

SHREE RAIPUR CEMENT PLANT







(A UNIT OF SHREE CEMENT LIMITED)

Village: Khaparadih, Tehsil: Simga

Distt.: Baloda Bazar-Bhatapara (C.G.) Pin: 493 332, Ph.: 07727-203101

CIN No.: L26943RJ1979PLC001935

SRCP/ENV/2020-21/419

Date: 17/11/2020

To,
The Member Secretary,
State Environment Impact Assessment Authority,
Paryavas Bhavan, North Block, Sector-19
Naya Raipur (C.G)

Sub: - Regarding compliance for the period April-2020 to September-2020 to the conditions of Environment Clearance for SRCP Colony -building & construction project of 111011 sq meter built-up area against total colony area of 220854 sqm (22.085 Hectare located near Village bharuwadih post - Champa in Baloda Bazar-Bhatapara District (Chhattisgarh) by Shree Raipur Cement Plant (A unit of Shree Cement Ltd.).

Ref: - EC Letter No – 1218/S.E.I.A.A.C.G./Residential project dated/B.B./2147, New Raipur dated 22/12/2016.

Dear Sir,

Kindly refer to the above subjected matter and referred EC letter. We are submitting herewith the point wise Half Yearly EC compliance status for the period of **April-2020 to September-2020**.

This is for your kind information & submission please.

Thanking you.

Yours faithfully

For Shree Raipur Cement Plant.

(A unit of Shree Cement Ltd.)

R. K. Vijay

Joint VP (Operations)

Enclosed: Compliance status Report period April-2020 to September-2020.

Cc to:-

- 1. The Director, MOEF&CC, West Central Regional Office, Ground Floor, Eastern Wing, New Secretariat Building-Opposite Old VCA Stadium, Civil Lines, Nagpur 440001, (M.H)
- 2. The Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhavan, North Block, Sector-19 Naya Raipur (C.G)
- 3. The Regional Officer, Chhattisgarh Environment Conservation Board, Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur (C.G.) 492099.



BALODA BAZAR OFFICE : Opp. Dussehra Maidan, Ganesh Chowk, Baloda Bazar-493 332, Ph : 07727-203211, 203210

■ RAIPUR OFFICE: House No. 31/248, Civil Lines, Near C.M. House, Raipur-492001, Ph.: 0771-2430007, Fax: 0771-2430007

REGD. OFFICE: Bangur Nagar, Post Box No. 33, Beawar, 305901, Dist. Ajmer (Raj.)

Phone: 01462-228101-105, Fax: 01462-228117/119, e-mail: shreebwr@shreecementltd.com, Website: www.shreecementltd..com

SRCP Colony Environment Compliance Status report

Period from April -2020 to September - 2020

Name of Project:	SRCP Colony Shree Raipur Cement Plant (A unit of Shree Cement Ltd) SRCP Colony (residential Colony) Total Colony area 220854 sq. meter (22.085 ha) and buildup area-110111 sq. meter near Village Bharuwadih Distt Baloda Bazar - Bhatapara (Chhattisgarh.	
Capacity & Location:		
EC letter No.:	1218/S.E.I.A.A. CG/Residential Project/BB/2147 Naya Raipur dated 22/12/ 2016	

Conditions	Compliance
Construction Phage	
Facility of Labourers during construction	
Construction camp and temporary labour sheds shall be located away from the construction site. Construction camps shall be provided for construction personnel to avoid indiscriminate settlement of construction workers and laborers.	Construction camp and temporary labor sheds are located away from the construction site. Construction camps are provided for construction personnel to avoid indiscriminate settlement of construction workers and laborers.
Provision to drinking water, waste water disposal, solid wastes management and primary health facilities shall be ensured for labour camps. Proper sanitation facilities shall be provided at the construction site to prevent health related problem. Domestic as well as sanitary wastes from construction camps shall be cleared regularly. Provision shall be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during construction phase shall be ensured.	Provision to drinking water, wastewater disposal, solid wastes management and primary health facilities are being ensured for labour camps. Proper sanitation facilities have been provided at the construction site to prevent health related problem. Domestic as well as sanitary wastes from construction camps are cleared regularly.
Water usage during construction shall be optimized to avoid any wastage.	Water usage during construction is being optimized to avoid any wastage.
Adequate safely measures shall be adopted to the construction workers.	Adequate safely measures has been adopted.
All the labourers to be engaged for construction works shall be screened for health and adequately treated before issue of work permits. The contractor shall ensure periodic health check-up of construction workers. A first	Complying with. OHC Centre for medical facilities is available and First Aid facility have also been provided at SRCP Colony.
	Facility of Labourers during construction Construction camp and temporary labour sheds shall be located away from the construction site. Construction camps shall be provided for construction personnel to avoid indiscriminate settlement of construction workers and laborers. Provision to drinking water, waste water disposal, solid wastes management and primary health facilities shall be ensured for labour camps. Proper sanitation facilities shall be provided at the construction site to prevent health related problem. Domestic as well as sanitary wastes from construction camps shall be cleared regularly. Provision shall be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during construction phase shall be ensured. Water usage during construction shall be optimized to avoid any wastage. Adequate safely measures shall be adopted to the construction workers. All the labourers to be engaged for construction works shall be screened for health and adequately treated before issue of work

	during construction and operation of the project.	
vi)	Provision shall be made for the supply of kerosene or cooking gas/pressure cooker to the labourers during construction phase.	
	Environmental Management During Construction :-	
i)	As far as practicable re-use of debris of demolished existing buildings/houses/structures at existing site is recommended with a special care for handling and disposal of asbestos waste if any. Rest of waste is to be disposed at the sanitary landfill disposal site.	There is no asbestos waste generated from the construction site. Debris of demolition whenever generated shall be reused at the site.
ii)	Appropriate measure like adequate drainage, embankment construction and slope stabilization shall be taken along the roads to avoid soil erosion. Top soils (20 cm) of the borrow pit sites shall be conserved and restored after completion of excavation. All the topsoil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site. Proper erosion control and sediment control measures shall be adopted.	Complying with. The top soil generated have been used for plantation purpose.
iii)	Earth material generated from excavation shall be reuse to the maximum possible extent as filling material during site development. The construction debris and surplus excavated material shall be disposed-off by mechanical transport in suitable pre-identified dumping areas to avoid land degradation and water logging due to indiscriminate dumping. Dumping areas shall be biologically reclaimed through topsoil cover and plantation.	Earth material generated from excavation is being reused as filling material at the site development.
iv)	A soil erosion and sedimentation control plan shall be prepared prior to construction. The soil erosion sediment control and storm water practices shall be incorporated depending upon the site characteristics to control soil erosion and loss of topsoil during construction.	There is no any soil erosion envisaged from the site however 5,000 Nos. of tree sapling have been planted at SRCP Colony.
v)	Disposal of muck including excavated material during construction phase shall not create any adverse effects on the neighboring communities and disposed-off taking the necessary	Complying with.

	precautions for general safety and health aspects.	
vi)	Low Sulphur diesel type diesel generator sets should be used during construction phase. Diesel generator sets during construction phase shall have acoustic enclosures and shall conform to Environment (Projection) Rules, 1986 prescribed for air and noise emission standards.	DG fitted with acoustic enclosure and confirming the standards prescribed for noise and air emission.
vii)	All Vehicles/equipment's deployed during construction phase shall be ensured in good working condition and shall conform to applicable air and noise emission standards. These shall be operated only during non-peaking hours.	Regular maintenance is being done to control the noise level and PUC certificate ensured.
viii)	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality shall be ensured during construction phase. Equipment noise levels shall be ensured during construction phase and closely monitored during construction phase. Adequate measures shall be provided to maintain ambient air quality and noise levels during construction phase, so as to conform to the stipulated standards by CPCB/CECB. Fortnightly monitoring of ambient air quality (PM10,PM2.5, SO2 and NOX) shall be done.	Vehicles are maintained in good condition with proper oil and greasing to control unwanted noise pollution. Noise & ambient Air Monitoring being done. Reports of Ambient Air Quality monitoring performed by Third party are enclosed as Annexure – 1.
ix)	The protective equipments such as earplugs etc. Shall be provided to construction personnel exposed to high noise levels. Stationary construction equipments generating noise shall be placed away from inhabited areas and silence zones. Construction activities carried out near residential area shall be scheduled to daytime only. Only limited necessary construction shall be done during night time. No unloading of construction materials shall be done at night. Vehicular noise and use of horns shall be controlled through enforcement of laws and public awareness. Use of pressure horns	Complying with. The protective equipment's such as earplugs etc. has been provided to construction personnel exposed to high noise levels
	shall be strictly prohibited. To reduce noise level, the roads shall be designed to have more rows of plantation.	

