HEIDELBERGCEMENT

HCIL(NGH)-ENV/2026/304

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Scientist E (S)
Ministry of Environment, Forest & Climate Change
Integrated Regional office Western region,
Kendriya Paryavaran Bhavan"Link Road No. 3,
E-5, Ravi Shankar Nagar, Bhopal-462016 (M.P.)

Date; 25.11.2026
Through: Online upload

Subject.: Six monthly EC Compliance report submission of Clinker manufacturing plant 3.1 MTPA, Patharia Limestone Mines at Narsingarh, District Damoh, M.P. by M/s Diamond Cement (Prop: HeidelbergCement India Limited) Narsingarh, Damoh M.P.

Ref.: 1. Ministry of Environment & Forests Environmental Clearance letter No. J-11011/1117/2008-IA-II(I)dated 24.06.2009) and Corrigendum dated 28.09.2011

Dear Sir,

Please refer to above subject matter, we are submitting the six-monthly EC Compliance report of M/s Diamond Cements (Prop. HeidelbergCement India Ltd.) Clinker manufacturing plant Narsingarh and Captive Limestone Mines of Patharia, District Damoh M.P.-470675. This compliance report is submitted for the period **Apr'26 to Sep'26.**

Thanking you with regards,

For M/s Diamond Cements (Prop: Heidelberg Cement India Ltd.)

Dr. Ashok Tiwari
Head Environment (Unit Narsingarh, Damoh M.P.)

Copy To:

1. **Zonal Officer (Central),** Central Pollution Control Board, E-5, Link Rd Number 3, Ekant Park, Arera Colony, Bhopal (M.P.)
2. **Member Secretary,** Madhya Pradesh Pollution Control Board, Paryawaran Parisar, E-5, Arera Colony, Bhopal (M.P.)
3. **Regional Officer,** MP Pollution Control Board, Deen Dayal Nagar, Housing Board Colony, Sagar (MP).

Encl:
As above

COMPREHENSIVE ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

SIX MONTHLY COMPLIANCE REPORT OF ENVIRONMENT CLEARANCE SUBMITTED BY M/S. DIAMOND CEMENTS (PROP. HEIDELBERG CEMENT INDIA LTD.) NARSINGARH, DAMOH (M.P.)			
PROJECT TYPE: RIVER VALLEY/ MINING INDUSTRY / THERMAL/ NUCLEAR/ OTHER (SPECIFY)		OTHER; CEMENT INDUSTRY	
NAME OF THE PROJECT		M/S. DIAMOND CEMENT (PROP. HEIDELBERG CEMENT INDIA LTD), VILLAGE AND POST IMLAI, DISTRICT - DAMOH M.P.- 470661	
CLEARANCE LETTER (S) /OM NO. AND DATE		FILE NO.-11011/1117/2008-IA-II(I) DT. 24.06.2009	
S. No.	**EC CONDITION**	**COMPLIANCE**	**STATUS**
SPECIFIC CONDITIONS			
1	The company shall conduct long term modelling for hydrogeological studies of the mining areas and report shall be submitted to the Ministry's regional Office at Bhopal within three months.	The Hydrogeological study of Narsingarh Mines, Patharia Mines has been carried out, and the study report has been communicated to MoEFCC, along with biannual report bearing No. DC: ENV:EC/JUNE/2010/3482 dated on 19.06.2010.	Complied
2	The company shall produce the copy of certificate under section 6(1)(b) of the Mines and Minerals (Development & Regulation) Act, 1957 (67 of 1957) for the total mining area beyond 1000 ha before commencement of the expansion activity at site.	The certificate copy is already submitted vide letter dated 19.06.2010. Same certificate, under section 6(1)(b) of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) for the total mining area beyond 1000 ha. is enclosed as **Annexure I**.	Complied
3	The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the Madhya Pradesh Pollution Control Board (MPPCB). At no time, particulate emissions from the cement plant including kiln, coal mill, cement mill and cooler shall not exceed 50 mg/Nm3 Continuous on-line monitors for particulate emissions shall be installed. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.	APCD at all the dust generation points have already been installed to keep the emission levels below prescribed norms. Continuous ambient air quality monitoring station (CAAQMS)/Continuous emission monitoring system for stacks (CEMS) have been installed. The online data is being transferring to CPCB and MPPCB. Interlocking facility has been provided in all APCEs. Photographs of the APCEs are given as **Annexure II** and all stack emissions monitoring results are given as **Annexure III.**	Complied

4	Secondary fugitive emissions shall be controlled within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard shall be followed. The company shall install adequate dust collection and extraction system to control fugitive dust emissions at material transfer points. Atomized water spray system with reclaimer shall be installed in silo used for the storage of ash. Storage of other raw materials shall be in closed roof sheds. Covered conveyer belts shall be used to reduce fugitive emissions. Concreting of all the roads, water sprinkling system at limestone and coal handling area shall be ensured to reduce fugitive emissions.	Secondary fugitive emissions is being controlled within the prescribed limits and regularly monitored. Results are enclosed as **Annexure IV.** Guidelines / Code of Practice issued by the CPCB in this regard is being followed. All roads are concreted inside the plant, Dust Suppression, water sprinkler have already been installed in coal yard in existing plant area. All necessary pollution control system already in place in the plant and Mines. Please Refer **Annexure V.** The raw material storage yard (except Limestone) is covered, and the conveyor belts are also covered. Photographs are enclosed as **Annexure VI.**	Complied
5	Ambient air quality including ambient noise levels shall not exceed the standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality shall be carried out regularly in consultation with MPPCB and data for air emissions shall be submitted to the CPCB and MPPCB regularly. The instruments used for ambient air quality monitoring shall be calibrated from time to time.	Monitoring of ambient air quality is being carried out on regular basis and the data is being submitted regularly to the respective authorities. The Environmental Cell established in the plant ensures that the air quality and noise levels are maintained within the limits, stipulated under EPA/ State authorities. **Annexure VII** is depicting the photographs of AAQMS stations and Environment Laboratory as well as results of AAQMS and Ambient Noise Level.	Complied
6	Data on ambient air quality stack emission and fugitive emissions shall be uploaded on the company's website and also regularly submitted online to Ministry's Regional office at Bhopal, M.P. Pollution Control Board and Central Pollution Control Board as well as hard copy once in six months. Data on SPM, SO_2 and NOx shall also be displayed prominently outside the premises at the appropriate place for the general public.	Data uploading on the company website is now a routine practice. We are uploading bi-annual EC compliance report on our company website URL of the page is www.mycemco.com/aboutus/environment. Data is also being submitted to MoEFCC regional office, Bhopal M.P. Pollution Control Board and Central Pollution Control Board in soft copy. Photographs showing in **Annexure VIII** the facility at plant for continuous ambient air quality monitoring station (CAAQMS)/ Continuous emission monitoring system for stack (CEMS). The online data is being directly uploaded to the website of CPCB and MPPCB and online data display board has been installed at company main gate for local public.	Complied

7	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land.	A 22 km long covered belt conveyer is established for transporting limestone from Patharia Mines. Water spraying arrangements have been made for suppression of dust starting from drilling, spraying on blasted muck, transport road, crusher hopper, grizzly feeder, transfer points of conveyor belts etc. Refer **Annexure IX.** One 12 KL mobile water tanker and another 30 KL have been inducted into services for suppression of dust on haul roads for both the mines. Thick plantation near crushing plant and in periphery of Mines exits. Adequate no. of pollution control equipment i.e. Hybrid filter, ESP, Bag House, Dust Collectors, Dust suppression system, Water Sprinklers and thick plantation already exists in Clinkerization unit.	Complied
8	The company shall make the efforts to utilize the high calorific hazardous waste in the cement kiln and necessary provisions shall be made accordingly. The company shall keep the record of the waste utilized and shall submit the details to ministry'sRegional Office at Bhopal, CPCB and MPPCB.	In place of Hazardous waste. We have co-processing permission from CPCB vide 50,000 MT/Anum and total 42016 MT Plastic waste incinerated in the existing kiln during the FY 2025-26. The coprocessing details being submitting to MPPCB on monthly basis.	Agreed to Comply
9	Total water requirement shall not exceed 5015 m3/day from the mine pits and sonar river. A copy of permission letter shall be submitted to Ministry's Regional Office at Bhopal. The treated wastewater from STP and utilities shall be reutilized for green belt development and other plant related activities i.e. cooling and dust suppression in raw material handling area etc. after necessary treatment. 'Zero' discharge shall be strictly adopted and no effluent from the process shall be discharged outside the premises.	According to the EIA report submitted to MoEFCC the daily water requirement shall increase to 7000 m^3/day for plant operation. An amendment letter has been received from MoEFCC for water consumption in the plant i.e. 7000 m3/day vide letter no. F.No. J-11011/1117/2008 IA II (I) dated 28.09.2011. Enclosed as **Annexure X**. The water requirement for mine operation will be 300 M^3 /Day for Patharia limestone mines. No industrial effluent generation is there, only sewage water is being generated from residential colony, which is being treated in STP vide capacity of 600 KLD. Treated water is being utilized for greenbelt and dust suppression. Therefore, zero discharge is being maintained.	Complied

10	Rainwater harvesting measures shall be adopted for the augmentation of ground water at cement plant, colony and mine site. Besides, company must also harvest the rainwater from the rooftops and storm water drains to recharge the ground water. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water and reduce the water requirement pressure from the river. The Company shall construct the rainwater harvesting and groundwater recharge structures outside the plant premises also in consultation with local Gram Panchayat and Village Heads to augment the ground water level. An action plan shall be submitted to Ministry's Regional Office at Bhopal within 3 months from date of issue of this letter.	Rainwater recharging/ Harvesting system has already been implemented in plant and colonies. It was proposed to construct a water pond in the nearby village for collection of rainwater. After consultation with Gram panchayat, a water pond has been constructed in Narsingarh village. Photograph of the same has already been submitted along with previous EC compliance report dated 28.06.2011. The cost is involved of Rs. 23 Lakhs for above projects. The details and photographs of different Rainwater Harvesting structures, are attached as **Annexure XI and XII**.	Complied
11	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the area for external over burden dump by suitably increasing the height of the dumps with proper terracing. It shall be ensured that the overall slope of the dump does not exceed 280. The final slope of the limestone mine pit shall not exceed 45 degree.	No separate dumping yard is required in Patharia Limestone Mines and in present practice of mining, total waste material including overburden and screen rejects is being reutilized for back filling of mined-out area. The back filling of waste material is being carried out in mined out area in natural sequence i.e., hard reject at the bottom of the pit followed by sub-soil and topsoil subsequently. The area is reclaimed and rehabilitated by plantation or cultivation. Photographs attached as **Annexure XIII**	Complied
12	Topsoil, if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and shall be used for reclamation and rehabilitation of mined out areas	The reclamation of mined out area is a continuous process in our mining and therefore, separate storage of topsoil is not required. Whatever topsoil is being generated is consumed simultaneously for reclamation purpose. Refer **Annexure XIV.**	Complied
13	The project proponent shall ensure that no natural water course shall be obstructed due to any mining and plant operations. The company shall make the plan for protection of the river passing through mine area premises and submit to the ministry's Regional Office at Bhopal.	There are no natural water course available at core zone area and also we do not obstructed due to any mining and plant operations.	Agreed to Comply

