINGH	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	RAM RAJA SHARMA	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41	BAHADUR SINGH	PACKING PLANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
42	Pranod Kumar Mishra	QUALITY CONTROL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
43	Raboo Ram Jaiswal	INSTRUMENTATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	Ravindra Nath Thareri	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
45	Abhinav Kumar Singh	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
46	Raj Kumar Mishra	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
47	Rakesh Kumar	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
48	Q.W. Siddique	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
49	Mahab Singh	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	Dimplekar	MECHANICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Annexure – 21 Integrated Management System: ISO Certification(ISO:14001:EMS,ISO:9001:Quality Management, ISO:45001:OHSAS, ISO:50001:Energy Management System


mycem


lets work healthy life


HEIDELBERGCEMENT

Integrated Management System Policy

We, at Heidelberg Cement India Limited are fully committed towards customer satisfaction, environmental protection, providing healthy & safe work environment, energy conservation, and socially accountability to all concerned and our endeavour is to:

- Produce cement much better than the applicable standards to satisfy the customer needs.
- Conform to all requirements of SA 8000 Standard and to respect the international instruments on social accountability
- Comply with all applicable legal, social and other requirements.
- Involve and train human resources to upgrade their skills in all areas including safety.
- Regularly set and review objectives and targets for continual improvement in the quality, productivity, work environment, health & safety performance, energy, and Social accountability.
- Ensuring availability of information and necessary resources to achieve Objectives and Targets
- Prevention of pollution.
- Prevention in occupational injuries and ill health, Eliminating hazards and reducing OH&S risks
- Supporting the purchase of energy efficient & eco-friendly technologies, products, services and design for energy performance improvement.
- Consultation and participation of workers, and, where they exist, workers' representatives.

This policy has been communicated to all the employees and is available to the public and interested parties on demand.


Date: 01.07.2018

Managing Director

Integrated Management System(IMS)

HEIDELBERGCEMENT

Annexure – 21 Integrated Management System: ISO Certification(ISO:14001:EMS,ISO:9001:Quality Management, ISO:45001:OHSAS, ISO:50001:Energy Management System


	INTEGRATED MANAGEMENT SYSTEM POLICY		FORMAT NO	IMS.F.5.2.2
	DOC	00	ISSUE NO.	01
	DATE	01/11/2021	PAGE NO.	1 of 1

Integrated Management System Policy

We, at Heidelberg Cements are fully committed towards customer satisfaction, environmental protection, providing healthy & safe work environment, energy conservation and social responsibility to all concerned and therefore put our best efforts to:

- Produce quality cements that exceed statutory standards and customer expectations and promote use of environment friendly construction products & solutions.
- Deploy energy efficient & eco-friendly technologies, products, services and designs for energy efficiency and performance improvement.
- Contain pollution with increased emphasis on repair, recycle and reuse.
- Proactively address water sustainability issues by minimizing its water footprint.
- Maintain desired water quality during processes and discharges if any.
- Comply with all applicable legal, social, energy efficiency, energy performance and other stake holder's obligations.
- Conform to the requirements related to Corporate Social Responsibility following the Principles and Guidelines.
- Train human capital with a view to upgrade their skills in all areas including safety.
- Regularly set and review objectives and targets for continuous improvement in areas of quality, productivity, work environment, health & safety performance, energy performance and evaluating voluntary initiatives for social responsibility.
- Ensure availability of necessary resources and relevant information to achieve Objectives and Targets.
- Prevent occupational injuries and ill health, by eliminating hazards and reducing OH&S risks.
- Promote consultative management practices by involving workmen.

This policy has been communicated to all the employees and is available to the public and interested parties on demand


Managing Director

Integrated Management System(IMS)

Annexure – 21 ISO Certification(ISO:14001:EMS,ISO:9001:Quality Management, ISO:45001:OHSAS,ISO:5001:Energy Management System



EMS:ISO:14001



QM:ISO:9001



OHSAS:ISO:45001

Annexure – 21 ISO Certification(ISO:14001:EMS,ISO:9001:Quality Management, ISO:45001:OHSAS,ISO:50001:Energy Management System



Energy Management System:ISO:50001

Annexure – 22 Responsibility Matrix of Environmental Conditions

HEIDELBERG CEMENT INDIA LIMITED		HEIDELBERG CEMENT INDIA LIMITED												
INTEGRATED MANAGEMENT SYSTEM		INTEGRATED MANAGEMENT SYSTEM												
Legal Compliance Matrix of JMWESI		Legal Compliance Matrix of JMWESI												
Title: Evaluation of Compliance - Legal Requirements		Title: Evaluation of Compliance - Legal Requirements												
Sr. No.	Title of Legislation	Production	Quality Control	Instrumentation	Mechanical	Electrical	Purchase	HR	IT	Civil	IMCC	Packing Plant	Logistics	Stores & Warehousing
1	The Water (Prevention & Control of Pollution) Act, 1987, Rules 1987	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	The Air (Prevention & Control of Pollution) Act, 1987, Rules 1987	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	The Environment (Protection) Act, 1986, Rules 1986	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Manufacture, Storage and Import of Hazardous Chemicals Rules, 1988	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Consent Conditions and other Hazardous Rules	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Hazardous and Other Waste Management and Handling Rules, 2016	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