x)	Construction spoils, including bituminous material and other hazardous materials including oil from construction equipments must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they shall not leach into the ground water. If necessary, oil trap shall be installed where heavy machineries are deployed.	complying with.
xi)	Proper and prior planning, sequencing and scheduling of all major construction activities shall be done. Construction material shall be stored in covered godowns / sheds. Trucks carrying soil, sand and other construction materials shall be duly covered to prevent spillage and dust emission. Adequate dust suppression measures shall be undertaken to control fugitive dust emission. Regular water sprinkling for dust suppression shall be ensured.	Construction material is stored in covered godowns / sheds. Ensuring trucks' carrying soil, sand and other construction materials are covered with tarpaulin. Regular water sprinkling is being done for dust suppression to control dust emission.
xii)	Use of Ready-Mix concrete i.e. recommended for this project. Water demand during construction shall be reduced by use of pre-mix concrete, curing agents and other best practices.	Ready-Mix concrete is being used for construction.
xiii)	Accumulation/stagnation of water shall avoid ensuring vector control.	Being complied.
xiv)	Regular supervision of the above and other measures shall be in place all through the construction phase so as to avoid disturbances to the surroundings. Selection of Materials for Better Energy	Regular supervision being done to avoid disturbances to the surroundings.
	Efficiency:-	
i)	Use of fly ash based bricks/blocks/tiles/products shall be ensured. Blended cement with fly ash shall be used. The provisions of Notifications regarding use of fly ash must be compiled with issued by Ministry of Environment, Forest and Climate Change, Government of India. Appropriate usage of other industrial wastes shall also be explored. Soil borrow area should be filled up with ash with proper compaction and covered with	Complying with. Fly ash bricks being used for construction purpose.
	topsoil kept separately. Fly ash/ pond ash shall be used for low – lying areas filling. In	

	embankments / road construction etc. ash shall be utilized as per guidelines of Ministry of Environment, Forest and Climate Change, Government of India/ Central Pollution Control Board/ Indian Road Congress etc. concerning authorities. The use of perforated brick/ hollow blocks / fly ash based lightweight aerated concrete etc. shall also be ensured so as to reduce load on natural resources.	
ii)	Construction shall confirm to the requirements of local seismic regulations. The project proponent shall obtain permission for the plans and designs including structural design, standard, safety adequacy of fire fitting equipments, protection measures for lighting and specifications of all construction works from concerned authority.	SRCP colony project fall in seismic zone-II. Complying all applicable rule & regulation related to the construction of colony. Permission copy is attached as Annexure-2
iii)	Reduce the use of glazed surface as per National Building Code 2005. Use of glass in various buildings may be reduced up to 40 % to reduce the electricity consumption and load on airconditioning. If necessary, use of high quality double glass with special reflective coating in windows. Roof of the various buildings shall meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement. Opaque wall shall meet perspective requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is inspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Complying with.

iv)	Use of energy efficient construction materials to	Completing
,	achieve the desired thermal comfort shall be incorporated. The desired level of roof assembling 'U' factor and insulation 'R' value must be achieved. Roof assembling 'U' factor for the top roof shall not exceed 0.4 Watt/sq.m/degree centigrade with appropriate modifications of specifications and building technologies. The provisions of national Building Code 2005 shall be strictly followed.	Complying with.
v)	Modern electrical power transmission & distribution system shall be installed.	Modern electrical power transmission & distribution system has been installed.
vi)	Street lighting shall be energy efficient. LED light shall be provided in street lighting, garden, public place and houses. LED lights and solar water heating systems shall be provided in the buildings (as required)	LED lights are provided street lighting, garden, public place and houses.
vii)	Extensive network of cellular phones and landline shall be provided. The telephone and electric cables shall be laid in the same corridor. Adequate vertical and horizontal separation between telephone and electric cable shall be maintained.	Complying with.
viii)	Reduced hard paving — Onsite (open area surrounding building premises) and/or provide shade on hard paved surfaces to minimize heat island effect and imperviousness of the site.	Complying with.
ix)	All air- conditioned buildings (if any) shall follow the norms proposed in ECBC regulations framed by the bureau of Energy Efficiency. Use of Chillers shall be CFC & HCFC free.	Complying with.
(x)	Power requirement shall be met through Chhattisgarh State Electricity Distribution Company Limited. Power backup shall be D.G. Sets, which should be acoustically proof and	Power requirement is being met through Chhattisgarh State Electricity Distribution Company Limited. For Power backup D.G. Set has been installed.

	eco-friendly.	
xi)	The buildings shall have adequate distance among them to allow movement of fresh air and passage of natural light, air and ventilation.	
xii)	During Maintenance, energy efficient electric light fittings & lamps – low power ballasts, low consumption high power luminaries, lux level limiters & timers for street lighting shall be provided. Used LED's shall be properly collected	
	and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury or other contamination. A report on the energy	
	conservation measure conforming to energy conservation norms finalized by Bureau of Energy Efficiency shall be prepared incorporating details about building materials &	
	technology, 'R' value & 'U' factors etc.	
	Water Body Conservation :-	
i)	Improvement or rehabilitation of existing natural streams, channels / nallas falling within premises (if any) shall be carried out without disturbing the ecological habitat.	Not applicable
ii)	No untreated / treated waste water shall be discharged in the any water bodies under any circumstances.	Domestic waste water is being treated by STP and treated water shall be used for plantation purpose.
iii)	All the construction and preparatory activities shall be carried out during dry seasons only.	All the construction and preparatory activities are carried out during dry seasons.
	Water Supply :-	
i)	Project proponent shall provide adequate measuring arrangement at the inlet point of water uptake and at the discharge point for the measurement of water utilized in different categories to monitor the daily water consumption. Measuring arrangement for	Water meter has been provided at the inlet point of water uptake and at the discharge point for the measurement of water utilized in different categories to monitor the daily water consumption.

	effluent generated shall also be provided.	Water Flow meter measurement for effluent generated is provided.

ii) aı	Water saving practices such as usage of water saving devices / fixtures, low flow flushing system, sensor based fixtures, pressure reducing devices etc. shall be adopted.	Water saving practices like water saving devices/ fixtures, low flow flushing system etc. is adopted.
	Greening Programme :-	
i)	Lay out of proposed buildings and roads etc. shall be made in such a way that it shall cause minimum disturbance to existing flora and fauna. Appropriate green belt shall be developed to compensate the habitat loss of trees for site clearing. The project proponent must obtain permission for tree cutting from competent authority as per prevailing act/rules. Plantation along the side of the roads and in the open spaces shall be developed to act as sinks of air pollutants. Adequate plantation programme along the roads and open spaces shall be planned. The plantation programme along the roads and open spaces shall be planned. The plantation programme along the roads and open spaces shall be planned. The plantation programme shall be drawn to confirm the natural climate conditions. The plantation shall consist of mixture of available indigenous, fast growing and sturdy species of trees, shrubs and herbs as proposed by the project proponent. Plantation shall be done in open spaces available within the premises. Trees of species like sagon, khamar etc witch remain leafless for long time shall be avoided.	Plantation along the side of the roads and in the open spaces being developed.
	Sewage Management:-	
i) =	Sewage Treatment plant with adequate capacity shall be installed. Sewage collection system of	STP of 350 KL/ Day capacity has been installed

	adequate capacity to convey the sewage during peak hours shall be laid to collect and convey the sewage from various buildings. The augmentation of STP shall be ensured before the completion of the buildings.	for treatment of domestic waste water.
ii)	Domestic waste water after treatment shall be used in plantation and other uses. Zero discharge condition shall be maintained.	Domestic waste water after treatment is being used for plantation and other uses. Zero discharge condition is being maintained.
	Rain Water Harvesting Scheme:-	
i)	Rain water from open spaces shall be collected and reuse for landscaping and other purposes. Rooftop rainwater harvesting shall be adopted for the buildings. Every building shall have rainwater harvesting facilities. The storm water flowing in roadside drains shall also be recycled and reused to maintain the vegetation and treatment must be done to remove suspended matter and oil & grease. Rainwater harvesting pits shall be constructed as per proposal.	Rain Water harvesting pond of 20,000 KL capacity developed to preserve rain water. The photograph of the Rain Water harvesting pond is attached as Annexure-3 .
	<u>Transport Management</u> :-	
i)	Appropriate access shall be provided for physically challenged people in the pedestrian paths.	Appropriate access have been provided for physically challenged people in the pedestrian paths.
ii)	Traffic congestion near the entry and exit points from the roads adjoining the project site must be avoided. The design of service roads and the entry and exit from the building shall conform to the norms & standards prescribed by the National Highways authority of India / State public Works Development.	Complying with
iii)	Permeable (porous) paving in the parking areas and walkways & patio areas shall be used to control surface water runoff by allowing storm water to infiltrate the soil and return to ground water.	Complying with
iv)	The road drainage shall be designed to enable quick runoff of surface water and prevent water logging. The road level shall be kept at least 0.5	Complying with