14	The inter burden and other waste generated shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The total height of the dumps shall not exceed 30 m in three terraces of 10 m each and the overall slope of the dump shall be maintained to 280. The inter burden dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office, Bhopal on six monthly bases.	In Patharia Limestone Mine the overburden generated is concurrently backfilled to mined out area and dumping of the over burden is as per the desired standard. Monitoring of rehabilitated areas has been done until the vegetation becomes self-sustaining.	Complied
15	The void left unfilled shall be converted into water body. The higher benches of excavated void/mining pit shall be terraced and plantation to be done to stabilize the slopes. The slope of higher benches shall be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.	Part of mined out areas have been converted into water reservoirs. Adequate space has been left between the fencing and the reservoir so as to prevent any accidental breach right into the pond. Terracing of the benches all along the water pond has been done. Safety boards have been suitably displayed at pond sites. Photographs of water pond is enclosed as **Annexure XV.**	Complied
16	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted, particularly after monsoon, and maintained properly.	In present mining practices there is no creation of overburden dumps and the overburden generated is being utilized for the purpose of reclamation of mined-out area. This is a continuous process and the void generated between active mining area and reclaimed area / area under reclamation serves as a water reservoir. Therefore, the water accumulated in these voids, is confined to mining pit itself and the same is utilized for spraying mining areas, roads, green belt development, etc, throughout the year and no separate de-siltation is needed in the process.	Complied
17	Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter burden dumps and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the	In our present mining practice, there is no creation of waste/ inter-burden dumps. Advancement of active mining benches is being followed by reclamation using waste material in natural sequence and the same is rehabilitated by cultivation and plantation. The void generated between active bench and reclamation bench acts as used sump with sufficient capacity for accumulation of rain water which however, does not pass to	Complied

	corners of the garland drains and desilted at regular intervals.	any external water course. There is no need of separate siltation pond also. In existing mining practices there is no formation of dumps as we are practicing reclamation of mined-out area using overburden material in natural sequence.	
18	Dimension of the retaining wall at the toe of inter burden dumps and inter burden benches within the mine to check run-off and siltation shall be based on the rain fall data.	In existing mining practices there is no further formation of dumps as we have adopted reclamation of mined-out area using overburden material in natural sequence. Under these circumstances, there is no need to construct retaining wall at the toe of dumps.	Agreed to Comply
19	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project area in consultation with Regional Director, Central Ground Water Board. The frequency of monitoring shall be four times a year- pre-monsoon (April / May), monsoon (August), post-monsoon (November), and winter (January). Data thus collected shall be sent at regular intervals to Ministry of Environment and Forests and its Regional Office at Central Ground Water Authority and Central Ground Water Board.	Regular monitoring of ground water level and quality is being carried on by establishing piezometers at suitable locations. Monitoring of ground water level and quality has been done by competent external agency. The report of monitoring of ground water level and quality is regularly being submitted to the respective agencies time to time.Photographs of piezometers are enclosed as **Annexure XVI**.	Complied
20	Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented.	Blasting operation is being carried out only in day hours. Controlled blasting is being practiced by using NONEL and NTD to control ground vibration, fly rocks and noise level. The recommendations of CMRI duly approved by DGMS are being regularly followed in the course of blasting operation. Photographs annexed as **Annexure XVII.**	Complied
21	The project proponent shall adopt wet drilling.	A drill machine which is fitted with wet drilling arrangement and suppressing dust efficiently has been deployed for blast hole drilling.	Complied
22	As proposed, green belt shall be developed in 33% in and around the plant as per the CPCB guidelines.	Total plant area is 191.77 Hectare and total greenbelt area is 89.9 Hectare (46 percent). Photographs of the same are given as **Annexure XVIII.**	Complied
23	All the recommendations of the Corporate Responsibility on Environmental Protection (CREP) for cement plant shall be strictly	CREP recommendations are being complied with. Compliance report of CREP guidelines is attached as **Annexure XIX.**	Complied

24	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded.	All the vehicles using mines and plant premises having valid PUC certificate. Limestone is being transported from Patharia Mines to Clinker Plant through Covered Belt Conveyor (OLBC). Covered transport vehicles are being used for other minerals, and no overloading is done. **Annexure XX**	Complied
25	Digital processing of the entire lease area using remote sensing technique shall be done regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment and Forests and its Regional Office, Bhopal.	Digital processing of both leases was carried out in the course of EIA and report was already submitted to the Board. The Latest Digital processing report is being attached as **Annexure XXI** for Patharia Mines.	Complied
26	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure, for approval.	The final mine closure plan as per guidelines of Indian Bureau of Mines has already been submitted within time limits with IBM. Lease of Limestone mines Narsingarh has expired on 31st July 2015, and its mine closer plan has already submitted to the MoEFCC and MPPCB vied our letter HCIL (NGH)-ENV-F-002/2015 dt. 13.08.2015.	Complied
27	The company shall comply with all the commitments made during public Hearing on 28th June 2008	We will comply all the commitments made during public Hearing on 28th June 2008. Work under CSR is a continuous process and we undertake the same every year. Major issues raise during public hearing were regarding drinking water, roads, education and health safety. Photographs of CSR activity are attached as **Annexure XXIA.**	Complied
28	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 structures to be removed after the completion of the project	Basic amenities like temporary structures, drinking water, toilets, etc. were provided during the construction phase as well in operational phase. Document evidence attached as **Annexure XXIB.**	Agreed to Comply
GENERAL CONDITIONS			
1	The project authority shall adhere to the stipulations made by State Pollution Control Board (SPCB) and State Government	We have complied with the conditions of the consent, stipulated by MPPCB.	Complied

2	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	The capacity expansion project upto 3.1 Million Tonne per Annum (MTPA) Clinker, Lime stone Mines Narsingarh (for production of 1.49 MTPA Lime stone) and Lime stone Mines Patharia (0.75 to 4.5 MTPA Lime stone) for which consent to establish and consent to operate has been granted by MPPCB. Commercial production commenced from 18.02.2013 and the same has been communicated to MoEFCC vide letter DC:ENV:CU:NAR:5A-3/968 dated 28.02.2013.	Complied
3	At least four ambient air quality monitoring stations shall be established in the down wind direction as well as where maximum ground level concentration of SPM, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office and SPCB / CPCB once in six months.	We have installed 4 numbers of continuous ambient air quality monitoring stations at Clinkerisation unit, Narsingarh and Patharia lime Stone Mines The parameters PM_{10}, $PM_{2.5}$, SO_2 ,NO_x and CO, in ambient air and Particulate Matter emission from stacks are being monitored and the report is submitted to the MoEFCC, CPCB, MPPCB head offices and regional offices along with EC compliance report. Apart from this, we have installed sufficient numbers of Continuous Ambient Air Quality Monitoring Station (CAAQMS) and Continuous Emission monitoring station (CEMS) in our Plant (2 nos. of CAAQMS and 9 nos. of CEMS) and Mines (1 nos. Of CAAQMS) as per legal requirements. The online data is being punched at CPCB and MPPCB website.	Complied
4	Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	No industrial wastewater is being generated from the plant/mines. Only sewage water is being generated from the residential colony. Sewage Treatment Plant (STP) has already been installed and operative and confirming the prescribed standards. Analysis report is enclosed as **Annexure XXII.**	Complied
5	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Silencers /enclosures are being provided to the high noise generating machinery. Ear defenders are provided to all operators and employees working near the machinery. Use of Rock breaker to avoid secondary blasting. Controlled blasting is being carried out. Proper maintenance, oiling and greasing of machines at regular intervals is being done to reduce generation of noise. Regular	Complied

		monitoring is being done and report is being submitted to the respective authorities.	
6	Proper housekeeping and adequate occupational health program shall be taken up. Occupational Health Surveillance program shall be done on a regular basis and records maintained properly for at least 30-40 years. The programs shall include lung function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.	Proper housekeeping being maintained. The Occupational Health Surveillance program is being conducted on a regular basis. The recommended tests have been included in this program and record is being maintained as advised.	Complied
7	The company shall undertake eco-development measures including community welfare measures in the project area	A number of eco-developmental measures are already being carried out. Rainwater harvesting by making of water pond in the nearby villages is also completed. A number of community development measures exist for the welfare of the surrounding villages under CSR activity.	Complied
8	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP.	We are complying the guideline.	Complied
9	A separate environmental management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	The Environmental Management Cell is in existence. The monitoring functions have been outsourced to an agency recognized by the NABL/MoEFCC. The agency has set up its own laboratory facilities. Organizational setup of Environmental Management Cell enclosed as **Annexure XXIII.**	Agreed to Comply
10	Adequate fund shall be allocated to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purpose.	The details of the expenses are attached in **Annexure - XXIV.** However, installation of necessary Pollution Control Measures will be within the project commissioning phase.	Complied
11	The Regional Office of this Ministry / CPCB / SPCB shall monitor the stipulated conditions. The project authorities shall extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports. A six-monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	A six-monthly compliance report is being submitted regularly to the respective authorities.	Complied

12	The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Project has been commissioned on 18.02.2013. We have informed to concern department copy attached as **Annexure-XXIV (a)**	Complied
13	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests. No change in the calendar plan including excavation, quantum of limestone and waste shall be made	No change in mining technology and scope of working is being/will be made without prior approval of the Ministry of Environment and Forests.	Complied
14	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM etc. shall be provided with ear plugs/ muffs.	Noise levels do not exceed 85 dBA. Earmuffs have been provided to the workers engaged in HEMM operations.	Complied
15	Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.	Oil and grease trap has been installed before discharge of workshop effluents. Photographs are attached as **Annexure XXV.**	Complied
16	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed	All the relevant PPEs are being provided to all the workmen for their safety i.e. Safety Helmet, goggles, ear defenders, gloves nose mask, shoe etc. Photographs are attached as **Annexure XXVI**. During project work PPEs are also being provided to the workers at site. Occupational health surveillance program covers all the workers engaged at site one specimen copy attached as **Annexure XXVII**.	Being Complied
17	The project authorities shall inform to the Regional Office located regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	The relevant information has already been submitted.	Complied
18	A copy of clearance letter shall be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation, if any, was received while processing the proposal.	Copy of the clearance letter has already been circulated to the Gram Panchayats and acknowledgement received on 2nd July 2009. There are no local NGOs.	Complied
19	State Pollution Control Board shall display a copy of the clearance letter at the regional office, Gram Panchayat, District Industry	Condition is not related to industry.	Complied

	Centre and Collector's office/ Tehsildar's Office for 30 days.		
20	The project authorities shall 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 also at web site of the Ministry of Environment and Forests at "http://envfor.nic.in" and a copy of the same shall be forwarded to the Regional Office of this Ministry.	The condition complied with. Advertisements have already appeared in the local newspapers. The advertisement copies have already been submitted to the MoEF, CPCB, MPPCB on 22.12.2009. Newspaper cutting is given as **Annexure XXVIII**.	Complied
21	The Ministry or any other competent authority may stipulate any further condition(s) on receiving reports from the project authorities. The above conditions shall be monitored by the Regional Office of this Ministry.	The additional conditions stipulated if any shall be complied with.	Agreed to Comply
22	The Ministry may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	We shall abide by law.	Complied
23	Any other conditions or alteration in the above conditions shall have to be implemented by the project authorities in a time bound manner.	Shall be done in case of alteration of conditions.	Complied
24	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.	We shall abide by law.	Complied
25	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention and 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.	Accepted and we will arrange another approval/ Authorization from concern department, if required.	Complied

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Annex-1

Certificate under section 6(1)(b) of the Mines and Minerals (Development & Regulation) Act, 1957 (67 of 1957)

BY SPEED POST

Government of India
Ministry of Mines

No. 4/130/2007-M.IV

New Delhi, the 02.11.2010

To

The Secretary to the Govt. of Madhya Pradesh,
Mineral Resources Department,
"Mantralaya", Bhopal,
Madhya Pradesh.

Sub: Relaxation of Section 6(1) (b) of the MMDR Act, 1957 for renewal of mining lease for lime stone over 1302.70 hect. in Narsinghgarh and 13 other villages of distt. Damoh, Madhya Pradesh in favour of M/s. Diamond Cement for a period of twenty (20) years.

Sir,

I am directed to refer to the correspondence resting with your letter No. F-3-60/98/12/1 dated 11.10.2007 on the subject mentioned above and to convey the relaxation of the Central Government under Section 6 (1) (b) of the Mines and Mineral (Development and Regulation) Act, 1957 by grant of Mining Lease for limestone over an area of 1302.70 hect. in Narsinghgarh and 13 other villages of distt. Damoh, Madhya Pradesh in favour of M/s. Diamond Cement for a period of twenty (20) years.

2. Before allowing grant of ML, the State Govt. may kindly ensure the compliance of the amended provisions of the Act and Rules, and other applicable Acts and Rules including Forest (Conservation) Act, 1980 and Environmental Notification dated 27.1.94 as issued and amended by MOEF.

3. A copy of the order passed by the State Govt. in the matter may kindly be furnished to this Ministry for record.

Youre faithfully,

(C.K. Rawat)
Under Secretary to the Govt. of India

Regd./copy to :

(i) The Controller General, Indian Bureau of Mines, Indira Bhawan, Civil Lines, Nagpur- 440001.
(ii) The CMD, Mineral Exploration Corporation Ltd., High Land Drive Road, Seminary Hills, Nagpur-440006.
(iii) PS to Minister of Mines.
(iv) M/s. Diamond Cement, Village Narsinghgarh, Distt. Damoh, Madhya Pradesh.
(v) Guard File.

