



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/2021-22/25

Date: 24/05/2021

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 October-2020 to March-2021 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 **October-2020 to March-2021.**

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 October-2020 to March-2021.

Cc to:-

1. Deputy Director General of Forests (C), Integrated Regional Office, Aranya Bhawan, North Block, Sector-19, Naya Raipur, Atal Nagar, Chhattisgarh.
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, Kablr Nagar, Raipur (C.G.) – 492099.

SRCP Colony Environment Compliance Status report

Period from October-2020 to March-2021

Name of Project:	SRCP Colony Shree Raipur Cement Plant (A unit of Shree Cement Ltd)
Capacity & Location:	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).
EC letter No.:	1218/S.E.I.A.A. CG/Residential Project/BB/2147 Naya Raipur dated 22/12/ 2016

Sr.No	Conditions	Compliance
I	<u>Construction Phage</u>	
	Facility of Labourers during construction	
i)	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.
ii)	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.
iii)	Water usage during construction shall be optimized to avoid any wastage.	Water usage during construction is being optimized to avoid any wastage.
iv)	Adequate safety measures shall be adopted to the construction workers.	Adequate safety measures has been adopted.
v)	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 Aid room shall be provided in the project both	Complying with. OHC Centre for medical facilities is available and First Aid facility have also been provided at SRCP Colony.

	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.	Complying with.
	<u>Environmental Management During Construction :-</u>	
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 Demolition, asbestos and other wastes generated from the construction 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 of Vehicles/equipment's deployed during construction phase 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 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 shall be strictly prohibited. To reduce noise level, the roads shall be designed to have more rows of plantation.	Complying with. The protective equipment's such as earplugs etc. has been provided to construction personnel exposed to high noise levels

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.	Regular supervision being done to avoid disturbances to the surroundings.
	<u>Selection of Materials for Better Energy Efficiency :-</u>	
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 complied 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 topsoil kept separately. Fly ash/ pond ash shall be used for low – lying areas filling. In	Complying with. Fly ash bricks being used for construction purpose.

	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 air-conditioning. 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 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. Photograph of the same is attached as Photo no. 1 .
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.	Being followed.
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.	Complying with
	<u>Water Body Conservation :-</u>	
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.
	<u>Water Supply :-</u>	
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)	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.
	<u>Greening Programme :-</u>	
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 which remain leafless for long time shall be avoided.	Plantation along the side of the roads and in the open spaces being developed. Photographs of the same is attached as Photo no. 2.
	<u>Sewage Management:-</u>	
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.
	<u>Rain Water Harvesting Scheme:-</u>	
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 Photo no. 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 of 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.
	<u>Others:-</u>	
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.	<u>Operation Phase</u>	
	<u>Sewage treatment plant :-</u>	
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. Annexure of water quality is attached as Annexure-3 .

	<u>Municipal Solid Waste/Other Wastes :-</u>	
i)	Three-chambered container or three bins (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 bins (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, Handling, 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.	<p>We have developed Solid Wastes Segregation, Collection, Handling, Transportation and Disposal system. Organic waste is converted into compost and used as manure in green belt development.</p> <p>The sludge generated from Sewage Treatment Plant (after drying) is being used as manure for gardening purpose.</p> <p>Dry solid waste and recycling of all recyclable wastes are segregated, collected and transported as per the solid waste management rules, 2016</p>
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 if 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.
	<u>Others:</u>	
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 bins (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 .
	<u>PART B – GENERAL CONDITIONS :-</u>	
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.	Complying with.
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.	Noted.
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.	Agreed.
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.	Agreed.
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 amend 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.	Agreed.
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 concerned within seven days from the date of	Advertised in two local newspapers: Dainik Bhaskar & Hari Bhumi widely circulated in the region around the project on 28.12.16 Copy of newspapers cutting enclosed as Annexure-7

	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



GREEN CIRCLE, INC.