	to 1.0 meter above the observed high flood level. The guidelines on urban drainage, IRC:SP-50 shall be followed. On the both sides of all roads, well —lit and smooth Will be complied. surfaced footpaths shall be provided. The hoardings shall be strictly prohibited along the roads.	
v)	Adequate provision shall be made to cater the parking needs. Parking shall be fully internalized and no public space be utilized parking spaces standards as given in Manual on Norms and Standards for Environment Clearance of Large Construction Projects, Issued by Ministry if Environment, Forest and Climate Change, Government of India shall be adapted.	Fully internalized parking have been provided and No public space will be utilized as per the Norms and Standards for Environment Clearance of Large Construction Projects, Issued by Ministry of Environment, Forest and Climate Change, Government of India.
	Others:-	
i)	All mandatory approvals and permissions as required shall be obtained.	We have obtained CTE from CECB, Raipur Vide Letter No. 5703/TS/CECB/2018, Dated:-16.10.2018.
ii)	Unskilled construction labourers shall be recruited from the local areas. Constructions materials shall be procured locally as far as possible.	Being followed.
iii)	Water heating system provided in the residential units and common buildings (if any) shall be 100% solar based only.	Complying with
iv)	Provision of composting for the biodegradable solid wastes as well as the large amount of biomass that shall be available from the tree plantation shall be made.	Complying with .
v)	The ground water shall not be abstracted without prior permission from the competent authority in the project area.	We have obtained CGWA NOC permission for water withdrawal vide letter no. 21-4(36)/NCCR/CGWA/2008-2079 dated 24.10.2018.
vi)	Adequate roadside drains shall be provided along the road to facilitate its better maintenance and increase in the life of the carriageway, which shall avoid soil erosion and	Agreed.

	land degradation due to water stagnation. The roadside drains shall be provided on both sides if the road, Longitudinal and cross drainage system shall be regularly maintained. Adequate new drainage works and cross drainage structures shall be provided for smooth passage of runoff. Filling of existing natural drainage courses shall be strictly avoided. Suitable drainage at construction site and camp shall be provided to eliminate the formation of stagnant water pools.	
vii)	Regular supervision of the above and other measurement for monitoring shall be in place all through the construction phase, so as to avoid disturbance to the surroundings	Complying with.
II.	Operation Phase	
.1	Sewage treatment plant :-	
i)	Project proponent shall operate and maintain the sewage collection/ conveyance system, sewage pumping system (if any) and sewage treatment system regularly to ensure the treated effluent quality within the standards prescribed by Ministry of Environment, Forest and Climate Change, Chhattisgarh of India or prescribed by Chhattisgarh Environment Conservation Board (which ever stringent) All the effluent treatment system shall be kept in good running conditions all the time and failure (if any), shall be immediately rectified without delay, otherwise same alternate arrangement shall be made for storage of untreated sewage until the control measure are rectified to achieve the desired efficiency .Project proponent shall install separate electric metering arrangement with time totalized for the running of pollution control systems . The record (logbook) of power & chemical consumption for running the pollution control systems shall be maintained.	STP of 350 KL/ Day capacity has been installed for treatment of domestic waste water. And the treated waste water is used for plantation purpose.

	Municipal Solid Waste/Other Wastes :-	
i)	Three-chambered container or three bines (one for bio degradable, one for non bio degradable and one domestic hazardous waste) shall be placed at appropriate distance on the roadside and inside building. Covered dustbins/garbage collector in convenient places to collect the municipal solid wastes shall be provided.	Three-chambered container or three bines (one for bio degradable, one for non bio degradable and one domestic hazardous waste) is placed at appropriate distance on the roadside and inside building.
ii)	The proponent must develop the Solid Wastes Segregation, Collection, Handing, Transportation and Disposal Scheme ensuring safe and scientific Segregation, collection, handling, transportation and disposal of organic and inorganic portion, the organic waste is to be composted/ Vermi composted at the compost plant, the sludge generated from Sewage Treatment Plant (after drying) shall be used as manure for gardening purpose. Dry solid waste and recycling of all recyclable wastes such as newspaper, aluminum cans glass bottles, iron scrap and plastics etc. shall be ensured, All municipal solid wastes shall be segregated, collected, transported, treated and disposed as per provisions of the solid waste management rules, 2016.	We have developed Solid Wastes Segregation, Collection, Handing, Transportation and Disposal system. Organic waste is converted into compost and used as manure in green belt development. The sludge generated from Sewage Treatment Plant (after drying) is being used as manure for gardening purpose. Dry solid waste and recycling of all recyclable wastes are segregated, collected and transported as per the solid waste management rules, 2016
iii)	Public awareness programmes of benefit if living a clean and healthy life by proper management of solid wastes shall be organized regularly.	Public awareness programmes of benefit of living a clean and healthy life are organized regularly
iv)	All hazardous wastes (if any) shall be segregated, collected, transported, treated and disposed as per provisions of the Hazardous and other wastes (Management and Trans boundary Movement) Rules, 2016.	No hazardous waste is generated from Colony.
v)	The use of hand gloves, shoes and safety dress for all waste collectors and sorters shall be enforced.	Complying with.
Vi)	Recycling of all recyclable wastes such as newspaper, aluminum cans, glass bottles, iron scrap and plastics etc. shall be encouraged	Complying with.

	through private participation.	
vii)	Necessary measurement shall be made to mitigate the odour problems from solid wastes processing plant.	Agreed.
	Others:	N:
i)	Project proponent shall make arrangement for collection, segregation, transportation and disposal of solid wastes generating during the operational phase as per provisions of the solid Waste Management Rules, 2016, before the commissioning of the project.	Three-chambered container or three bines (one for bio degradable, one for non-bio degradable and one domestic hazardous waste) is placed at appropriate distance on the roadside and inside building. Organic waste is converted into compost and used as manure in green belt development. The collected waste is sent to municipal waste segregation site for further processing.
ii)	Project proponent shall make all necessary safety measures like fire fighting, accident prevention etc. before the commissioning of the project.	All necessary safety measures adopted like firefighting teams, fire brigade, fire extinguishers, emergency preparedness etc.
iii)	Noise shall be controlled to ensure that it does not exceed the prescribed standards. During night time the noise level measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevented regulations.	Noise is controlled to ensure that it does not exceed the prescribed standards. Noise monitoring report enclosed as Annexure-4 .
iv)	Weep holes in the compound walls shall be provided to ensured natural drainage of rain water in the catchment area during the monsoon period.	20,000 KL capacity Rain water harvesting pond with internal drainage line being constructed in colony.
v)	The ground water level and its quality shall be monitored regularly in consultation with central ground water authority.	The ground water level & quality being monitored regularly. The monitoring report of the same is attached as Annexure – 5 & 6 respectively.
	PART B – GENERAL CONDITIONS :-	
i)	After approval of the competent authority appropriate fire fighting system shall be adapted.	Agreed.

ii)	The environmental safeguard and mitigation measures contained in the application shall be implemented in letter and spirit.	
iii)	All the conditions, Liabilities and legal provision contained in the Environmental clearance shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownerships, maintenance of management of the project to any other entity.	
iv)	The project proponent shall make financial provision in the total budget if the project for implementation of the above mentioned conditions and for suggested environmental safeguard measures. The funds earmarked for the environmental protection measures shall not be diverted for other purposes.	
v)	Six monthly monitoring reports shall be submitted to the SEIAA, Chhattisgarh, Regional office, Ministry of Environment Forest and Climate change, Government of India, Bhopal and Chhattisgarh environment Conservation Board, Naya Raipur who shall be monitoring the implementation of environmental safeguards shall be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents shall submit to State Level Environment Impact Assessment Authority, Chhattisgarh.	Six monthly EC Compliance Report is being submitted to SEIAA, Chhattisgarh, Regional office, Ministry of Environment Forest and Climate change, Government of India, Bhopal and Chhattisgarh environment Conservation Board, Naya Raipur (C.G.).
Vi)	The responsibility of implementation of environmental safeguards rests fully on the project proponent. Project proponent shall establish an environmental management cell under the supervision of senior executive, directly reporting to the head of organization.	We have established environmental cell who directly reports to the Unit head.
vii)	In the case of any change(s) in the scope of the project the project shall require a fresh	Noted.