(C.K. Rawat)
Under Secretary to the Govt. of India

Annex-2

Air Pollution Control Measures

<table>
<tr><td>
</td><td>
</td></tr>
<tr><td>Hybrid ESP (ESP & Bag House) at Kiln/Raw Mill_2</td><td>Bag House at Kiln/Raw Mill_3</td></tr>
<tr><td>
</td><td>
</td></tr>
<tr><td>ESP at Cooler_1</td><td>ESP at Cooler_2</td></tr>
<tr><td>
</td><td>
</td></tr>
<tr><td>ESP at Cooler_3</td><td>Bag House at Coal_Mill_3</td></tr>
</table>

Annex-03

Stack Emissions Monitoring Results (PM in mg/Nm³)										
Stack Name	**Month**	**Apr-26**	**May-26**	**Jun-26**	**Jul-26**	**Aug-26**	**Sep-26**	**Min**	**Max**	**Average**
Kiln-1	**PM (mg/Nm3)**	23.06	21.61	17.22	11.8	*	*	12	23.06	18.4
	SO2 (mg/Nm3)	32.6	35.64	29.58	23.3	*	*	23	35.64	30.3
	NOx (mg/Nm3)	631.9	651.4	665.7	531	*	*	531	665.7	620.0
Kiln-2	**PM (mg/Nm3)**	25.19	24.96	19.38	15.9	18.7	15.28	15	25.19	19.9
	SO2 (mg/Nm3)	35.69	33.75	35.72	32.6	31.18	32.37	31	35.72	33.6
	NOx (mg/Nm3)	659.6	669.2	622.6	675	665.8	627.2	623	675.4	653.3
Kiln-3	**PM (mg/Nm3)**	7.82	5.59	6.5	6.71	5.92	6.29	5.6	7.82	6.5
	SO2 (mg/Nm3)	23.44	21.44	25.05	27.3	24.73	30.12	21	30.12	25.4
	NOx (mg/Nm3)	607.4	624.6	627.2	572	642.6	645.9	572	645.9	620.0
Coal_Mill-1	**PM (mg/Nm3)**	9.41	7.2	11.43	8.98	*	*	7.2	11.43	9.3
Coal_Mill-2	**PM (mg/Nm3)**	6.28	18.14	13.04	11.6	10.88	11.08	6.3	18.14	11.8
Coal_Mill-3	**PM (mg/Nm3)**	9.19	8.9	7.78	6.11	9.27	9.25	6.1	9.27	8.4
Cooler_1	**PM (mg/Nm3)**	18.32	12.36	11.48	11	*	*	11	18.32	13.3
Cooler_2	**PM (mg/Nm3)**	17.57	15.74	20.7	16.2	10.33	19.55	10	20.7	16.7
Cooler_3	**PM (mg/Nm3)**	14.49	17.55	13.42	19	14.44	14.67	13	18.96	15.6
Narsingarh Crusher	**PM (mg/Nm3)**	18.24	19.01	18.52	17.4	16.34	15.44	15	19.01	17.5
Patharia Crusher	**PM (mg/Nm3)**	24.41	23.06	21.03	17.2	24.13	15.09	15	24.41	20.8

***Not in Operation**

Annex-4

Fugitive Emissions Results Clinkerization Unit, Narsingarh Damoh M.P. (µg/m³)

S. No.	Month	In between limestone stockpile & coal yard	laterite yard	Near crusher	Near raw mill silo	Clinker stockpile	Limestone stock area Line-3	Coal stock area line 3
1	**Jun-26**	723	676	784	596	677	701	756
2	**Sep-26**	729	680	777	590	673	703	748

Fugitive Emissions Results Patharia Limestone Mine, Damoh M.P. (µg/m³)

S. No.	Month	Near Loading Point - Belt Conveyor	Haulage Road	Near Crusher	Near Limestone Stock Area	Near Drilling Area
1	**Jun-26**	602	667	711	608	726
2	**Sep-26**	625	670	709	629	722

Annex-5

Control measures for secondary fugitive emissions Mines and Plant area



Annex-6

Raw Material, Clinker and AFR Storage Yard and covered conveyor belts.









*****

Annex-7

AAQMS stations and Environment Laboratory as well as results of AAQMS and Ambient Noise Level.

<table>
<tr><td>
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<tr><td>Environment Laboratory</td><td>Environmental Analysis</td></tr>
<tr><td>
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</td></tr>
<tr><td>CAAQMS -1_Patharia Mines</td><td>CAAQMS -2_ Worker Colony</td></tr>
<tr><td>
</td><td>
</td></tr>
<tr><td>CAAQMS -3 Staff Colony</td><td>CAAQMS -4 Damoh Collectorate</td></tr>
</table>



AAQMS_Plant Area



Ambient Noise Level Monitoring

Ambient Air Quality Results Clinkerization Unit Narsingarh (in µg/M³)

(Apr – Sep'26)

Month	Near Hospital (in µg/M³)					Near Gate of Mine Pit No.1 (in µg/M³)					Near STP Area (in µg/M³)					Near Worker Colony (in µg/M³)				
	$PM_{2.5}$	PM_{10}	SO_2	NO2	CO	$PM_{2.5}$	PM_{10}	SO_2	NO_2	CO	$PM_{2.5}$	PM_{10}	SO_2	NO2	CO	$PM_{2.5}$	PM_{10}	SO_2	NO2	CO
Min	27.5	52.8	7.0	9.0	400	27.6	51.9	6.7	9.7	397	26.5	48.9	7.2	9.5	380	26.7	50.8	6.7	9.4	380
Max	29.6	56.4	9.4	13.0	507	30.2	54.8	8.7	14.0	520	29.5	52.6	9.2	13.7	538	31.2	54.2	9.0	12.1	524
Avg	**28.4**	**54.3**	**8.1**	**11.0**	**458**	**29.6**	**53.2**	**7.5**	**11.1**	**445**	**28.3**	**51.0**	**7.8**	**10.7**	**480**	**29.0**	**52.1**	**7.7**	**10.2**	**457**

Ambient Air Quality Monitoring Results Patharia Limestone Mines (in µg/M³)

(Apr– Sep'26)

Month	Near Main Office (in µg/m3)					Near Back Filling Area (in µg/m3)					Near Mine Pit (in µg/m3)					Near Temple (in µg/m3)				
	$PM_{2.5}$	PM_{10}	SO_2	NO2	CO	$PM_{2.5}$	PM_{10}	SO_2	NO2	CO	$PM_{2.5}$	PM_{10}	SO_2	NO2	CO	$PM_{2.5}$	PM_{10}	SO2	NO2	CO
Min	27.3	49.3	7.2	10.1	440.0	26.9	48.6	7.2	9.8	399.0	26.5	50.4	7.0	9.5	442.0	25.5	48.9	6.7	9.6	450.0
Max	30.2	53.2	8.3	14.8	533.0	31.5	55.1	8.5	13.7	523.0	30.4	52.7	8.4	15.6	552.0	34.2	54.2	8.9	13.6	525.0
Avg	28.8	51.1	7.8	12.3	482.9	29.1	52.2	7.7	11.7	478.3	28.8	51.7	7.7	11.7	510.3	29.8	52.2	7.8	11.4	489.0

Ambient Noise level Monitoring Results; Clinkerization Unit Narsingarh

(Apr– Sep'26)

Month	Location							
	Nr. Hospital		Near Gate of Mine Pit		Near STP Area		Near Worker Colony	
	Day dB(A)	Night dB(A)	Day dB(A)	Night dB(A)	Day dB(A)	Night dB(A)	Day dB(A)	Night dB(A)
Min	48.7	37.9	50.6	42.3	51.4	46.5	50.2	42.9
Max	51.7	43.4	62.2	58.8	60.5	59.6	53.4	44.7
Average	49.55	39.53	53.48	46.88	58.67	55.47	51.63	43.77

Ambient Noise level Monitoring Results; Patharia Limestone Mine

(Apr– Sep'26)

Month	Location							
	Near Main office		Near Back filling area		Mine pit		Near Temple	
	Day dB(A)	Night dB(A)	Day dB(A)	Night dB(A)	Day dB(A)	Night dB(A)	Day dB(A)	Night dB(A)
Min	48.7	41.5	42.6	39.4	39.8	38.3	47.4	42.5
Max	52.1	44.6	47.2	42.3	42.5	40.2	52.3	44.8
Average	50.55	43.05	45.09	41.01	41.35	39.20	49.65	43.36