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 & NABL / ISO / IEC 17025 Certified Organisation)

Report No:-GCI/V/LAB/EM-G0121/19-SP/19-20/November-00/0342

Date: 13/11/2020

ANALYSIS REPORT

(For the Month of November-2020)

Client Details		Sample Details	
Name	M/s. SHREE RAIPUR CEMENT PLANT (A Unit of Shree Cement Ltd)	Sample Code	GCI/V/20/K1/AA1
Address	Village -Khapradih, Tehsil - Simga, Dist: Baloda Bazar-Bhatapara, Chhattisgarh-493332	Location	Nr. Bharuadih
Sampling Done By	Mr. Ashvin & Dhruv	Quantity	N/A
Analysis Started Date	07/11/2020	Instrument	RDS, FPS, Bladder
Analysis Completion Date	13/11/2020	Sampling duration	24 Hrs.
		Date of Sampling	05/11/2020
		Date of Sample Receiving	13/11/2020
		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
1.	Particulate Matter (PM ₁₀)	µg/m ³	59.17	100	Gravimetric Method
2.	Particulate Matter (PM _{2.5})	µg/m ³	29.52	60	Gravimetric Method
3.	Sulphur dioxide (SO ₂)	µg/m ³	8.26	80	Improved West and Geake
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	10.59	80	Modified Jacob and Hoehheiser
5.	Carbon Monoxide CO	mg/m ³	0.3	2.0	Non Dispersive infra-red spectroscope
6.	Ozone as O ₃	µg/m ³	<1.0	100	Chemical Method (By U.V Visible Spectrophotometer)
7.	Lead as Pb	µg/m ³	<0.05	1.0	By AAS method
8.	Nickel as Ni	ng/m ³	<1.0	20	By AAS method
9.	Arsenic as As	ng/m ³	<5.0	6.0	By AAS method
10.	Ammonia as NH ₃	µg/m ³	<10	400	Indophenol Blue Method (By U.V Visible Spectrophotometer)
11.	Benzene, C ₆ H ₆	µg/m ³	<0.5	5.0	Gas Chromatography
12.	Benzo (a) Pyrene	ng/m ³	<0.05	1.0	Solvent extraction followed by GC

Remark: Results are within limit as per NAAQS 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.



CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) and ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, CIN : U74999MP2020PTC052747

TEST REPORT

AMBIENT AIR QUALITY REPORT

Name & Address of the Customer To, M/s. SHREE RAIPUR CEMENT PLANT (A Unit of Shree Cement Ltd). Address:-Village -Khapradih, Tehsil - Simga, Dist: Baloda Bazar-Bhatapara, Chhattisgarh- 493332.	Test Report No.:- CES/LAB/20-21/300 Dispatch No.: 300 Issue Date : 23.03.2021 Client Ref: Nil Date : Nil
Method of test : IS: 5182 Part - 5: 1975	Sampling Details
Test required: As per work order	Sample Monitored : Ambient Air Quality
Sample Collected By:- Gatih Laboratories	Date of Sampling : 16.03.2021 to 17.03.2021
Instrument to be used: Eco Tech FDS	Date of Receipt : 19.03.2021
Page 1 of 2	Period of testing : 19.03.2021 to 23.03.2021
No. of Sampling Locations -04	Duration of sampling : 24 hrs