	appraisal by the SEIAA.	
viii)	The issuance of this letter does not convey any property rights in either real or personal property or any exclusive privileges nor does it authorize any injury to private property or any invasion of personal rights nor any infringement of central, state or local laws or regulations.	
ix)	All other statutory clearances from Chief Controller of Explosives, fire Department, civil Aviation Department, forest conservation act, 1980 and wildlife (protection) act, 1972 etc shall be obtained as applicable by project proponent. Project proponent shall obtain all necessary statutory clearance /licenses/permissions from concerned central government/state government departments, Boards, Bodies and corporations etc. Project proponent shall follow direction issued by Central government/State Government, Central pollution Board/Chhattisgarh Environment Conservation Board from time to time regarding control of water & air pollution and for environmental conservation.	We have obtained CTE from CECB, Raipur Vide Letter No. 5703/TS/CECB/2018, Dated:-16.10.2018.
x)	The State Level Environment Impact Assessment Authority, Chhattisgarh reserves the right to ament the above conditions and add additional safeguard measures subsequently, if found necessary and to take action including revoking of the environment clearance under the provisions of the environmental (protection) Act.1986 to, ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.	Advertised in two local revenues Parisile
xi)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality	Advertised in two local newspapers: Dainik Bhaskar & Hari Bhumi widely circulated in the region around the project on 28.12.16 Copy of

	this clearance letter, informing that the project has been accorded environment clearance and copies of clearance letter are available with the Chhattisgarh Environment Conservation Board and may also seen at Website of the SEIAA, Chhattisgarh at www.seiaacg.org .	
xiii)	A copy of the clearance letter shall be sent by the proponent to concerned panchayat, zila parisad/ municipal corporation, urban local body and the local NGO, if any from whom suggestion / representation, if any, received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Copy of environment clearance letter has been sent to concerned panchayat, zila parisad/municipal corporation, urban local body dated 28.12.2016 & 30.12.16. EC letter has been put on our web site:-www.shreecement.com
xiii)	Any appeal against this environmental clearance 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.	Noted.

For Shree Raipur Cement Plant (A unit of Shree Cement Ltd.)

R K Vijay

Joint VP (Operations)

Enclosed: - As above



Integrated HSEQR Consulting Engineers, Scientists & Trainers
(Recognised By Ministry of Environment, Forest and Climate Change, New Delhi Under EPA 1986)
(No. Q - 1508 / 32 / 2007 - CPW)
(ISO 9001, 14001 & OHSAS 18001 Certified Organisation)

Report No:-GCI/V/LAB/EM-G0121/19-SP/19-20/JUNE-00/0158

Date: 20/06/2020

ANALYSIS REPORT

(For the Month of June-2020)

Client Details			Sample Details	
		RAIPUR CEMENT PLANT	Sample Code	GCI/V/20/F2/AA1
Name	(A Unit of SI	nree Cement Ltd)	Location	Nr. Bharuadih
	Village -Kh	apradih, Tehsil – Simga, Dist:	Quantity	N/A
Address	Baloda Baz	ar-Bhatapara,	Instrument	RDS, FPS, Bladder
	Chhattisga	rh-493332	Sampling duration	24 Hrs.
6		N 4 - N 2 1 1 - 1 - 1	Date of Sampling	10/06/2020
Sampling Don	еву	Mr. Vikram	Date of Sample	10/0//0000
Analysis Starte	d Date	12/06/2020	Receiving	12/06/2020
Analysis Comp	oletion Date	20/06/2020	Sampling Method	IS 5182: Part - 5: 1975

AMBIENT AIR QUALITY MONITORING RESULTS

Sr. No	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
L	Particulate Matter (PM10)	µg/m³	57.12	100	Gravimetric Method
2,	Particulate Matter (PM _{2.5})	µg/m³	32.6	60	Gravimetric Method
3.	Sulphur dioxide (SO ₂)	µg/m³	11.08	80	Improved West and Geake
4.	Nitrogen Dioxide (NO2)	µg/m³	10.23	80	Modified Jacob and Hoehheiser
5,	Carbon Monoxide CO	mg/m ³	0.51	2.0	Non Dispersive infra-red spectroscope
6.	Ozone as O ₃	µg/m³	<1.0	100	Chemical Method (By U.V Visible Spectrophotometer)
7.	Lead as Pb	µg/m³	< 0.05	1.0	By AAS method
8.	Nickel as Ni	ng/m³	<1.0	20	By AAS method
9.	Arsenic as As	ng/m³	<5.0	6.0	By AAS method
10.	Ammonia as NH ₃	µg/m³	<10	400	Indophenol Blue Method (By U.V Visible Spectrophotometer)
11.	Benzene , C ₆ H ₆	µg/m³	<0.5	5.0	Gas Chromatography
12.	Benzo (a) Pyrene	ng/m³	<0.05	1.0	Solvent extraction followed by GC

Remark: Results are within limit as per NAAQ\$ Guideline.

Authorized Signatory

Analysis is subject to the condition in Which the Sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA.

R & D

Tel.: +91 - 265 - 2371269 Cell: +91 93285 83835 Email: info@greencircleinc.com Website: www.greencircleinc.com





कार्यालय सहायक संचालक, नगर तथा ग्राम निवेश, वलौदाबाजार TELASSTI. DIE DOTOR, TOWN & COUNTRY FLANKING BALODADAZAR (*

 संयुक्त जिला कार्यालय भवन, प्रथम तल, कक्ष क्र. 93 बलीदाबाजार, जिला बलीदाबाजार-भाटापारा(छ.ग.)

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बलीदाबाजार, दिनांक / /2020

क्रमाक

/नियम-17 / एल-01 / नग्रानि / 2020,

प्रति.

श्री रायपुर सीमेंट प्लांट, (ईकाई श्री सीमेंट लिमिटेड) खपराडीह, तहसील सिमगा. जिला बलौदाबाजार–भाटापारा (छ.ग.) विकास अनुज्ञा बाबत।

संदर्भ :--

आपका आवेदन दिनांक 15.07.2020।

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उपरोक्त संदर्भित आवेदन पत्र में यथावर्णित मूमि आवेदक/संस्था श्री रायपुर सीमेंट प्लांट, (ईकाई श्री सीमेंट लिमिटेड), खपराडीह, तहसील सिमगा, जिला बलौदाबाजार-भाटापारा (छ.ग.) के ग्राम भरूवाडीह, प.ह.नं. 13, तहसील सिमगा, जिल बलौदाबाजार—भाटापारा स्थित भूमि खसरा नं. 82/1, 82/2, 83, 91, 84/1, 84/4, 84/2, 84/3, 84/5, 84/6, 85/1 114/1, 85/2, 114/2, 86/2/क, 94/1/ख, 86/2ख, 86/3, 88/2, 90/3, 87/2क, 87/2क/2, 87/2क/3, 87 / 2ख, 87 / 2ग, 87 / 2छ, 88 / 1, 132, 90 / 1, 90 / 4 + 93 / 2, 92, 94 / 1, 94 / 1क, 94 / 2, 90 / 2 + 93 / 1, (97 / 8 + 97/12)/ग, 95/3, 126, 96, (97/11 + 97/15)/ख, (97/12 + 97/14)/ख/2, 97/5झ + 97/22, 97/2क + 97/6, (97/3 + 97/4)/1, 97/10 + 97/18, (97/11 + 97/15)/क, 97/5 + 97/22/ग, 97/7 + 97/21, 97/12年, 97/13年, (97/5 + 97/22)/祖, 97/8 + 97/20, 97/1 + 97/17, 97/2년, 97/9年 + 97/19, (97/9 + 97/19)/2, 116/2, 98/4, 112/17年, 115/1, 117, 125/2, 89, 87/4, 87/5, 95/1, 95/2, 95/4, 95/5, 116/1, 116/3 क्रमशः रकबा 0.370, 0.370, 0.178, 0.036, 0.105, 0.101, 0.097, 0.035, 0.036, 0.070, 0.217, 0.396, 0.216, 0.526, 0. 405, 0.065; 0.202, 0.174, 0.134; 0.129, 0.047, 0.200, 0.243, 0.121, 0.332, 0.133, 0.134, 0.348, 0.607, 0.202, 0.020, 0.121, 0.181, 0.288, 0.202, 0.324, 0.121, 0.190, 0.138, 0.198, 0.194, 0.603, 1.528, 0.272, 0.316, 0.284, 0.093, 0.506, 0.421, 0.283, 0.291, 0.263, 0.526, 0.081, 0.133, 0.256, 0.328, 0.511, 0.137, 0.129, 0.384, 0.187, 0.099, 0.340, 0.579, 0.215, 0.077, 0.101, 0.129, 0.963, 0.664, 0.462, 0.202, 0.162, 0.081, 0.587, 0.120 है. कुल खसरा 77 कुल रकवा 20.419 हे. पर आवासीय (स्टाफ क्वार्टर) प्रयोजनार्थ विकास को क्रियान्वयित करने की अनुज्ञा छ.ग. भूमि विकास नियम, 1984 के नियम 27 के तहत निम्नलिखित शर्तों के अध्याधीन रहते हुए प्रदाय किया जाता है :--