Annex-8

Photographs of CAAQMS and Data Transmission to CPCB and MPPCB



CAAQMS -1_Patharia Mines



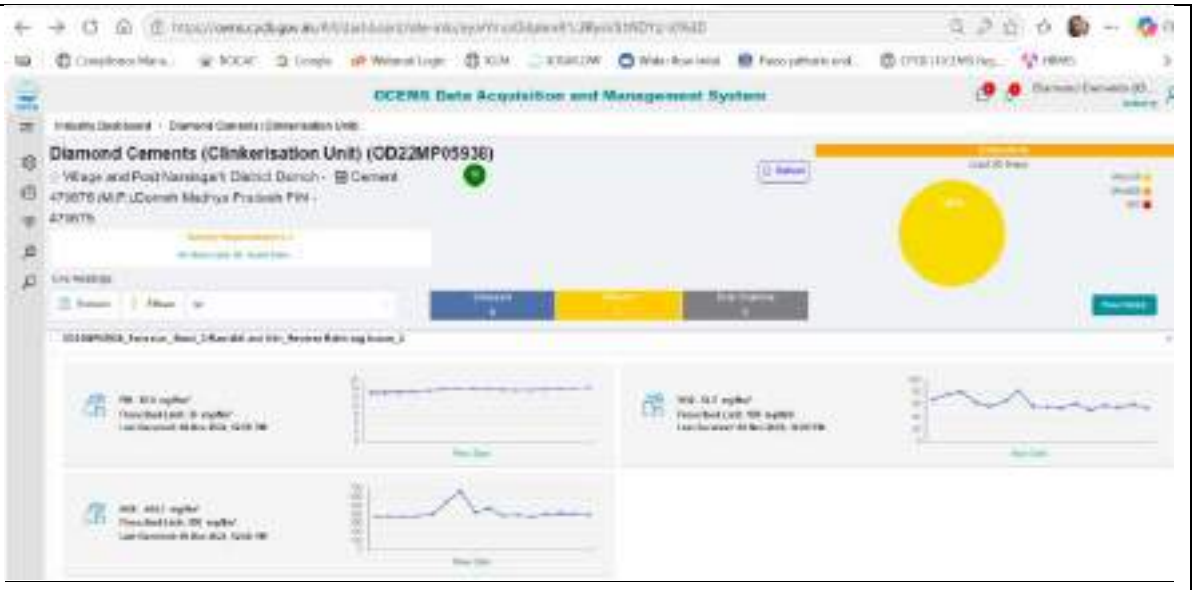
CAAQMS -2_ Worker Colony



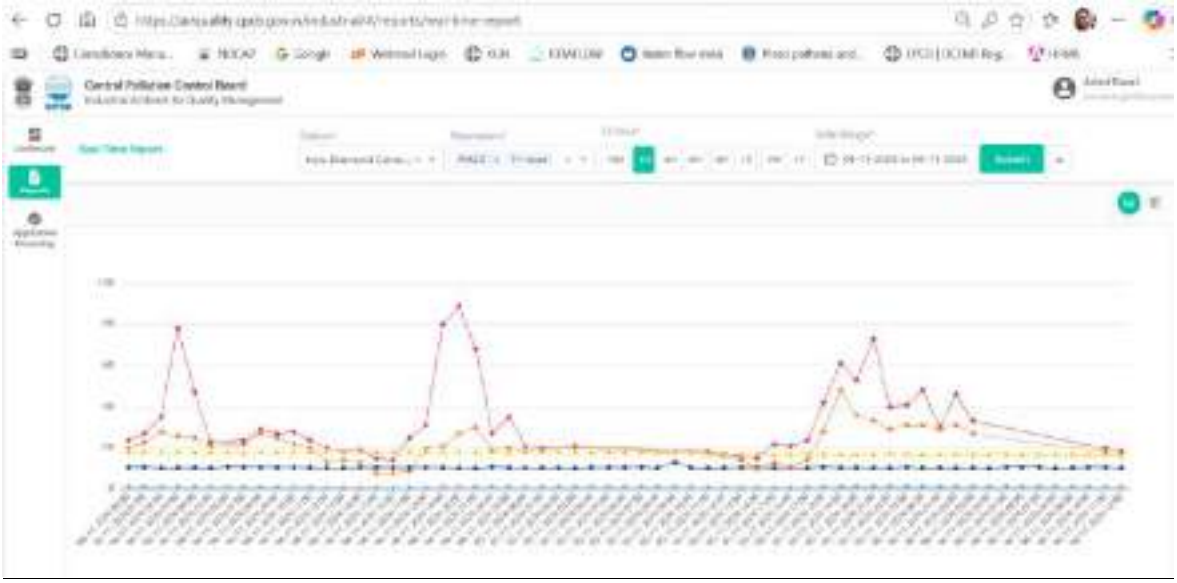
CAAQMS -3 Staff Colony



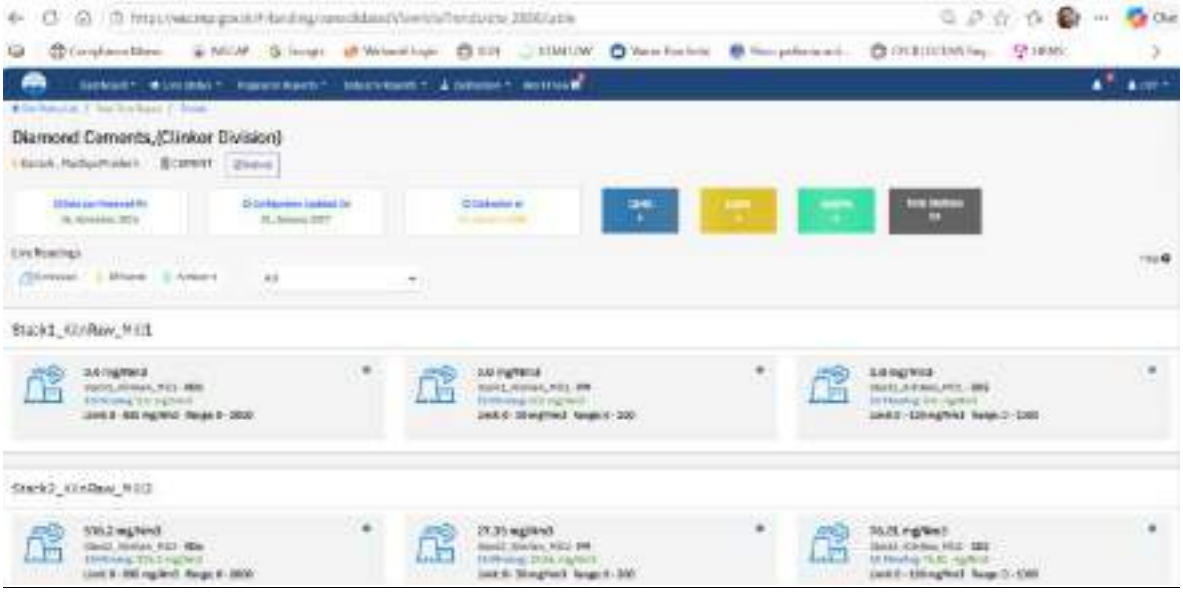
CAAQMS -4 Damoh Collectorate



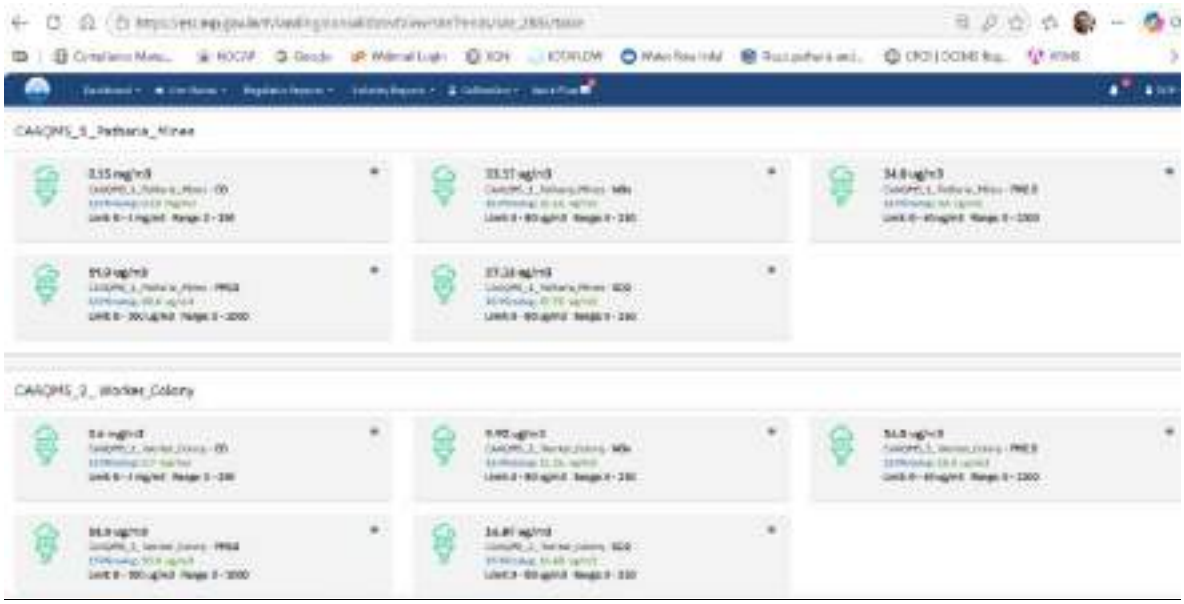
Online CEMS data transmission to CPCB



Online CAAQMS data transmission to CPCB



Online CEMS data transmission to MPPCB



Online CAAQMS data transmission to MPPCB

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Annex-9

Air pollution mitigation measures



WATER SPRINKLING ON BLASTED MUCK





WET DRILLING PLUS DUST COLLECTOR

Annex-10

Amendment letter for water consumption

SPEED POST

F. No. J-11011/1117/2008- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003
E-mail: ajaya.rai@nic.in
Tele/fax: 011 – 2436 3973
Dated: 28th September, 2011

CORRIGENDUM

Sub: Expansion of Clinker Manufacturing Plant from 1.2 MTPA to 3.1 MTPA and captive mines of Narsingarh Limestone Mine and Pathana Limestone at Narsingarh, District Damoh, Madhya Pradesh by M/s Diamond Cement Limited - **regarding amendment in environmental clearance**

The undersigned is directed to refer to this Ministry's letter of even no. dated 24.06.2009 and your letter dated 6.09.2011 requesting the Ministry for amendment in environmental clearance accorded on 24.06.2009.

2. The matter has been examined. The line 3" of para 3 of environmental clearance order dated 24.06.2009 may be read as "water consumption will increase from 2500m^3/day to 7000 m^3/day" instead of water consumption will increase from 2500 m^3/day to 4500 m^3/day. In the specific condition no. ix under para 5.0, the first line may be read as "total water requirement shall not exceed 7000 m^3/day from the pits and Sonar River" instead of total water requirement shall not exceed 5015 m^3/day from the pits and Sonar River.

3. All the terms and conditions stipulated in environmental clearance of even no. dated 24.06.2009 shall remain same. In future, in case in the change in the scope of the project fresh environmental clearance shall be obtained.

This issues with approval of the Competent Authority.

Yours faithfully,

(Dr. P.L. Ahujarai)
Scientist 'F'

To,

M/s Diamond Cement Limited
P.O. Narsingarh - 470 675, District Damoh,
Madhya Pradesh

Ph: 07601- 241 301 to 305
Fax: 07601 – 241 235
E-mail: damg@sancharnet.in

DIAMOND CEMENTS
RECEIVED

Annex-11

Rainwater recharge to ground water table: plant & colonies

Year	Harvested Water (KL)	Total Water Consumed (KL)	Water Positive (KL)	Ratio (Harvested water/Consumed water)
2025	5422000	1115244	4306756	4.86

Annex-12

Rainwater harvesting structures



Rainwater harvesting structure at Plant area



Rainwater harvesting structure near Staff colony



Rainwater harvesting structure at Mines area



Rainwater harvesting structure at Mines area

	
Rooftop Rainwater harvesting structure at Mines area	**Rainwater harvesting structure at Mines area**




Letter for Completion of Rain Water Harvesting System

Annex-13

Reclaimed and rehabilitated area by plantation or cultivation.









Annex-13

Reclaimed and rehabilitated area by plantation or cultivation.



Annex-14

Photographs of reclaimed area



















East Pit

West Pit



Solid Waste Management



Annex-15

Fencing around rainwater collected in mined out pit



Rain Water Harvesting In Mine Pit



DETAILS OF WATER AVAILABILITY IN MINE PITS (NARSINGARH)

S.N.	Pit No	Pit Area (m2)/ Roof top area (m2)	Catchment Area (m2)	Rain fall (meter)	Runoff coefficient (K)	Rainwater harvested in pit by direct rain fall in Mm3)	Rainwater harvested in pit/RWHS by catchment Area (Mm3)	Total Rainwater Harvesting (Mm^3)
Narsingarh mines and Clinker plant Narsingarh								
1	Pit-1 in Area-1	205650	3550000	1.178	0.35	0.24	1.46	1.706
2	Pit-2 in Area-2	82720	950000	1.178	0.35	0.10	0.39	0.489
3	Pit-3 in Area-3	88970	650000	1.178	0.35	0.10	0.27	0.373
4	Pit-4 in Area-3	115800	1650000	1.178	0.35	0.14	0.68	0.817
5	Pit-1 in Madia	25640	100000	1.178	0.35	0.03	0.04	0.071
6	Pit-3 in Chainpura South	103000	750000	1.178	0.35	0.12	0.31	0.431
7	Pit-3 in Chainpura East	10470	250000	1.178	0.35	0.01	0.10	0.115
8	Pit-2 in Barkhera	16200	240000	1.178	0.35	0.02	0.10	0.118
9	Pit-3 in Barkhera	101400	100000	1.178	0.35	0.12	0.04	0.161
10	Pit-4 in Barkhera	300800	1450000	1.178	0.35	0.35	0.60	0.952
Limestone mines Patharia								
1	Crusher East Pit	20200	389100	1.178	0.35	0.024	0.160	0.184
2	Crusher West Pit	43200	376700	1.178	0.35	0.051	0.155	0.206

Annex-16

Photographs of Piezometers

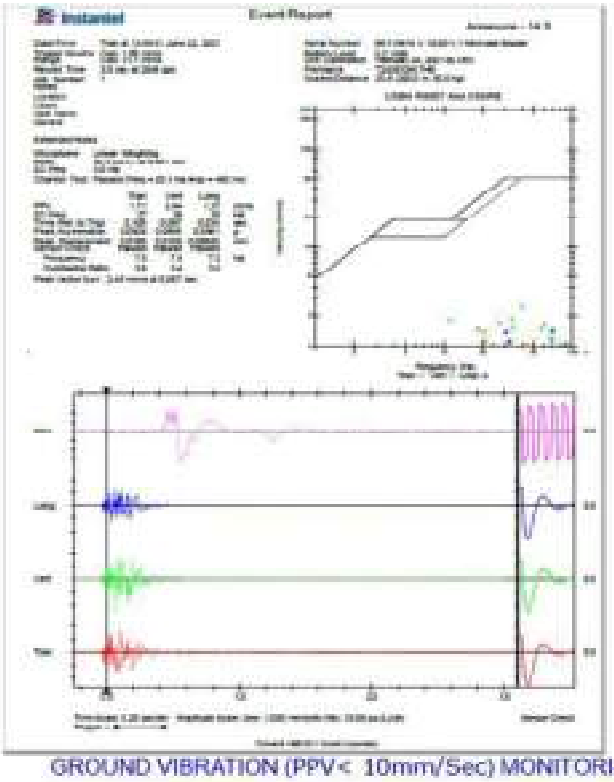




Water Level Monitoring Report (in Meter)		
Location	18.05.2026	08.08.2026
	Water Level (M)	Water Level (M)
Clinkerization Plant		
Staff Colony Campus	21.53	10.98
Patharia Mines		
Administrative Building	12.55	6.6
Plantation Site	8.40	4.15
Towards South of lease	11.14	6.45
Satpara to Patharia Lease Road	7.75	5.34
Magazine Building Satpara	30.16	5.66
Potable Magazine Neguwan	7.83	2.9
End of Lease Boundary	22.08	11.13

Annex-17

Blasting using NONEL & monitoring by minimate



GROUND VIBRATION (PPV< 10mm/Sec) MONITORING







Annex-18

Green belt development/ Plantation



Diamond Cement Ltd. (Prop: HeidelbergCement India Limited)

Village - Narsingarh District Damoh (M.P.)