AMBIENT AIR QUALITY RESULTS

S. No.	Parameters	NAAQ Standards (Industrial area)	Near Bharuadih	Near Semaradih
1	Wind direction		W	W
2	Wind speed km/h		9	9
3	Relative Humidity %		47	47
4	Ambient Temp. (°C)		31	31
	Parameters		Pollutant Concentration	
1	Particulate matter (size less than 10µm) or PM ₁₀ -Part-23-2006 (µg/m ³)	100	56.52	69.45
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	27.76	26.74
3	Sulphur Di-Oxide (SO ₂) - Part-2 (µg/m ³)	80	14.13	12.17
4	Oxide of Nitrogen (NO ₂) - Part-4 (µg/m ³)	80	13.20	8.97
5	Carbon monoxide (CO) (mg/m ³)	2	<1.00	<1.00
6	Ozone as (O ₃) (µg/m ³)	180	<5.00	<5.00
7	Benzene as (C ₆ H ₆) (µg/m ³)	05	<0.05	<0.05
8	Ammonia as (NH ₃) (µg/m ³)	400	<5.00	<5.00
9	Lead as (Pb) (µg/m ³)	01	<0.05	<0.05
10	Arsenic as (As) (ng/m ³)	06	<0.05	<0.05
11	Nickel as (Ni) (ng/m ³)	20	<0.05	<0.05
12	Benzo(a)Pyrene as (BaP) (ng/m ³)	01	<0.01	<0.01

NAAQ- National Ambient Air Quality Standards CPCB Notification 18th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Authorized Signatory

#The Results relate only to the sample tested/ sampled

42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510

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Note:

- No statutory liability will be accepted for samples not collected by CES Analytical and Research Services (I) Pvt. Ltd.
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कार्यालय सहायक संचालक, नगर तथा ग्राम निवेश, बलौदाबाजार (छ.)
OFFICE OF THE ASST. DIRECTOR, TOWN & COUNTRY PLANNING, BALODABAZAR (C.G.)

पता - संयुक्त जिला कार्यालय भवन, प्रथम तल, कक्षा क्र. 93
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क्रमांक / नियम-17 / एल-01 / नगानि / 2020,

बलौदाबाजार, दिनांक / / 2020

प्रति,

श्री रायपुर सीमेंट प्लांट,
(ईकाई श्री सीमेंट लिमिटेड),
खपराडीह, तहसील सिमगा,
जिला बलौदाबाजार-भाटापारा (छ.ग.)

विषय :- विकास अनुज्ञा बाबत।

संदर्भ :- आपका आवेदन दिनांक 15.07.2020।

—00—

उपरोक्त संदर्भित आवेदन पत्र में यथावर्णित भूमि आवेदक/संस्था श्री रायपुर सीमेंट प्लांट, (ईकाई श्री सीमेंट लिमिटेड), खपराडीह, तहसील सिमगा, जिला बलौदाबाजार-भाटापारा (छ.ग.) के ग्राम भरुवाडीह, प.ह.नं. 13, तहसील सिमगा, जिला 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, 97/12क, 97/13क, (97/5 + 97/22)/ख, 97/8 + 97/20, 97/1 + 97/17, 97/2ख, 97/9क + 97/19, (97/9 + 97/19)/क/1, 97/13क + 98/1, 97/13क/1, (97/9क + 97/19)/2, (97/12 + 97/14)/क, 97/16, (97/9 + 97/19)/2, 116/2, 98/4, 112/17क, 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 रकबा 20.419 है। 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 :-

1. (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।
2. यह अनुज्ञा 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। सारभूत तथ्य के संबंध में कोई जानकारी असत्य पाये जाने पर यह अनुज्ञा स्वमेव निरस्त मानी जावेगी, जिसकी समस्त जवाबदारी आवेदक/संस्था की होगी।
3. किसी भी स्थिति में विकास अनुज्ञा के विरुद्ध कोई विकास/निर्माण न किया जावे।
4. कार्यालय कार्यपालन अभियंता, ग्रामिण विकास संभाग, छ.ग. ग्रामीण सड़क अभिकरण, जिला बलौदाबाजार-भाटापारा (छ.ग.) के पत्र क्रमांक 816/ग्राविस/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 भूमि की सीमा रेखा मानी जावे।