ISSUED BY:  APPROVED BY: 

MASTEI

HEIDELBERG CEMENT INDIA LIMITED		HEIDELBERG CEMENT INDIA LIMITED												
INTEGRATED MANAGEMENT SYSTEM		INTEGRATED MANAGEMENT SYSTEM												
Legal Compliance Matrix of JMWESI		Legal Compliance Matrix of JMWESI												
Title: Evaluation of Compliance - Legal Requirements		Title: Evaluation of Compliance - Legal Requirements												
Sr. No.	Title of Legislation	Production	Quality Control	Instrumentation	Mechanical	Electrical	Purchase	HR	IT	Civil	IMCC	Packing Plant	Logistics	Stores & Warehousing
7	The Petroleum Act, 1934 and Rules, 2011	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	The Factories Act, 1948, including LP Factories Rules, 1967	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	The Battery (Management & Handling) Rules, 2010	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	The Noise Pollution Control Rules 2010	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11	The Central Motor Vehicles Act, 1988 and Rules, 1989, 2016	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

ISSUED BY:  APPROVED BY: 

MASTEI

Annexure – 22 Responsibility Matrix of Environmental Conditions

HEIDELBERG CEMENT INDIA LIMITED	DOC. NO: HCL/3HS)-LR-LO4
INTEGRATED MANAGEMENT SYSTEM	REV NO.: 00
Legal Compliance Matrix of JHANSI	EFF. DATE: 01.07.18
Title: Evaluation of Compliance - Legal Requirements	PAGE: 70 of 7

Risks and Responsibilities of Legal Obligations

S. No.	Activity	Responsible Department
1	Consent for Grant of Environment Clearance, Consent to Establish (under Air & Water Act), Consent To Operate (under Air & Water Act) and its renewal	HOD - Regulatory
2	Obtaining authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules 2016	HOD - Production
3	Obtaining authorization under Bio Medical Waste (Management) Rules 2016	HOD - Production
4	Implementation of Conditions of authorization under Bio Medical Waste (Management) Rules 2016	HOD - HR & Admin and IT, Hospital and All concerned HODs of Plant
5	Implementation of Conditions of Consents under Air & Water Act and conditions of Authorization under Hazardous Waste (Management, Handling and Transboundary Movement) Rules	HOD - QC
6	Grant & Maintaining Licensing of BIS for cement manufacturing	Safety - Office
7	Preparation and grant of approval of Directorate, Industrial Health and safety for Emergency Preparedness Plan	HOD - HR
8	License to work a Factory prescribed under Rule 5 of U.P. Factories Rules 1962	HOD - HR (Admin Security)
9	Registration Certificate as Principal Employer Under Contract Labour (Regulation & Abolition) Act, 1970 & Central Rules 1971	HOD - HR (Admin Security)
10	Implementation and review for valid license, registration papers, P.C. certificate etc. for complying "The Central Motor Vehicles Act, 1988 and Rules, 1989"	HOD - Electrical
11	Annual Inspection of Electrical Installation	HOD - Electrical
12	Changing Approval of new / modified electrical installation	HOD - Mechanical
13	Maintained and examined all hoist and lift	HOD - Store
14	Grant of approvals for storage of HDS and LPG from Dy. Chief Controller of Explosives under Petroleum Act 1934 and Indian Explosives Act 1984	HOD - Store
15	Grant of Metrological Certificates for Weight & Measurement related equipment	HOD - Instrument
16	Grant of approval for use of wireless from Govt. of India, Ministry of Communications, Department of Telecommunications	HOD - Instrument

ISSUED BY: 	APPROVED BY: 
	

Annexure – 23 Expenditure on environment management incurred between Oct212021 to Mar2022

S. NO.	DETAILS	COST RS. LAKHS (APPROX)
1	Stack and Ambient Air Quality Monitoring	2.93
2	Operation and maintenance of Sewage treatment plant	8.99
3	Green belt Development and maintenance	10.0
4	House Keeping Expenses	8.54
5	Operation & Maintenance of Municipal Solid waste	2.94
6	Maintenance of Air Pollution Control Devices	6.24
7	Operation and Maintenance of CEMS & AAQMS	11.0
8	Road sweeping (Mechanized)	2.82
	Total Cost	53.46