- (अ) यदि छ ग. भू-राजस्व संहिता, 1959 की धारा 172 के तहत भूमि का भू-व्यपवर्तन कराना आवश्यक हो, तो संबंधित विभाग से व्यपवर्तन कराया जावे।
 - (ब) छ.ग. नगर पालिक अधिनियम / छ.ग. ग्राम पंचायत अधिनियम के तहत कोई अनुमति / अनुज्ञा प्राप्त-करना हो, तो ऐसी अनुमति प्राप्त करना पूर्णतः अनिवार्य होगा।
- यह अनुज़ा इस आधार पर दी जाती है कि आवेदित भूमि आवेदक/संस्था के पूर्ण स्वामित्व एवं आधिपत्य में है। स्वामित्व संबंधी विवाद के लिए आवेदक/संस्था स्वयं जिम्मेदार होगा। सारमूतं तथ्य के संबंध में कोई जानकारी असत्य पाये जाने पर यह अनुज्ञा स्वमेव निरस्त मानी जावेगी, जिसकी समस्त जवाबदारी आवेदक/संस्था की होगी।
- किसी भी स्थिति में विकास अनुज्ञा के विरुद्ध कोई विकास/निर्माण न किया जावें। 3.
- कार्यालय कार्यपालन अभियंता, ग्रामिण विकास संभाग, छ.ग. ग्रामीण सङ्क अभिकरण, जिला बलौदाबाजार— भाटापारा (छ.ग.) के पत्र क्रमांक 816 / ग्राविसं / तक. / 2020, बलौदाबाजार, दिनांक 19.08.2020 के अनुसार आवेदित भूमि के सम्मुख मार्ग की चौड़ाई 24.00 मीटर है। अतः मार्ग मध्य से 12.00 मी. छोड़कर भूष्ट्रि की सीमा रेखा मानी जावे।

क्रमशः २ पर



- 5. सीमांकन में किसी भी प्रकार का परिवर्तन अथवा माप में परिवर्तन हो, तो सीमांकित मानचित्र/अभिन्यास इस कार्यालय से सत्यापित कराया जाना आवश्यक होगा।
- 6. भू-तल कवरेज एरिया मानचित्रानुसार होगा।
- 7. फर्शी क्षेत्र अनुपात 1.25 से अधिक नहीं होगा।
- 8. छ.ग. भूमि विकास नियम, 1984 के नियम 64 के प्रावधानों के अनुसार प्रति 100 वर्गमीटर में एक वृक्ष की दर से वृक्षारोपण किया जाना अनिवार्य होगा ।
- 9. भवन निर्माण की अनुमति संबंधित कार्यालय से प्राप्त करने के पश्चात ही भवन निर्माण कार्य किया जाना होगा.।
- 10. छ.ग. भूमि विकास नियम, 1984 (संशोधन, 2000) के नियम 78 (4) के प्रावधान के अनुसार रैन वाटर हार्वेस्टिंग की व्यवस्था करना आवश्यक होगा ।
- 11. मानचित्र में किसी भी प्रकार का परिवर्तन/संशोधन मान्य नहीं होगा।
- 12. शासन के निर्देशानुसार निर्माण कार्य हेतु 25 प्रतिशत पलाई ऐश ब्रिक्स का प्रयोग किया जावे तथा निर्माण कार्य में पलाई ऐश बेस्ड जैसे सीमेंट या कांक्रीट फ्लाई ऐश ब्रिक्स या ब्लॉक्स या टाईल्स या क्ले फ्लाई ऐश ब्रिक्स, ब्लॉक्स या टाईल्स या सीमेंट फ्लाई ऐश ब्रिक्स या ब्लॉक्स या समान उत्पाद का उपयोग निर्माण कार्य में किया जावें।
- 13. इस अनुज्ञा का यह आशय नहीं है कि प्रश्नाधीन भूमि शासकीय या अर्द्धशासकीय विभागों से प्राप्त की जाने वाली अनुमितयों से मुक्त है अर्थात् यदि किसी प्रकार की अनुमित प्राप्त करना हो, तो ऐसी अनिवार्यता इस अनुज्ञा से प्रमावित नहीं होगी।
- 14. निजी भूमि स्वांमित्व के बाहर किसी भी प्रकार का अतिक्रमण न किया जावे।
- 15. भूमि स्वामी द्वारा शासकीय भूमि जैसे धरसा, सड़क, सार्वजनिक स्थल, खुला क्षेत्र, पार्क एवं निजी भूमि होने पर अतिक्रमण न किया जावे एवं अन्य उपयोग में नहीं लिया जावे। ऐसी स्थिति में विकास अनुज्ञा स्वयं निरस्त मानी जावेगी।
- 16. छ.ग. नगर तथा ग्राम निवेश (संशोधन) अधिनियम, 2010 की धारा—33 में विहित प्रावधानों के अनुसार यह अनुज्ञा स्वीकृती दिनांक से 01 वर्ष तक प्रभावशील रहेगी। निर्धारित कालाविध में विकास/निर्माण कार्य पूर्ण न होने पर इस अनुज्ञा को वर्षानुवर्ष विधिमान्य कराना होगा, जिसकी कुल अविध प्रथम अनुज्ञा दिनांक से अधिकतम 05 पांच वर्षों तक हो सकेगी।
- 17. जनापत्ति / न्यायालयीन विवाद की स्थिति में यह अनुज्ञा स्वमेव निरस्त मानी जावेगी।
- 18. इसे किसी भी दशा में भू-स्वामित्व अमिलेख न माना जावे।
- 19. पूर्व में आवेदित भूमि पर किसी आदिवासी का स्वामित्व पाये जाने एवं भू—राजस्व संहिता, 1959 की धारा 165(6) का उल्लंघन पाये जाने पर यह अनुज्ञा स्वमेव निरस्त मानी जावेगी।
- 20. 1. भूखण्ड में किसी भी प्रकार के भवन निर्माण/पुनर्निर्माण/भवन को गिराने के दौरान पर्यावरण संरक्षण एवं जनसुरक्षा तथा स्वास्थ्य के दृष्टिकोण से प्रदुषण की रोकथाम हेतु निर्माणाधीन भवन के चारों ओर धूल अवरोधक लगाया जाना आवश्यक होगा। जिसमें निम्नलिखित सम्मलित होगी स्थल की आवश्यकता अनुसार क्लोज 2. भूमि स्वामी द्वारा अपने उत्तर दायित्वों अथवा कर्तव्यों का पालन नहीं किये जाने की दशा में छत्तीसगढ़ भूमि विकास नियम 1984 के नियम 31 (3) के अनुसार कार्यवाही की जावेगी।
- 21. यह अनुज्ञा राजरव विभाग के सीमांकन प्रतिवेदन, आवेदक/संस्था के द्वारा प्रस्तुत प्रश्नाधीन भूमि की स्थितिं को बतलाये अनुसार स्थल निरीक्षण एवं राजस्य निरीक्षक का चौहद्दी रिपोर्ट के आधार पर दी जा रही है। किसी भी प्रकार की भिन्नता पाये जाने पर आवेदक/संस्था स्वयं जिम्मेदार होगा। उसके लिए इस विभाग की कोई जवाबदारी नहीं होगी तथा प्रदाय की गई विकास अनुज्ञा स्वमेव निरस्त मानी जावेगी।
- 22. आवासीय परिसर/टाऊनशीप/उद्योग/व्यावसायिक काम्प्लेक्स इत्यादि में उक्त परिसर से उत्पन्न होने वाले दूषित जल उपचार हेतु सीवरेज ट्रीटमेंट प्लांट (STP) की स्थापना एवं नियमानुसार पर्यावरण संरक्षण मंडल से अनुमित प्राप्त किया जाना आवश्यक होगा।
- 23. छ.ग. शासन/संचालनालय/इस कार्यालय द्वारा समय-समय पर जारी आदेशों/निर्देशों का पूर्णने करन आवेदक/संस्था के लिए बाध्यकारी होगा।

- 24. **छ.**ग. भूमि विकारा नियम, 1984 के नियम (ख) के अनुसार तथा शासन/संचालनालय, नगर तथा ग्राम निवेश के द्वारा जारी दिशा निर्देशों के अनुसार सौर ऊर्जा का स्थापना करना अनिवार्य है।
- 25. खिनज अधिनियम / नियम के समस्त नियमों का पालन करते हुए निर्माण कार्य किया जावे।
- 26. राज्य स्तर पर्यावरण समाघात निर्धारण प्राधिकरण (छ.ग.) भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन, मंत्रालय के पत्र क्रमॉक / 1218 / एस.ई.आई.ए.ए.छ.ग. / रेसिडेशियल प्रोजेक्ट / ब.बा. / 2147, नया रायपुर, दिनांक 22.12.2016 का पालन सुनिश्चित करना अनिवार्य होगा।
- 27. भारत सरकार, श्रम एवं रोजगार मंत्रालय, खान सुरक्षा महानिदेशालय, बिलासपुर क्षेत्र, बहतराई रोड, बिलासपुर छ.ग. के पत्र क्रमांक 1254, बिलासपुर, दिनांक 27.05.2020 के अनुसार जोन क्रमांक 03 एवं 04 जो कि डेंजर जोन के अंतर्गत है। अतः स्टाफ क्वार्टर एवं जोन क्रमांक 03 एवं 04 के मध्य 300 मी. तक किसी प्रकार का उत्खनन या अन्य कार्य पूर्णतः प्रतिबंधित रहेगी।
- 28. अनुज्ञा की शर्तों का उल्लंघन होने अथवा किसी असत्य जानकारी अथवा भू—स्वामित्व के विवाद की स्थिति में इस भूमि पर प्रदत्त विकास अनुज्ञा छ ग. भूमि विकास नियम, 1984 के नियम 25 के तहत् प्रतिसंहृत की जा सकेगी।

संलग्न :- मानचित्र 01 प्रति।

सहायक संचालक नगर तथा ग्राम निवेश बलौदाबाजार (छं.ग.)