क्रमशः 2 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 हार्वैस्टिंग 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 फ्लाइ ऐश ब्रिक्स का प्रयोग किया जावे तथा निर्माण कार्य में फ्लाइ ऐश बेस्ड जैसे सीमेंट या कांक्रीट फ्लाइ ऐश ब्रिक्स या ब्लॉक्स या टाईल्स या क्ले फ्लाइ ऐश ब्रिक्स, ब्लॉक्स या टाईल्स या सीमेंट फ्लाइ ऐश ब्रिक्स या ब्लॉक्स या समान उत्पाद का उपयोग निर्माण कार्य में किया जावे।
13. इस अनुज्ञा का यह आशय नहीं है कि प्रश्नाधीन भूमि शासकीय या अर्द्धशासकीय विभागों से प्राप्त की जाने वाली अनुमतियों से मुक्त है अर्थात् यदि किसी प्रकार की अनुमति प्राप्त करना हो, तो ऐसी अनिवार्यता इस अनुज्ञा से प्रभावित नहीं होगी।
14. निजी भूमि स्वामित्व 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 कालावधि में विकास/निर्माण कार्य पूर्ण न होने पर इस अनुज्ञा को वर्षानुवर्ष विधिमान्य कराना होगा, जिसकी कुल अवधि 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 अभिलेख 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 सम्मिलित 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 राजस्व विभाग के सीमांकन प्रतिवेदन, आवेदक/संस्था के द्वारा प्रस्तुत प्रश्नाधीन भूमि की स्थिति को बतलाये अनुसार स्थल निरीक्षण एवं राजस्व 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 अनुमति प्राप्त किया जाना आवश्यक होगा।
23. छ.ग. शासन/संचालनालय/इस कार्यालय द्वारा समय-समय पर जारी आदेशों/निर्देशों का पालन करना आवेदक/संस्था के लिए बाध्यकारी होगा।

24. छ.ग. भूमि विकास 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. खनिज 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 क्रमांक/1218/एस.ई.आई.ए.ए.छ.ग./रेसिडेंशियल 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 तहत प्रतिसंहत की जा सकेगी।

संलग्न :- मानचित्र 01 प्रति।

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

पृ. क्रमांक 1165/नियम-17/एल-01/नग्रानि/2020,
प्रतिलिपि :-

बलौदाबाजार, दिनांक 07/10/2020

1. संचालक, नगर तथा ग्राम निवेश, (छ.ग.), नवा रायपुर अटल नगर की ओर कृपया सूचनार्थ।
2. अनुविभागीय अधिकारी (रा.), सिमगा, जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।
3. कार्यपालन अभियंता, छ.ग. राज्य विद्युत मंडल, ~~भाटापारा~~, जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।
4. जिला पंजीयक, जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।
5. सरपंच, ग्राम पंचायत, भरुवाडीह, जिला बलौदाबाजार-भाटापारा (छ.ग.) की ओर कृपया सूचनार्थ।

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



CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) and ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, CIN : U74999MP2020PTC052747

TEST REPORT

Name & Address of the Customer To, M/s. SHREE RAIPUR CEMENT PLANT (A Unit of M/s. Shree Cement Ltd), Village -Khapradih, Dist.: Baloda Bazar- Bhatapara, Raipur, Chattisgarh-493332.	Test Report No: CES/Lab/20-21/185 Dispatch No.: 185 Issue Date : 20.01.2021 Client Ref: Nil Date : Nil
Qty : 1 No. x 1 liter	Date of Collection : 13.01.2021
Method of test : APHA 23 rd edition	Date of Receipt : 16.01.2021
Packing :- Plastic bottle	Period of testing : 16.01.2021 to 20.01.2021
Sample Condition at receipt: Ok	Method of sampling : APHA 1060
Sample Discipline: Chemical Testing Sub Group: Waste Water	Sample tested as received : OK
Sample collected by: Gatih Consultancy	Page no. : 2 of 3

Sr. No	Test Parameters	Unit	Method No.	Prescribed Limits	(Result) STP-3 Outlet (SRCP Colony)
1	pH	-	4500 H+B	6.5 - 9.0	8.30
2	Total Suspended Solid	mg/lit	2540 D	100	32.00
3	COD	mg/lit	5220 B	250	80.00
4	BOD (3 day 27degree)	mg/lit	5210	30	14.00
5	Oil & Grease	mg/lit	5520 B	10	0.30
6	Fecal coliform (FC)	MPN/100 ml	9221F	<1000	<100