Plantation Details

M/S Diamond Cement has placed strong emphasis on plantation activities every year since its inception. The company has developed well-maintained plantation zones within its core area. As per the Environmental Impact Assessment (EIA) report submitted, the plantation details are as follows:

Total Number of Trees Planted	219,728
Total Area Covered Under Plantation	89.96 hectares
Total Project Area (In Hac)	191.67 hectares
Percentage of Area Covered by Plantation	46.91%
Tree Species Planted	Seesham, Teak, Parasonia, Subabool, Gulmohar, Neem, Bamboo, Mango (Aam), Guava, Jamun, Jackfruit, Citrus spp., Ashok Pendula, Bottle Palm, Thuja, Pipal, Bargad, Eucalyptus, Satparni, Amla, Rubber Plant, etc.

Year Wise Plantation Details

Year	Nos of Trees Planted
1983	33000
1984	4444
1985	8498
1986	15383
1987	9347
1988	14092
1989	8827
1990	22561
1991	5310
1992	14975
1993	10617
1994	5962
1995	5504
1996	5088
1997	8602
1998	4298
1999	3427

2000	1422
2001	2889
2002	2123
2003	5555
2004	2477
2005	1826
2006	1709
2007	2752
2008	734
2009	1144
2010	770
2011	1430
2012	2354
2013	1792
2014	1211
2015	1040
2016	1016
2017	1211
2018	1211
2019	1068
2020	643
2021	1687
2022	818
2023	496
2024	415

Existing Plantation Photograph



Buffer zone and Avenues Plantation Details

In addition to the core zone, the company has undertaken extensive plantation activities, including the planting of over 50,000 trees in the buffer zone and along avenues. Kindly find attached some photographs for your reference."

Buffer Zone Plantation

	
Buffer Zone Plantation	**Buffer Zone Plantation Site Visit**

Avenue Plantation

	
Road side plantation with protection arrangement	Road side plantation with protection arrangement

	
Road side plantation with protection arrangement	Road side plantation with protection arrangement.

Plantation Plan for the FY 2025-26

We have procured 2355 nos of trees to gap fill our existing 191.67 Hac land as suggested by IRO. In which 700 Nos of trees has been planted, and 1655 Nos of trees plantation work is under process. Besides of this we have procured 6000 Nos of trees for the plantation at our near by the mines reclaimed area. Photographs attached for your kind reference please.

	
Area Devlopment	Area Devlopment
	

	
Area Devlopment after EAC-SC Visit	Area Devlopment after EAC-SC Visit
	
Gap filling tree purchase order vide no. 4471076522 having amount 1.46 Lac issued to vendor.	Tree purchase order vide no. 4471076571 having amount 4.98 Lac issued to vendor.

Annex-19

Compliance of CREP –Clinkerisation unit Narsingarh

S. No.	Agenda as per the Charter	Status
1	Cement Plants, which are not complying* with notified standards, shall do the following to meet the standards: • Augmentation of existing Air Pollution Control Devices — by July 2003 • Replacement of existing Air Pollution Control Devices — by July 2004	We have already installed the Pollution control Measures at all relevant places.
2	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.	Clinkerisation unit does not fall under this category, however effective PCM have been provided to meet the proscribed norms.
3	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.	The emission level from the stack is being maintained < 30 mg/NM^3 .
4	CPCB will evolve load based standards by December 2003.	All Applicable Standards upto present are followed.
5	CPCB and NCBM will evolve SO_2 and NOx emission standards by June 2004.	All Applicable Standards present are followed.
6	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.	We have installed effective Bag filters as well as Dust Suppression systems at various transfer points to control the generation of fugitive emission.
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.	Petroleum coke (Pet-coke) along with coal is being used as fuel in the Kiln
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.	CAAQMS and CEMS have already been installed and operative and online monitoring data is being uploaded to CPCB & MPPCB server.
9	Trippings in kiln ESP to be minimized by July 2003 as per the recommendation of NTF.	A latest technological PCM i.e. Hybrid filter (Combination of ESP & Bag House) and RABH have been installed at the Kilns to avoid the stack emission during tripping.
10	Industries will submit the target date to enhance the utilization of waste material by April 2003.	Fly ash is not being consumed in manufacturing of Clinker. However Fly ash is being utilized in Grinding unit Imlai for manufacturing of PPC.
11	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	Presently we are not utilizing any Hazardous waste as a fuel in the kiln.
12	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003.	Waste Heat Recovery Power Plant (15 MW) has installed and being operation from 15.02.2016.

Annex-20

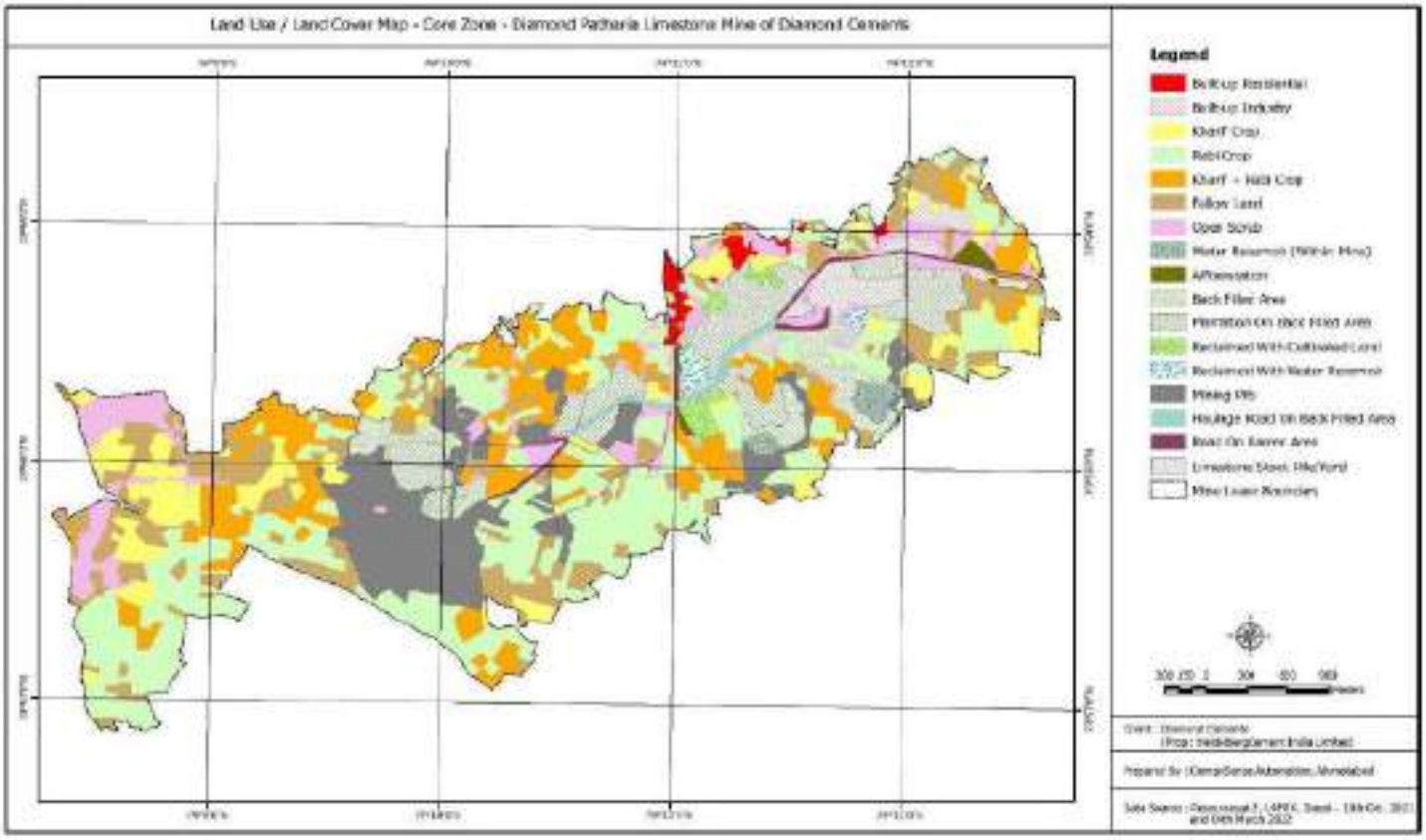
Covered Conveyor



Annex-21

Digital Processing Map

Figure : 5 Land Use / Land Cover Map of Within Mine Lease Area



Annex-21-A

Details of CSR Activities (Common for Clinkerisation unit Narsingarh, Lime stone mines Patharia & Grinding Unit Imlai)

FY 2025-26

Activity	No. of Beneficiary	Actual Expenses (In Lac)
Education Programme	2635	147.69
Community Health	1258	3.32
Livelihood Enhancement	660	38.30
Infrastructure Development	8600	75.89
Social Engagement Programme	100	1.91
Total	**13253**	**267.11**



Distribution of crash helmets to local riders by SP Damoh



Road Safety, Life Safety- Distribution of helmets to riders



Farmers' training on advanced agriculture techniques



Animal husbandry project with BAIF



Computer classes to rural youths at SVK NGH



Sewing classes for rural women at SVK NGH



Renovation of Girls Hostel Village Narsingarh



Construction of Aaganwadi Centre Village Khiriya

*****

ANNEX-21 B

BASIC AMENITIES DURING CONSTRUCTION AND OPERATIONAL PHASE

<table>
<tr><td></td><td></td></tr>
<tr><td>Temporary Structures during Construction phase</td><td>Temporary Structures during Construction phase</td></tr>
<tr><td></td><td></td></tr>
<tr><td>A View; During Construction Phase</td><td>A View; During Construction Phase</td></tr>
<tr><td></td><td></td></tr>
<tr><td>Area to rest, eat for workers</td><td>Area to rest, eat & Drinking water facilities with enough tables and seats</td></tr>
</table>

	
Proper Rest Areas	**Accomondation arrangement for workers**
	
Toilet Facilities	**Toilet Facilities Male and Female Separate**
	
RO Plant for Safe Drinking water Supply	**Door to door Safe Drinking water Supply**

	
School facility for all	**Hospital Facility**
	
Fuel facility for cooking	**Co-operative facility for workers and staff**

Annex-22

Sewage Treatment Plant (600 KLD) Photographs
and
Treated Water Quality Report





Sewage Treatment Plant (600 KLD)

Layout Plan

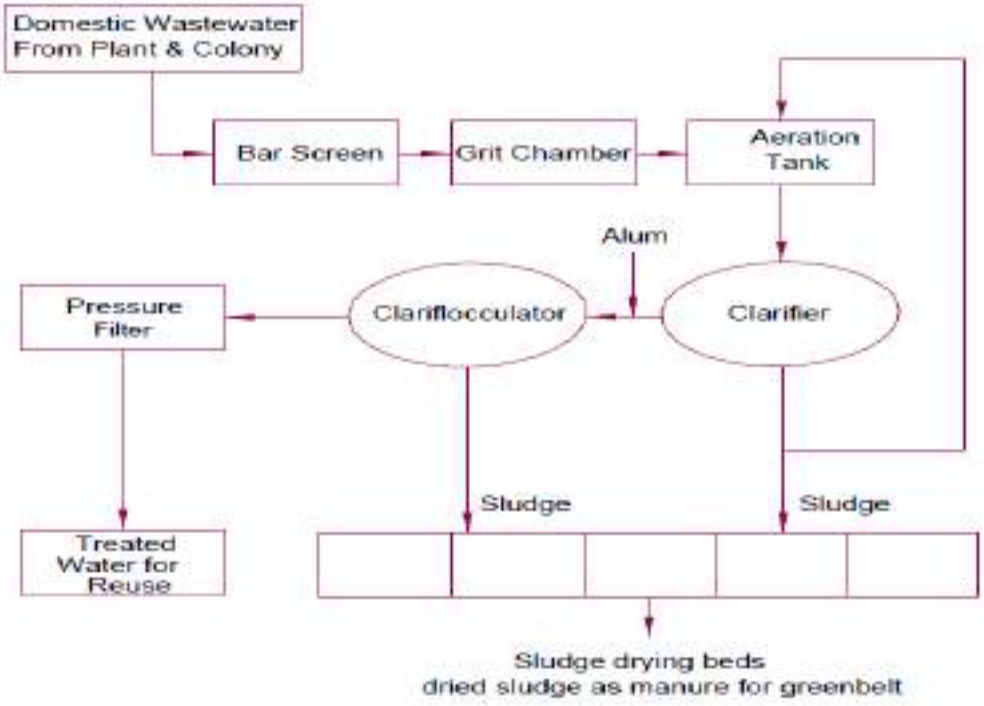


FIGURE-1
LAYOUT PLAN OF THE SEWAGE TREATMENT PLANT

Sewage Treatment Plant (600 KLD)

Lab Test Report

ecoMen

ECOMEN MINING PRIVATE LIMITED

Gata No. 61, Mirzapur, Bakshi Ka Talab, Dist. Lucknow, Uttar Pradesh - 226 021

Phone No.: 0522 - 2746282 | Mob.: 9335947476/71/74,E-mail: contactus@ecomen.in, Website: www.ecomen.in

CIN - U74210UP1989PTC010601, GSTIN : 09AAACE6076H1ZI

TC-16791

TEST REPORT

ISSUED TO:

M/s. DIAMOND CEMENTS.
(Prop: Heidelberg Cement India Limited),
At PO: Narsingarh, Distt: Damoh,
Madhya Pradesh-470675, India.