पृ. क्रमांक **। | 65** / नियम—17 / एल—01 / नग्रानि / 2020, प्रतिलिपि :-

बलोदाबाजार, दिनांक 07/10/2020

संचालक, नगर तथा ग्राम निवेश, (छ.ग.), नवा रायपुर अटल नगर की ओर कृपया सूचनार्थ।

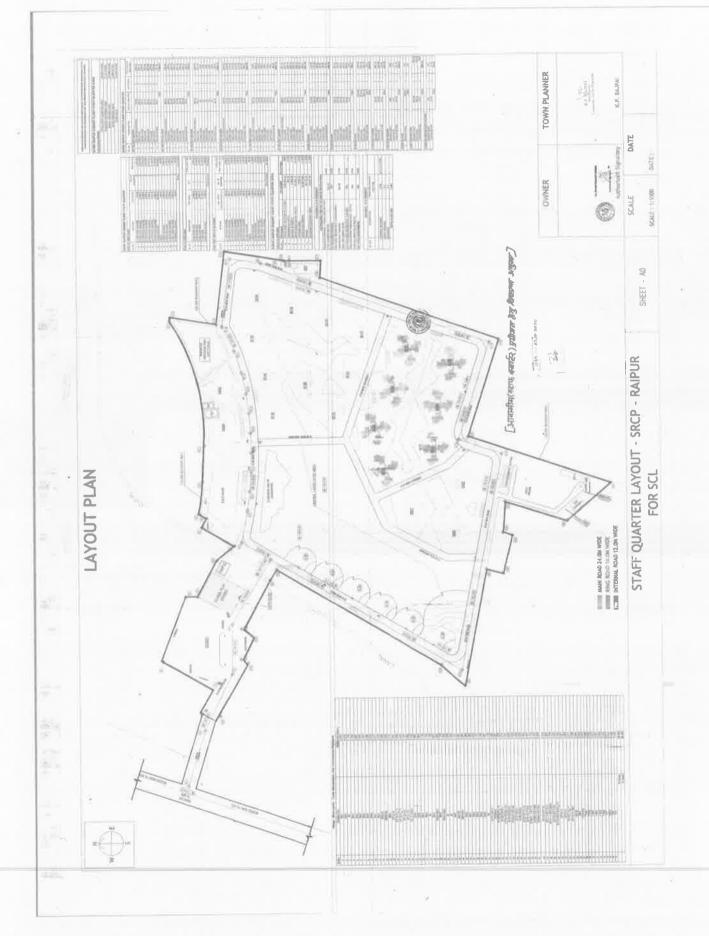
अनुविभागीय अधिकारी (रा.), सिमगा, जिला बलौदाबाजार—भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।

3. कार्यपालन अभियंता, छ.ग. राज्य विद्युत मंडल, भाटापास, जिला बलीदाबाजार—भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।

4. जिला पंजीयक, जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।

5 सरपंच, ग्राम पंचायत, भरूवाडीह, जिला बलौदाबाजार—भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।

सहायक जीलक नगर तथा ग्राम निवेश बलौदाबाजार (छ.ग.)



Rain Water harvesting pond at Colony Capacity - 20,000 KL



SRCP Colony Shree Raipur Cement Plant (A Unit of Shree Cement Ltd) **Ambient Noise level at Colony Boundary**

Prescribed Limit - Day Time - 55 dB(A), Night Time - 45 dB(A)

S No.	Location	Near Color	ny main gate	Near Pu	mp house	Near C1 ty	pe Building
S.No.	Month	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
1	Арг-20	48	38	42	30	44	32
2	May-20	46	37	40	28	42	31
3	Jun-20	47	35	43	31	45	30
4	Jul-20	49	37	44	32	43	31
5	Aug-20	45	34	41	30	46	35
6	Sep-20	46	36	43	32	47	34



Shree Raipur Cement Plant (A Unit of Shree Cement Ltd)

GROUND WATER LEVEL MONITORING REPORT (April-2020 to September-2020)

S.No.	Month	Piezometer- 1 AWLR- Near Old Mines Gate Level (M)	Piezometer- 2 AWLR- Near Khapradih Gate (M)	Piezometer-3 AWLR-Near AAQMS-2 (Semradih Village) (M)	7	Piezometer-5 AWLR-Near Crusher -1 (M)	Piezometer-6 AWLR-Near AAQMS-4 (Khapradih Village) (M)
1	Apr-20	12.69	17.04	19.10	10.53	14.00	28.19
2	May-20	12.42	17.20	19.82	10.85	13.45	26.20
3	Jun-20	10.25	15.25	16.35	11.20	11.73	23.96
4	Jul-20	1.97	5.47	15.80	9.54	5.63	14.35
5	Aug-20	1.18	4.30	4.63	8.32	5.16	12.24
6	Sep-20	0.79	2.22	1.36	8.41	5.01	8.49





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(No. Q - 1508 / 32 / 2007 - CPW)
(ISO 9001, 14001 & OHSAS 18001 Certified Organisation)

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Report No:-GCI/V/LAB/EM-G0121/19-SP/19-20/MAY-00/0096

Date: 29/05/2020

ANALYSIS REPORT

(For the Month of May- 2020)

Client deta	ills		Sample Details	
Name	M/s. SHREE RAIPU (A Unit of Shree	JR CEMENT PLANT Cement Ltd)	Sample Code	GCI/V/20/E4/DW7
Address	Baloda Bazar-Bh	dih, Tehsil – Simga, Dist: atapara, Chhattisgarh-	Batch/Location	Near Gram panchayat Bharuadih Village
	493332		Date of Sampling	20/05/2020
Sampling D		Pragnesh	Date of Sample	
Analysis \$te		22/05/2020	Received	22/05/2020
Analysis Co	ompletion Date	29/05/2020	Sampling Method	APHA 1060

GROUND WATER ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Permissible Limits as per IS 10500:2012 for Drinking Water	Reference Method
1	Color	Hazen	<5	15	APHA 2120
2	Odour	-	Agreeable	Agreeable	APHA 2150
3	Turbidity	NTU	<1	5	APHA 2130
4	Taste	*	Agreeable	Agreeable	APHA 2160
5	pH		7.74	6.5-8.5	APHA 4500
6	Total Hardness as CaCO ₃	mg/L	167	600	APHA 2340 C
7	Iron as Fe	mg/L	0.03	0.3	APHA 3111 - B
8	Chloride as CI	mg/L	95.2	1000	APHA 4500 - CI-
9	Residual Chlorine	mg/L	<0.5	I	APHA 4500 - CI
10	Fluoride as F	mg/L	<0.5	1,5	APHA 4500 - F D
11	Total Dissolved Solids	mg/L	504	2000	APHA 2540 C
12	Calcium	mg/L	85.4	200	APHA 3500 Ca- B
13	Magnesium	mg/L	47.1	100	APHA 3500 -Mg- B
14	Copper	mg/L	<0.2	1.5	APHA 3111 – B
15	Alkalinity	mg/L	95.5	600	APHA 2320
16	Ammonia Total	mg/L	ND	0.5	APHA 4500 - NH3
17	Nitrates	mg/L	4.19	45	APHA4500 NO3 B

ND: Note Delected

Remarks: All above parameters are within limit as per IS 10500:2012 drinking water Specification.

Authorized Signatory

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.