Annexure – 24 EC Advertisement Published in Local Newspapers

Amar Ujala: 13.11.19

पर्यावरण नियमन सूचना

मेसर्स डायमंड सीमेंट्स (प्रो. हाईडलबर्ग इंडिया लिमिटेड) को कंपनी के मंडारा (आईसी 3.3.) स्थित सीमेंट उत्पादन यूनिट के विस्तार के लिए स्टेट लेबल एन्वॉरोन्मेंट इम्पेक्ट एसेसमेंट अर्थात् ईटी उत्तर प्रदेश से संशोधित प्रदेस से संशोधित एन्वॉरोन्मेंटल क्लीयरेंस पत्र दिनांक 04.11.2019 के द्वारा दिया गया है। इस विस्तार से मंडारा (आईसी) प्लांट की उत्पादन क्षमता बढ़कर 3.25 मिलियन टन प्रतिवर्ष हो जाएगी। एन्वॉरोन्मेंटल क्लीयरेंस पत्र की प्रतियां टन प्रतियोजना बोर्ड/ एन्वॉरोन्मेंटल क्लीयरेंस पत्र की प्रतियां स्टेट पोल्यूशन कंट्रोल बोर्ड/ एन्वॉरोन्मेंट ऑफ एन्वॉरोन्मेंट उत्तर प्रदेश के पास उपलब्ध है।

वाईस प्रेसिडेंट
डायमंड सीमेंट्स (आईसी यूनिट)
(प्रो. हाईडलबर्ग सीमेंट्स इंडिया लिमिटेड)

Janta Union 13.11.19

पर्यावरण नियमन सूचना

मेसर्स डायमंड सीमेंट्स (प्रो. हाईडलबर्ग इंडिया लिमिटेड) को कंपनी के मंडारा (आईसी 3.3.) स्थित सीमेंट उत्पादन यूनिट के विस्तार के लिए स्टेट लेबल एन्वॉरोन्मेंट इम्पेक्ट एसेसमेंट अर्थात् ईटी उत्तर प्रदेश से संशोधित एन्वॉरोन्मेंटल क्लीयरेंस पत्र दिनांक 04.11.2019 के द्वारा दिया गया है। इस विस्तार से कंपनी के मंडारा (आईसी) प्लांट की उत्पादन क्षमता बढ़कर 3.25 मिलियन टन प्रतिवर्ष हो जाएगी। एन्वॉरोन्मेंटल क्लीयरेंस पत्र की प्रतियां स्टेट पोल्यूशन कंट्रोल बोर्ड/ डायरेक्टोरेट ऑफ एन्वॉरोन्मेंट उत्तर प्रदेश के पास उपलब्ध है।

वाईस प्रेसिडेंट
डायमंड सीमेंट्स (आईसी यूनिट)
(प्रो. हाईडलबर्ग सीमेंट्स इंडिया लिमिटेड)

Annexure – 25 Data Display on Board





Annexure – 26 Environment Statement Submission (Form-V)


<p>HCIL:SGMP 15th 2021</p> <p>The Regional Officer U.P. Pollution Control Board U.P. Area, Vikas Patharhat Fazlura Colony Kanpur Road, Jhansi (UP)</p>	<p>HEIDELBERGCEMENT</p> <p>HeidelbergCement India Limited Plot No. 10, Sector 10 Gurgaon, Haryana India Phone: +91-124-4777000 Fax: +91-124-4777001 Website: www.heidelbergcement.com</p>
<p>Date: 14th Sep 2021</p>	
<p>Sub: Environment Statement Report (Form – V) FY 2020-21 of Grinding Unit, Jhansi</p>	
<p>Dear Sir,</p>	
<p>Please find enclosed herewith Environmental Audit Report for the Financial Year ended 31st March 2021 in triplicate.</p>	
<p>Kindly acknowledge receipt.</p>	
<p>Thanking you, Yours faithfully, For Diamond Cement (Promoter-HeidelbergCement India Ltd)</p>	
<p>(Smt) Vaidh Sr. General Manager(Production)</p>	
<p>E/rajyale Encl. As above</p>	
<p>MEMBER SECRETARY U.P. POLLUTION CONTROL BOARD TC-12 V, VISHNUPUR KHANO GOMTI NAGAR, LUCKNOW(UP)</p>	


Annexure – 26A Environment Statement Submission (Form-V)) on Company web site


Jhansi

BMW Annual Return 2021 

EC clearance 3.25 MTPA 

EC Clearance of 2.70 MTPA 

EC Compliance April21-Sep21 

Environmental statement Form-V 

Annexure – 27 Ambulance Donation under CER activity as committed ambulance for handicapped, quipped with Medical facilities provided)



Provided an AC Ambulance to Dr. Ambedkar Institute of Technology for handicapped –Kanpur

HEIDELBERGCEMENT