Report Number	**ECO/LAB/0513-0514/04/2026**
Issued Date	**04.05.2026**
Purchase Order No	**4471066813**
P.O. Date	**23.05.2025**

SAMPLE PARTICULARS — **Sewage Treatment Plant (STP)**
Place of Work/Plant/Mines — **Diamond Cements- Clinkerisation Unit Narsingarh (Prop: HCIL), Damoh, M. P.**

Sample Collection Date	22.04.2026	Sample Registration Date	24.04.2026
Analysis Starting Date	24.04.2026	Analysis Completion Date	30.04.2026

Samples Collected by Ecomen Mining Pvt Ltd.

Sr. No.	Parameters	Results		PCB Standards
		STP Inlet	STP Outlet	
1	PH	7.41	7.76	5.5 – 9.0
2	Total Suspended Solid (TSS)	8.02	7.59	10.0
3	Total Dissolved Solid (TDS)	423	298	-
4	Biochemical Oxygen Demand (3 days at 27 °C)	7.13	6.70	10.0
5	Chemical Oxygen Demand (COD)	30.7	28.9	50.0
6	Oil & Grease (O&G)	1.93	1.59	10.0
7	Sodium Adsorption Ratio (SAR)	2.49	2.02	-
8	Fecal Coliform (FC) MPN/100ml	243	50.5	1000

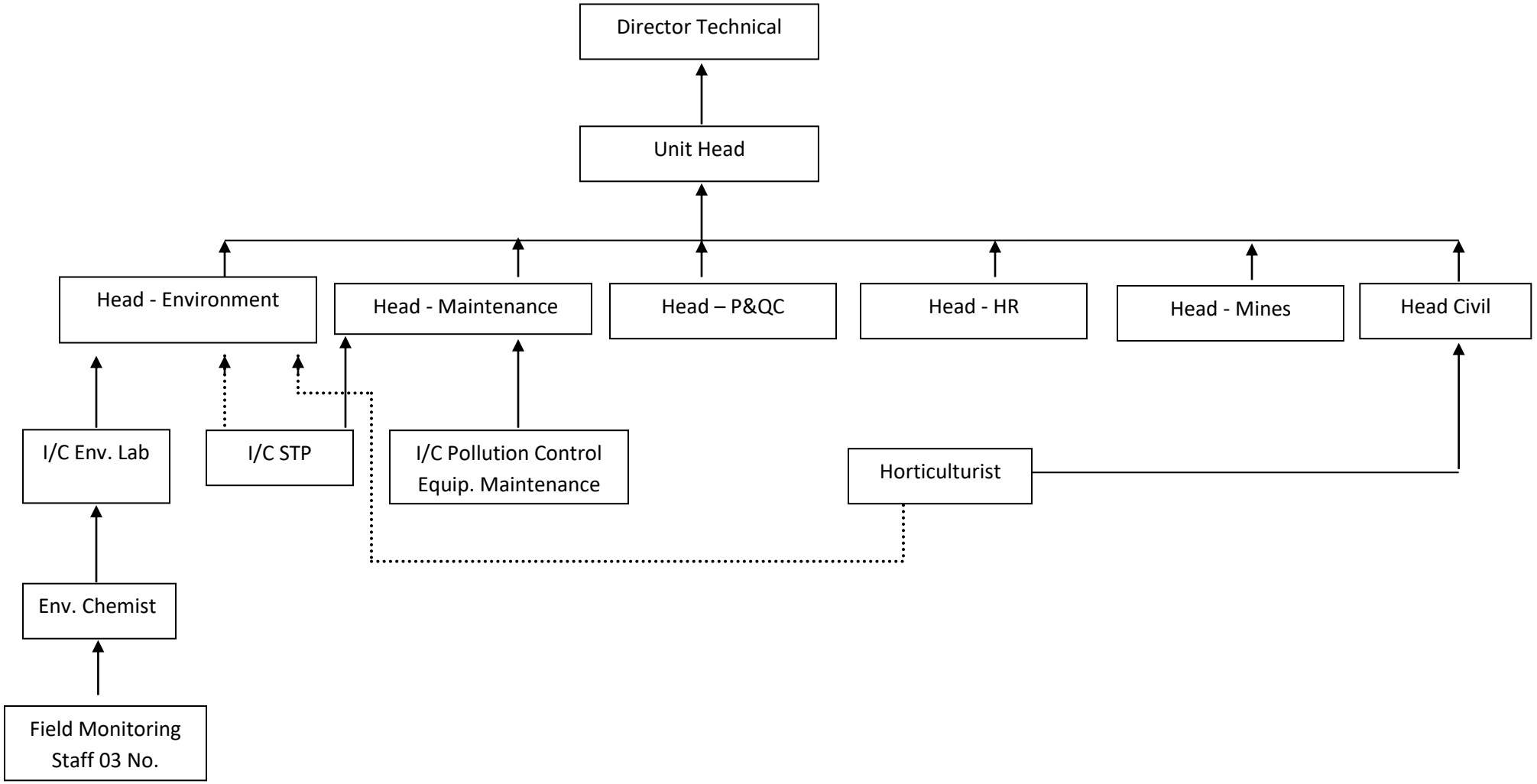
Note: All parameters are in mg/l except pH and SAR

Authorized signatory with seal
(Dr. A.K. Singh)

Annex-23

Details of Environmental Cell

Diamond Cements (Prop. Heidelberg Cement India Ltd., Damoh (M.P.)