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Report No:-GCI/V/LAB/EM-G0121/19-SP/19-20/MAY-00/0096

Date: 29/05/2020

ANALYSIS REPORT

(For the Month of May-2020)

Client details			Sample Details	-	
Name	(A Unit of Shree Cement Ltd) Village -Khapradih, Tehsil - Simga, Dist: Baloda Bazar-Bhatapara,		Sample Code	GCI/V/20/E4/DW7	
Address			Batch/Location	Near Gram panchayat Bharuadih Village	
		arh-493332	Date of Sampling	20/05/2020	
Sampling Do		Pragnesh	Date of Sample	20/00/2020	
Analysis Started Date		22/05/2020	Received	22/05/2020	
Analysis Completion Date		29/05/2020	Sampling Method	APHA 1060	

GROUND WATER ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Permissible Limits as per IS 10500:2012 for Drinking Water	Reference Method
18	Mercury	mg/L	ND	0.001	APHA 3112 - B
19	Total Chromium	mg/L	ND	2	APHA 3500 - B
20	Barium	mg/L	ND	0.7	APHA 3500 - Ba
21	Zinc	mg/L	<0.1	15	APHA 3111 – B
22	Arsenic	mg/L	ND	0.05	APHA 3500-As
23	Cadmium	mg/L	<0.002	0.003	APHA 3111 – B
24	Aluminum	mg/L	<0.1	0.2	APHA 3500 - AI - B
25	Selenium	mg/L	ND	0.01	APHA 3500 - Sn
26	Silver	mg/L	ND	0.1	APHA 3500 – Ag
27	Lead	mg/L	ND	0.01	APHA 3111 – B
28	Nickle	mg/L	ND	0.02	APHA 3111 - B
29	Boron	mg/L	<0.1	1,0	APHA 3500 - B
30	Manganese	mg/L	<0.01	0.3	APHA 3111 – B
31	Chloramines	mg/L	ND	4	APHA 4500- CIQ2 -
32	Sulphates	mg/L	1,9	400	APHA 4500 SO4 - E
33	Sulphide	mg/L	ND	0.05	APHA 4500 S2
34	Molybdenum	mg/L	ND	0.07	APHA 3500- Mo
35	Phenolic Compound	mg/L	<0.001	0.002	APHA 5530
36	E-Colí	MPN/100 ml	ND	Absent	APHA 9221 F
37	Mineral Oil	mg/L	ND	0.5	APHA 5520
38	Anionic Detergent as MBAS	mg/L	<0.1	1.0	APHA 5540 - C

Limit, ND: Not detected

All above parameters are within limit as per IS 10500:2012 drinking water Specification.

Authorized Signatory

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.

Sample will be retained till one month from the date of sampling.



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(ISO 9001, 14001 & OHSAS 18001 Certified Organisation)

Report No:-GCI/V/LAB/EM-G0121/19-SP/19-20/AUGUST-00/0219

Date: 28/08/2020

ANALYSIS REPORT

(For the Month of August- 2020)

Client deta			Sample Details	
Name	M/s. SHREE RAIPU	M/s. SHREE RAIPUR CEMENT PLANT (A Unit of Shree Cement Ltd)		GCI/V/20/H4/DW7
Address Village - Khap		h. Tehsil - Simaa Diete	Batch/Location	
	Baloda Bazar-Bhatapara, Chhattisgarh-			Near Gram panchayat Bharuadih Village
Sampling Done By			Date of Sampling	19/08/2020
Analysis Started Date Analysis Completion Date		GCI Representative	Date of Sample Received	
		23/08/2020	ccived	23/08/2020
		28/08/2020	Sampling Method	APHA 1060

GROUND WATER ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Permissible Limits as per IS 10500:2012 for	Reference Method
1	Color	Hazen	<5	Drinking Water	
2	Odour	-	Agreeable	15	APHA 2120
3	Turbidity	NTU		Agreeable	APHA 2150
4	Taste	INIO	<1	5	APHA 2130
5	Hq		Agreeable	Agreeable	APHA 2160
6	Total Hardness as CaCO ₃	-	7.49	6.5-8.5	APHA 4500
7	Iron as Fe	mg/L	168	600	APHA 2340 C
8	Chloride as CI	mg/L	0.02	0.3	APHA 3111 - B
9	Residual Chlorine	mg/L	98.5	1000	APHA 4500 - CI-
10		mg/L	<0.5	1	APHA 4500 - CI
11	Fluoride as F	mg/L	<0.5	1.5	
	Total Dissolved Solids	mg/L	518	2000	APHA 4500 - F D
12	Calcium	mg/L	85.7	200	APHA 2540 C
13	Magnesium	mg/L	50.3		APHA 3500 -Ca- B
14	Copper	mg/L	<0.2	100	APHA 3500 -Mg- B
15	Alkalinity	mg/L	103.4	1.5	APHA 3111 - B
16	Ammonia Total	mg/L		600	APHA 2320
1 <i>7</i> ·	Nitrates		ND	0.5	APHA 4500 - NH3
NE	: Note Detected	mg/L	4.3	45	APHA4500 NO3 E

Remarks: All above parameters are within limit as per IS 10500:2012 drinking water Specification.

Analysis is subject to the condition in which the sample is received at our Laboratory.

Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission. Sample will be retained till one month from the date of sampling.

CORP. OFFICE & : Green Empire (Anupushpam), Above AXIS Bank, Nr. Yash Complex, Gotri Main Road, Vadodara - 390 021 (Gujarat), INDIA. Tel.: +91 - 265 - 2371269 Cell: +91 93285 83835 Email: info@greencircleinc.com Website: www.greencircleinc.com



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Report No:-GCI/V/LAB/EM-G0121/19-SP/19-20/AUGUST-00/0219

Date: 28/08/2020

ANALYSIS REPORT

(For the Month of August-2020)

Client details			Sample Details		
M/s. SHREE RAIPUR CEMENT PLANT (A Unit of Shree Cement Ltd) Address Village –Khapradih, Tehsil – Simga, Dist: Baloda Bazar-Bhatapara,		Sample Code	GCI/V/20/H4/DW7		
		Chapradih, Tehsil – Simga, da Bazar-Bhatapara,	Batch/Location	Near Gram panchayat Bharuadih Village 19/08/2020	
	Chhattisgarh-493332		Date of Sampling		
Sampling Done By		GCI REPRESENTATIVE	Date of Sample	1770072020	
Analysis Started Date		23/08/2020	Received	23/08/2020	
Analysis Completion Date		28/08/2020	Sampling Method	1.511.	
		20/00/2020	admining wethod	APHA 1060	

GROUND WATER ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Permissible Limits as per IS 10500:2012 for Drinking Water	
18	Mercury	mg/L	ND	0.001	APHA 3112 – B
19	Total Chromium	mg/L	ND	2	APHA 3500 - B
20	Barium	mg/L	ND	0.7	
21	Zinc	mg/L	<0.1	15	APHA 3500 - Ba
22	Arsenic	mg/L	ND	0.05	APHA 3111 – B
23	Cadmium	mg/L	<0.002	0.003	APHA 3500-As
24	Aluminum	mg/L	<0.1	0.003	APHA 3111 – B
25	Selenium	mg/L	ND ND	0.01	APHA 3500 - AI - B
26	Silver	mg/L	ND		APHA 3500 - Sn
27	Lead	mg/L	ND	0.1	APHA 3500 – Ag
28	Nickle			0.01	APHA 3111 – B
29	Boron	mg/L	ND	0.02	APHA 3111 - B
30	Manganese	mg/L	<0.1	1.0	APHA 3500 - B
31		mg/L	<0.01	0.3	APHA 3111 - B
	Chloramines	mg/L	ND	4	APHA 4500- CIO2 - D
32	Sulphates	mg/L	2.9	400	APHA 4500 SO4 – E
33	Sulphide	mg/L	ND	0.05	APHA 4500 S2
34	Molybdenum	mg/L	ND	0.07	APHA 3500-Mo
35	Phenolic Compound	mg/L	<0.001	0.002	APHA 5530
36	E-Coli	MPN/100 ml	ND	Absent	APHA 9221 F
37	Mineral Oil	mg/L	ND	0.5	APHA 5520
38 Limit	Anionic Detergent as MBAS ND: Not detected	mg/L	<0.1	1.0	APHA 5540 - C

Limit, ND: Not detected

All above parameters are within limit as per IS 10500:2012 drinking water Specification.

Analysis is subject to the condition in which the sample is received at our Laboratory. Reports cannot be used as evidence anywhere including judiciary purpose without our prior permits

Sample will be retained till one month from the date of sampling.

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हुए ग्राम प्रधाना निर्मा सहस्र रहे है। तोड़फोड़ की। पहले चंद्र कहा कि लोगों के मकान को तोड़ रिके साध छोटे-छोटे बच्चों व बहुना हटाने छोटे-छाट बच्चा व बहु हटाने साथ यात्री प्रतीक्षालय है। दोनों ली: चंदेरी के कांशीराम है। दोनों ने बताया कि हम 20 सा बरोध निवास कर रहे हैं। आठ किसान तोड़फोड़ कर घर को व किसान गया। बेघर हो गए है। लागों को चर्चों एवं बहु-बेटा को टिस नहीं प्रतीक्षालय में शरण लो भी नहीं वध्या एक न्यू प्रतीक्षालय में शरण लो भी नहीं पता नहीं हमारा क्या है के नेता पता नहा ए पता पास सिर छिपाने के लि कहा कि रही। छोटे-छोटे बच्ची कहा कि हम इस टंड में कहा की वात बात सुनने वाला कोई।

कोलले, ढेलूसम भूव बताया कि 30-40 आवक बताया कि 30-40 र आवक लोग यहां पर जिलात में गई है। सामनार की रात कार्य कांडेकेला हटाने की मुनादी की में कमा से पता बता कि मंगल खरीदी बंद बर-दुकान टूटेंगे। हमा भी आज में कोई मोटिस और विमा, जिससे मुआवजा नहीं मिला हो गई है। खंदेरी में बेघतों है कि जिन खाने-पीने, रोजी-पित जरुरत समस्या, दामारोजनों समर्थन समस्या, वामाखेडा समर्थन सहमें: चंदेरी सर्पालिए इधर-प्राप्त पंचायत को तो खरीदी केंद्र की कोई जानकारी हैमाल, खेरां, दी है। अज्ञानक हु भेजीपदर, से लोग बेचर एवं ब्रेखरीदी केंद्रों हैं। चंदेरी में लगभी 95 हजार कन्ने को हटाया गर्मी खरीदी हो

सतनामी, कृष्णा सतन्स...

चीक के होटल, दुकान का स्थाप के चलते किसानों का समय पर हुए ग्राम पंचायत चंदी पा रहे हैं। कारण किसानों को अपनी फसल की रखवाली करने रतज्ञमा करना पड़ रहा है। वहीं उपार्जन केंद्र प्रभारी धान की चोरी व स्खत की आशंका से चिंतित हैं।

प्रताड़ना से तंग होकर...

चौकी में धारा 306 के तहत मामला पंजीबद्ध कर नेवरा पुलिस को डायरी भेजी गई। उसी आधार पर नेवरा पुलिस ने मंगलवार को बेदराम वैष्णव, द्रौपती बाई और बेदराम के नाबालिय पुत्र को गिरतार कर न्यायालय में पेश किया। एसआई चैतराम साहू ने बताया कि कोर्ट से बेदराम और द्रौपती को जेल भेज दिया गया। जबकि नाबालिग आरोपी को बाल सुधार गृह भेज दिवा गवा।

दुर्गा प्रसाद तिवारी, सचिव, रात्रुहन दुवे, सह सचिव विश्वनाथ शर्मा, प्रचारक लब शर्मा एवं मुकेश दुवे कोपाध्यक्ष बनाए गए हैं। चैठक में रामेश्वर शर्मा, व्यासनारायण तिवारी, शिवनारायण तिवारी, अजय शर्मा, स्वराज तिवारी, विजय शर्मा, नर्मदा प्रसाद पांडेय आदि लोग उपस्थित थे।

पैरामेडिकल कोर्स हेत्

:: प्रवेश प्रारंभ :: अकेन ही अपने हिं 25/12/2016 छ.ग. शासन से मान्यता प्राप्त एक वर्षीय कौर्स

· Pathology • O.T. Tech. - १ वर्षीय

· X-Ray Tech. - 1 वर्शय • Ortho & Dresser - 1 वर्गीय

. E.C.G. & I.C.C.U. - 1 वर्षीय ए.म. ऐसमेडिकत कार्तिस्त में प्रजीवन हेतु सम

पता : वी.वाय. मानस हॉस्पिटल एण्ड इन्स्टिट्युट ऑफ मेडिकल साईस, कसडोल (छ.ग.)

यो.नं. : 9827484168, 9827889771

मेसर्स श्री सीमेन्ट लिमिटेड

(बी रायपुर सीमेंट प्लांट)

गांच-व्यपराहीह, तहसील-सिमगा, जिला-बलीवा वाजार-माटापारा (छतीरामक)

सार्वजनिक सूचना

सर्वे साधारण को सूचित किया जाता है कि मेसले ही सीमेन्ट विभिन्टेट (भी सावपुर सीमेंट प्लाट) को एसआस्त्रीमी कालोजी (राजवेशियत प्रोजवट) कुल क्षेत्रफल 220654 वर्गमीटर (२२ ०८५ हेवटेयर) तथा बिल्टकाप एरिया ११०११। वर्गमीटर जो जांव - मरंजागीह, जिल्हा कार्यादाबाजार -आटामारा, अतीरमाह में स्थापित क्रिया जा रहा है। को राज्य स्तार पर्यावरण रामाधात निर्धारण प्रातिकारण प्रतीसमङ्, भारत सरकार के प्रवीवरण, वन एवं जानवायु परिवर्तन मंत्रानय क्षारी पर्यावरणीय स्वीकृति पत्र क्षणीक — 1216/एस.ई.शाई ए.ए. छ न /वेशिवीवियन प्रोजेक्ट/व.भा./२१४७ मधा राजपुर विनोक २२ विसम्बर २०१० के ह्रारा

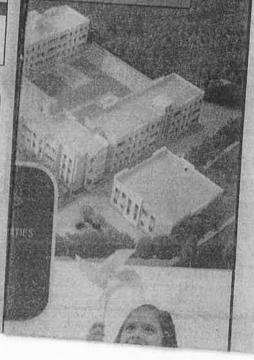
पर्यापरण स्वीकृति एस की प्रतिशिपि ततीसगढ़ पर्यावस्य संस्थण भगवत स्वापूर पर उपालाय है तथा प्रयास्त्रण यन एवं जलमानु परिवर्तक मंत्रालय भारत संस्कार की वेस साहर www.selaacg.org एवं श्री शीमेंटर की मेच माइट www.shreecementitd.in पर क्

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पाव-त्यवराडीह, तहसील-लिममा (अला-नलीया बाजार-भारापार (क्सीतन्दर)

सार्वजनिक सूचना

र्धा कथारण को सुनित किया जाता है कि मेसरों भी शीमेंग्ट निमिटेंड (भी सामपुर सीमेंग्ट क्षां) के स्वाग्रहाची करियोर्क (वित्तानिक वालीक) कुन कारकार 220854 जामीत (\$2 005 kerga) an Bresh vila storm a bles at one - Routh, San विवास कार - महरू करा, असीलगढ़ में स्थारीत (किया जो रहा है। को साम्य रेट्स प्रकृषिक ामध्यात निर्धारम, प्राधिकाण प्राधिकार, भारत सरकार के प्रधीकाण, तान एवं उत्तरात स्वीतिकीत मेनान्य द्वारा प्रवीतिकीत स्थितिक प्रधीतिकीत प्रधीतिकीत स्थापिक स्थितिक स्थापिक स्थितिक स्थापिक स्था

भारत्वरण स्वीकृति पत्र की प्रतिनिर्धि क्लीसम्बर्ध पर्वावरण संस्थान मणंटा, रावपुर पर उपन्यक्त है तका वर्षावरण पन एवं अल्याम् परिवर्तन मेत्रानस भारत रूरवार की तेव साह www.seleacg.org as all affine all he area www.shreecementitd.in ma

हरिभूमि समाचार पत्र की रांपाटन (राजिस) में सब एजेंसी देनी है। समाचार, विज्ञापन एवं खबरों के लिए अच्छा कार्य करने में सक्षम व्यक्ति, हे सुरक्षा राशि के साथ तत्काल सम्पर्क हरिभान

कार्यालय, नयापारा, राजिम (छ.ग.) मो. नं. 9826296050, 7987124123 ाजा दशवात्र

साथ सूचित करना पड़ रहा है कि मेरे पुज्य पति

म दिनांक 19/12/2016 सोमवार को हो गया। गरिवार पधारकर मृतात्मा को गांति प्रदान करें।

कार्यक्रम

28.12.2016, दिन- बुधवार निवास, ग्राम पीपरछेड़ी (राजिम)

कार्यक्रम-दोधन्य १२ बने स

१, उमेशर, धदुम, विनोद, रण, रूपेश, मुरली, दुर्गेश, ल एवं समस्त साह् परिवार औमती सुखमत बाई साहू (पत्नी) खम्मन लाल साहू (पुत्र) कमलनारायण साहू (पुत्र) मो. 9926830315

जिस किसी सळान को शवे इसे ही आमंत्रण समझे।

व दकान

क्षिक पृष्ठ प्रिप्तक प्रामाक कि अधिको ३८ । (तीमर्वाक) चांग

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the Webli File habber of the भारत होता है। ताला मार्थ के बेल लाइकर जे जाने वालो भारी हिए के हि काला 13 कि विका छिठार हिमानाय के के कि उनका तथा