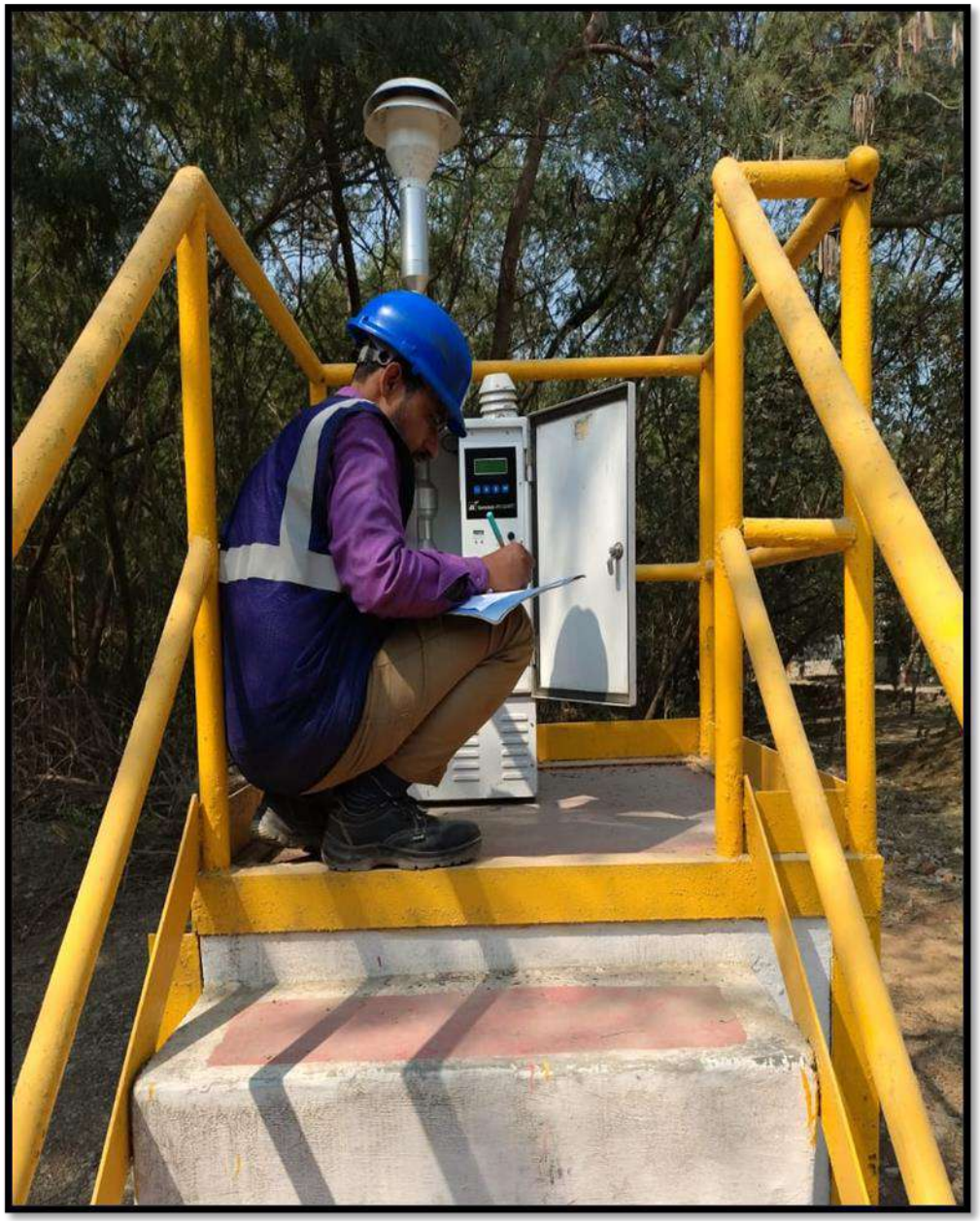
ENVIRONMENTAL MONITORING & ANALYSIS

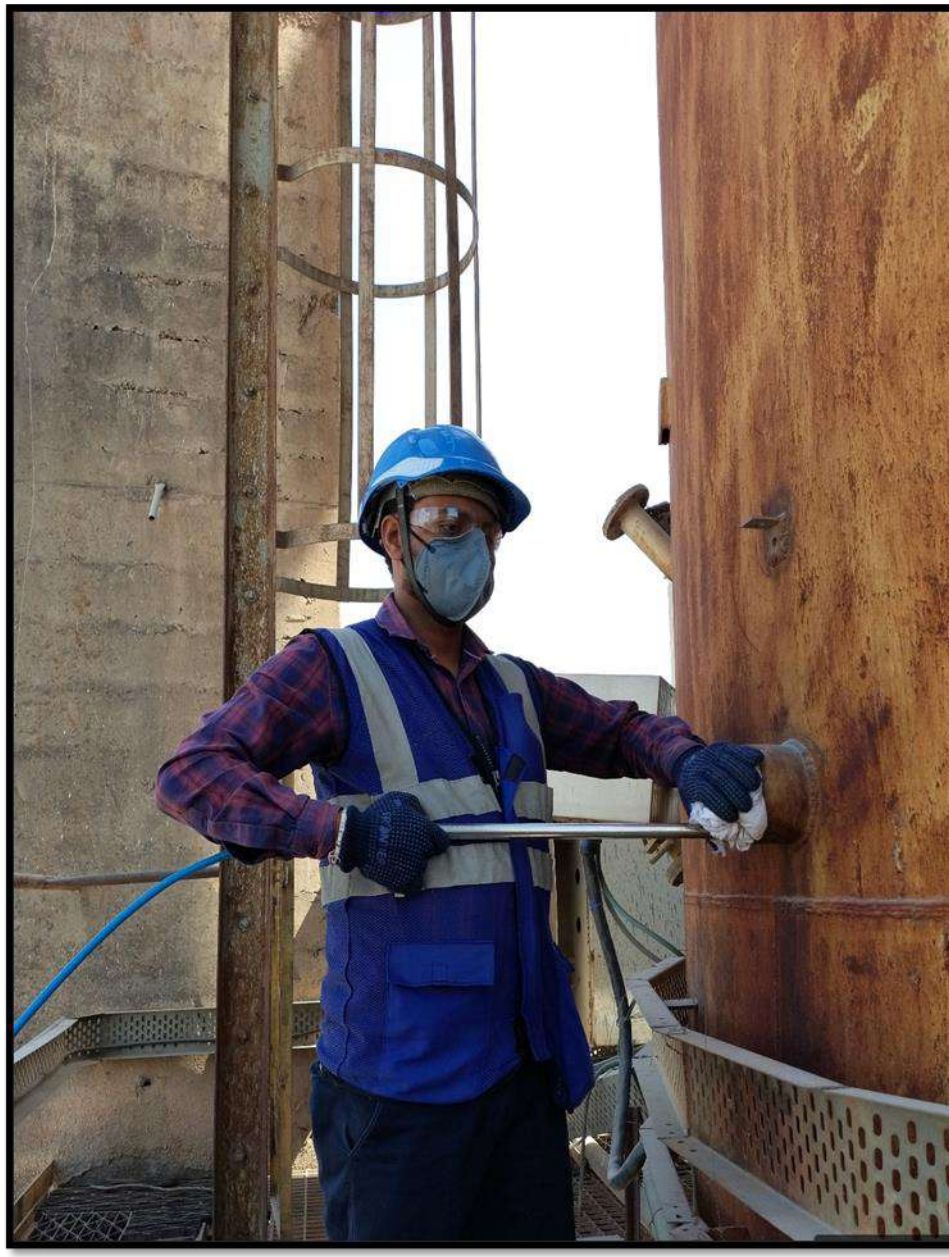





Installing
Oil Tank
Cap 2000 Ltr







Annex-24

Expenditure on Environment Management (Rs. In Lac)

Expenditure on Environment management incurred		Duration
S. NO.	**DETAILS**	**Apr'26-Sep'26**
Clinkerization Unit		
1	Environmental Monitoring for Clinkerization Unit & Limestone Mines	4.44
2	Operation and maintenance of Sewage treatment plant	10.87
3	Continuous Ambient Air Quality Monitoring Station (CAAQMS) & Continuous Emission Monitoring System (CEMS)	14.34
4	Maintenance of Air Pollution Control Devices	79.49
5	Green belt Development and maintenance	23.10
6	House Keeping Expanses	27.61
7	Road Sweeping (manual) and through Auto sweeper	21.42
8	Maintenance of Rainwater harvesting	0.85
9	Waste storage bin	0.00
10	Municipal Waste Management System	8.31
11	Awareness Program including Observing Environment Day/Ozone Day (Common for Clinkerization unit, Grinding unit & mines)	0.54
12	Cost of Electricity consumed by Pollution control device (approx)	479.90
13	Recuring cost of SNCR (Cost of Ammonium hydroxide)	0.00
14	Plastic Waste Co-processing cost	35.20
15	MPPCB Consent/NoC/CGWA NoC renewal/EPR Fee payment of Narsingarh plant.	52.0
Total		**758.1**
Limestone Mines Patharia		
1	Stack and Ambient Air Quality Monitoring for Clinkerization Unit & Lime stone Mines	4.7
2	Pollution control at Patharia Mines i.e. Water sprinkling on haul road etc.	9.37
3	Water sprinkling at screen plant/ crusher	3.7
4	Plantation and green belt development	19.9
5	Bag filter operation cost	2.47
6	Electricity consumed by Pollution control device (approx)	41.28
7	Consent NoC/ EC Expansion fee payment	0.00
Total		**81.4**

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HEIDELBERGCEMENT

Diamond Cements
(Prop: HeidelbergCement India Limited-
Formerly Mysore Cements Ltd)
Village and P.O. Narsingarh
District Damoh, M.P. 470 675, India
Phone +91-07809-241301, 02 & 05
Fax +91-07809-241235

VP(HR&Admn.)/2013/ 935.

Dated 19.02.2013

The Collector
Distt. Damoh (M.P.)

Sub: Intimation regarding start of Commercial production from the expanded capacity based at Narsingarh and Imlai

Dear Sir,

We, HeidelbergCement India Limited (the Company) are registered under the provisions of Companies Act 1956, having registered office at 9th Floor, Tower C, Infinity Towers, DLF Cyber City, Gurgaon, Haryana, India.

In this regard, we wish to submit that it has clinker and cement manufacturing units (in the name of Diamond Cements) (collectively referred to as 'cement manufacturing facility') at Narsingarh and Imlai, Dist. Damoh, Madhya Pradesh.

The Company has increased the production capacity of it's manufacturing units. We hereby are pleased to inform you that the Commercial Production from the expanded capacities has been started **w.e.f. 18.02.2013.**

Would request you to kindly acknowledge the receipt of the said intimation.

In case any further information or details are required, we shall be glad to provide the same.

Thanking you.

Yours faithfully,
For Diamond Cements
(Prop. HeidelbergCement India Ltd.)

(S. K. Gupta)
Vice President (HR & Admn.)

Encl. : As above

O/C

19-2-13

Annex-25

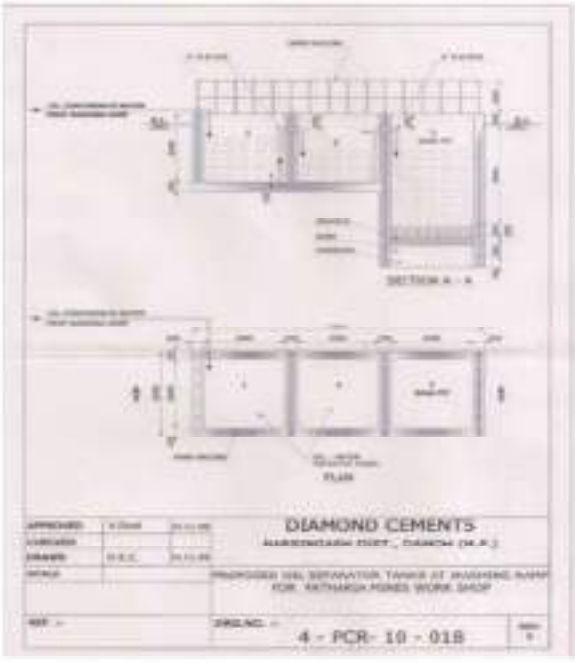
Oil water separator at Lime Stone Mines Patharia











Size of each tank of Oil & Grease Trap system
Tank No.1: 2X2X2 Mtrs
Tank No.2: 2X2X2 Mtrs
Tank No.3 : 2X2X4.2 Mtrs

Pump details: 3.7 KW (3 Phase), Discharge: 5 m3/hr.



Annex-26

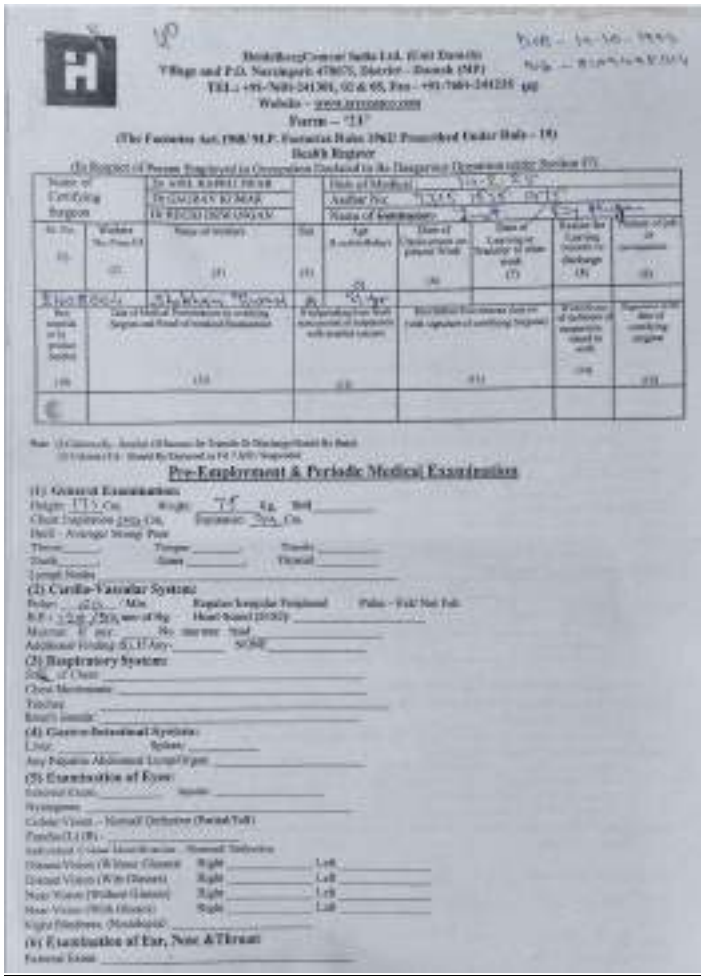
PPEs Provided to Workers





Annex-27

Occupational Health Surveillance Programme



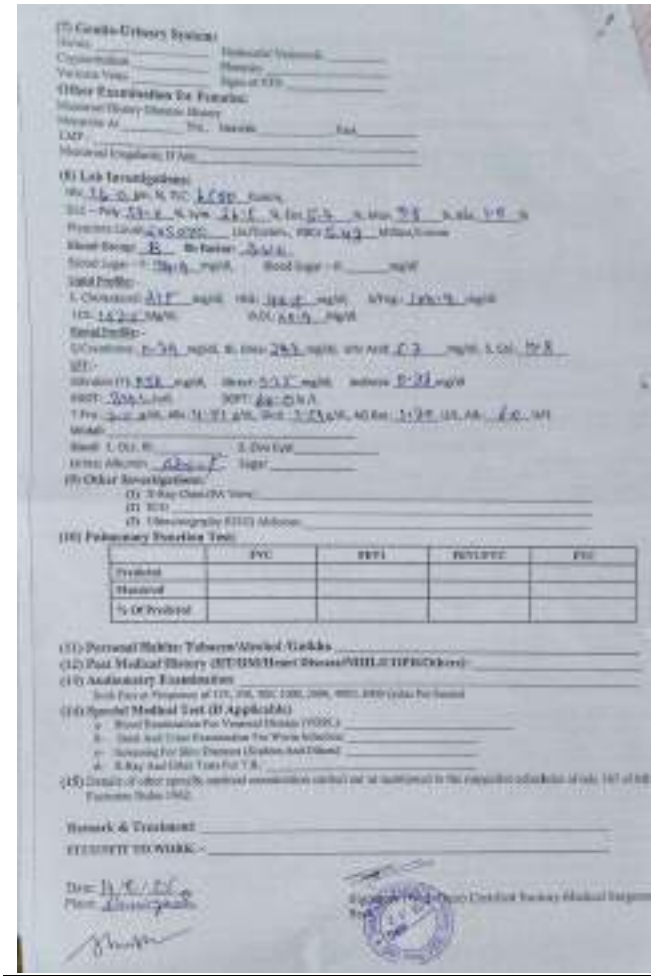
Form – "14"

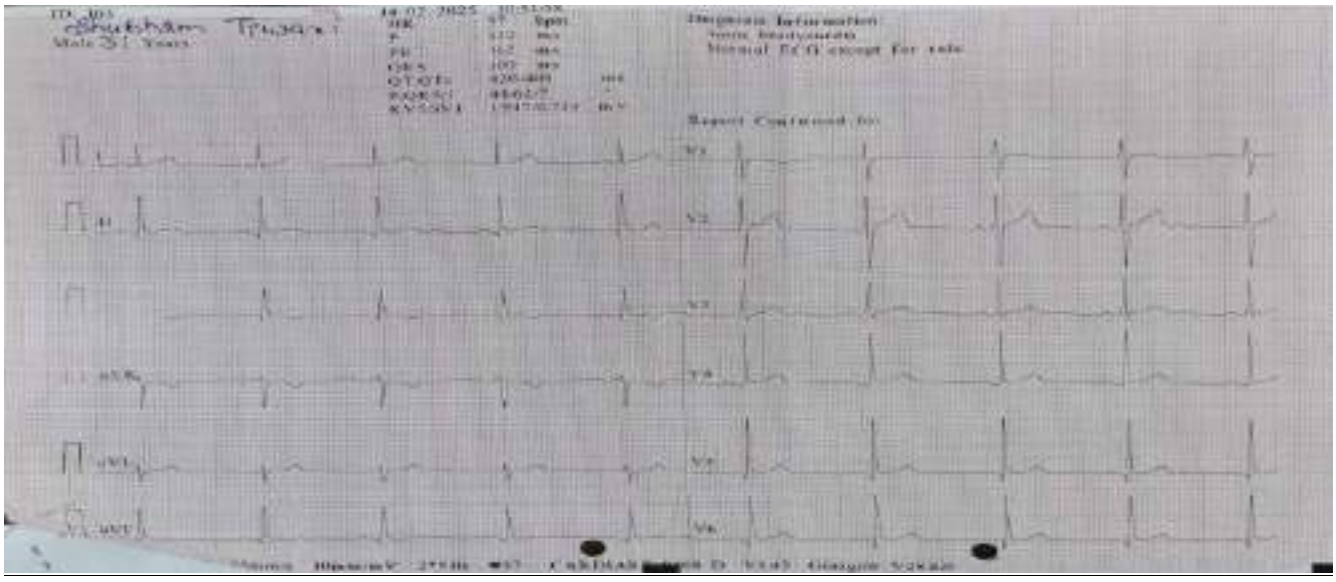
(The Factories Act, 1948/ M.P. Factories Rules 1962) Prescribed Under Rule - 18)

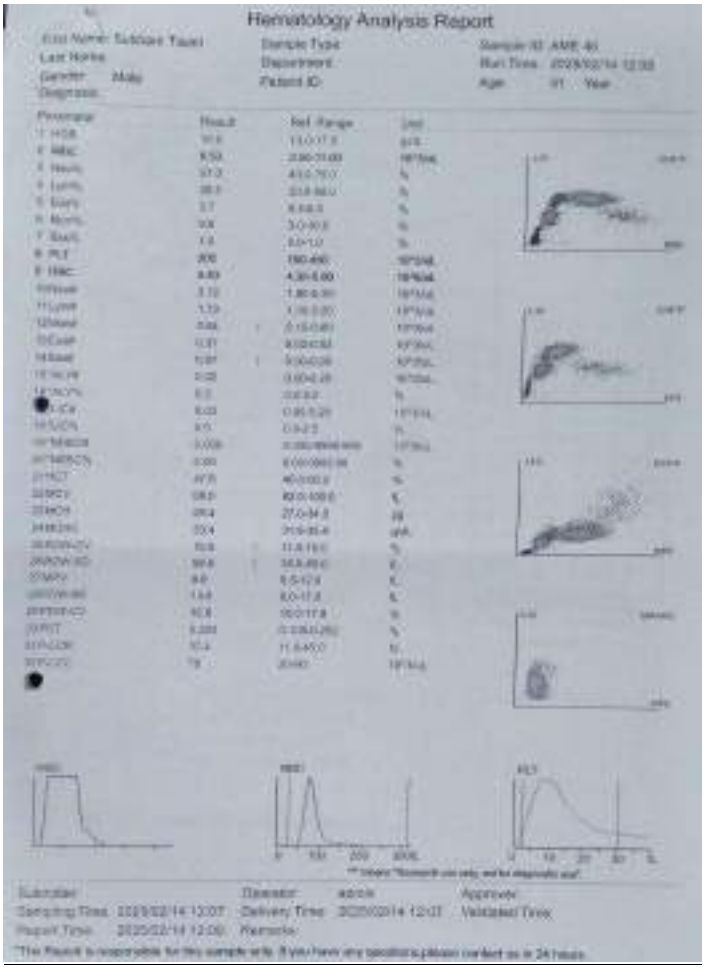
Health Register

(In Respect of Person Employed in Occupation Declared to Be Dangerous Operation under Section 87)

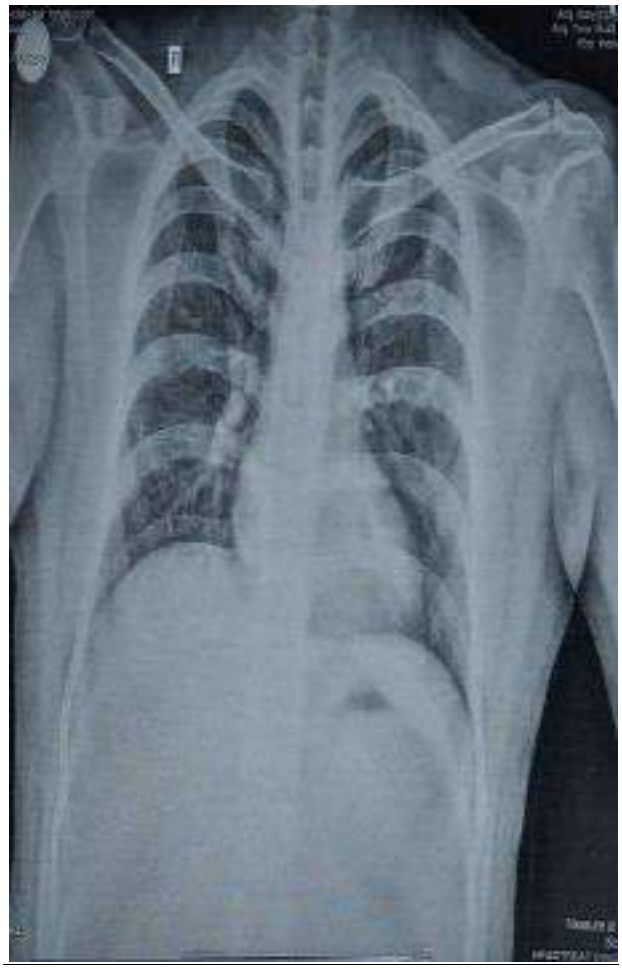
Pre-Employment & Periodic Medical Examination







Hematology Analysis Report



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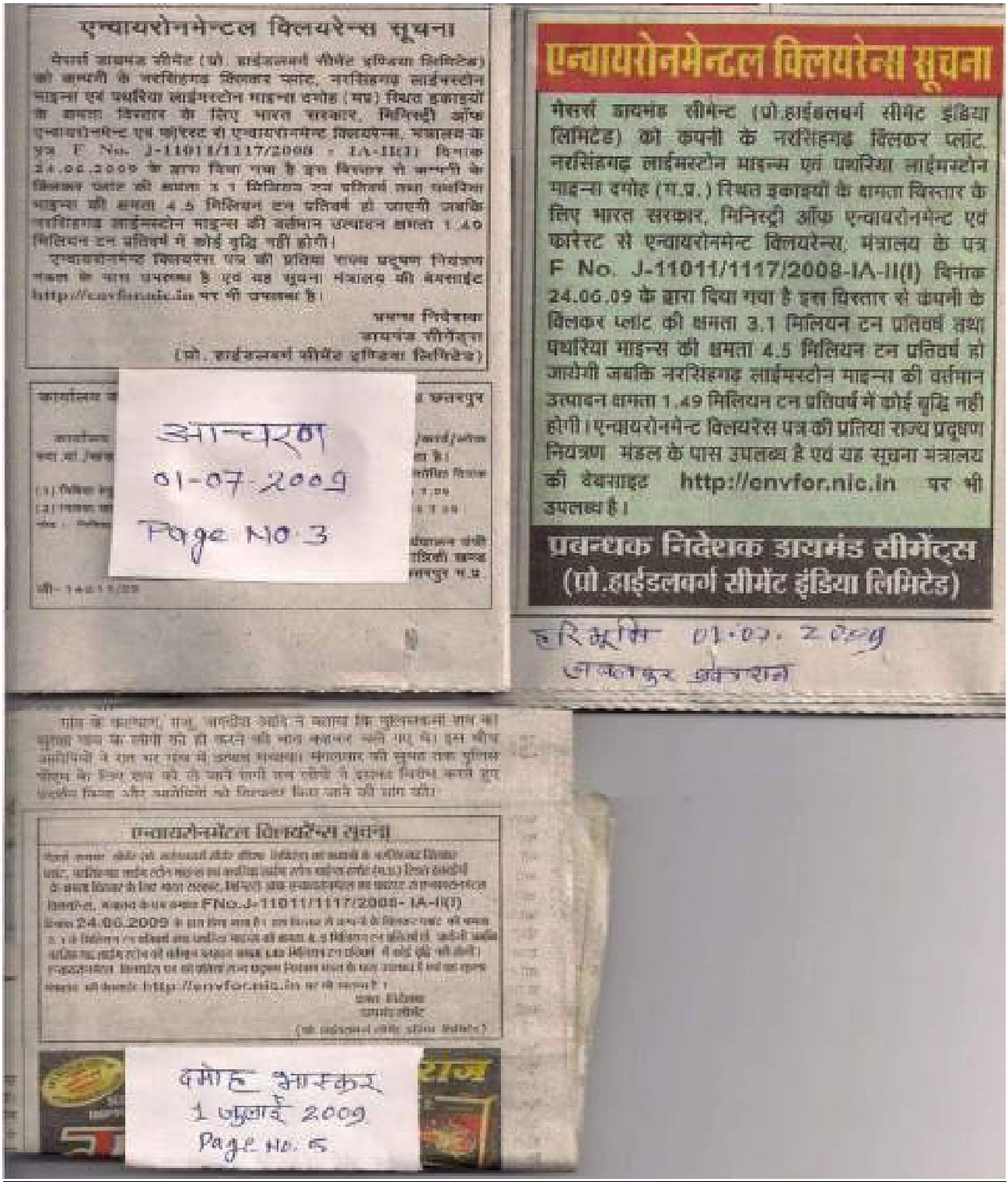
Annex-28

Advertisement of EC in News paper



एन्वायरोनमेन्टल क्लियरेन्स सूचना

मैसर्स डायमंड सीमेन्ट (प्रो. हाईडलबर्ग सीमेंट इण्डिया लिमिटेड) को कम्पनी के नरसिंहगढ़ क्लिंकर प्लांट, नरसिंहगढ़ लाईमस्टोन माइन्स एवं पथरिया लाईमस्टोन माइन्स दमोह (म.प्र.) स्थित इकाइयों के क्षमता विस्तार के लिए भारत सरकार, मिनिस्ट्री ऑफ एन्वायरोनमेन्ट एवं फारेस्ट से एन्वायरोनमेन्ट क्लियरेन्स, मंत्रालय के पत्र F No. J-11011/1117/2008-IA-II(I) दिनांक 24.06.09 के द्वारा दिया गया है इस विस्तार से कम्पनी के क्लिंकर प्लांट की क्षमता 3.1 मिलियन टन प्रतिवर्ष तथा पथरिया माइन्स की क्षमता 4.5 मिलियन टन प्रतिवर्ष हो जायेगी जबकि नरसिंहगढ़ लाईमस्टोन माइन्स की वर्तमान उत्पादन क्षमता 1.49 मिलियन टन प्रतिवर्ष में कोई वृद्धि नहीं होगी। एन्वायरोनमेन्ट क्लियरेंस पत्र की प्रतिया राज्य प्रदूषण नियंत्रण मंडल के पास उपलब्ध है एवं यह सूचना मंत्रालय की वेबसाइट http://envfor.nic.in पर भी उपलब्ध है।

प्रबन्धक निदेशक डायमंड सीमेंट्स
(प्रो.हाईडलबर्ग सीमेंट इंडिया लिमिटेड)

आचरण
01-07-2009
Page No 3

हरिभूमि 01.07.2009
जबलपुर संस्करण

एन्वायरोनमेन्टल क्लियरेन्स सूचना

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(प्रो.हाईडलबर्ग सीमेंट इंडिया लिमिटेड)

दमोह भास्कर
1 जुलाई 2009
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