For CES Analytical and Research Services (I) Pvt. Ltd



#The Results relate only to the sample tested/Sampled

42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)
Telephone : 0755-4299319, Fax : 0755-4243510

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com



CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) and ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, CIN : U74999MP2020PTC052747

TEST REPORT

Name & Address of the Customer To, M/s. SHREE RAIPUR CEMENT PLANT (A Unit of M/s. Shree Cement Ltd), Village -Khapradih, Dist.: Baloda Bazar- Bhatapara, Chhattisgarh-493332.	Test Report No: CES/Lab/20-21/ 186 Dispatch No.: Issue Date : 20.02.2021
Qty : 1 No. x 1 liter	Date of Collection : 19.02.2021
Method of test : APHA 23 rd edition	Date of Receipt : 22.02.2021
Packing :- Plastic bottle	Period of testing : 22.02.2021 to 27.02.2021
Sample Condition at receipt: Ok	Method of sampling : APHA 1060
Sample Discipline: Chemical Testing Sub Group: Waste Water	Sample tested as received : OK
Sample collected by: Gatih Laboratories	Page no. : 3 of 3

Sr. No	Test Parameters	Unit	Method No.	Prescribed Limits	(Result) STP-1 Outlet (SRCP Colony)
1	pH	-	4500 H+B	6.5 - 9.0	8.20
2	Total Suspended Solid	mg/lit	2540 D	100	30.00
3	COD	mg/lit	5220 B	250	76.00
4	BOD (3 day 27degree)	mg/lit	5210	30	12.00
5	Oil & Grease	mg/lit	5520 B	10	2.00
6	Fecal coliform (FC)	MPN/100 ml	9221F	<1000	<100

For CES Analytical and Research Services (I) Pvt. Ltd

Authorized Signatory

#The Results relate only to the sample tested/Sampled

42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)
Telephone : 0755-4299319, Fax : 0755-4243510

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com. Websearch : www.creativeanalyzer.com



CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



Cert No.: TC-6872

TEST REPORT

Name & Address of the Customer To, M/s. SHREE RAIPUR CEMENT PLANT (A Unit of M/s. Shree Cement Ltd), Village - Khapradih, Dist.: Baloda Bazar- Bhatapara, Chhattisgarh-493332.	ULR No: TC6872210000000125 Dispatch No: <u>266</u> Issue Date : 29.03.2021 Client Ref: Nil Date : Nil
Qty : 1 No. x 1 liter	Date of Collection : 20.03.2021
Method of test : APHA 23 rd edition	Date of Receipt : 23.03.2021
Packing :- Plastic bottle	Period of testing : 23.03.2021 to 29.03.2021
Sample Condition at receipt: Ok	Method of sampling : IS:3025
Sample Discipline: Chemical Testing	Sample tested as received : OK
Sub Group: Waste Water	Page no. : 3 of 3
Sample collected by: Gatih Laboratories	

Sr. No	Test Parameters	Unit	Method No.	Prescribed Limits	(Result) STP-1 Outlet (SRCP Colony)
1	pH	-	4500 H+B	6.5 - 9.0	8.10
2	Total Suspended Solid	mg/lit	2540 D	100	46.00
3	COD	mg/lit	5220 B	250	60.00
4	BOD (3 day 27degree)	mg/lit	5210	30	4.00
5	Oil & Grease	mg/lit	5520 B	10	3.00

For CES Analytical and Research Services (I) Pvt. Ltd

Authorized Signatory

#The Results relate only to the sample tested/Sampled

NEELAM UPADHYAY
TECHNICAL MANAGER

42, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)
Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bnl@gmail.com, Websearch : www.cesanalytical.com

**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 Colony main gate		Near Pump house		Near C1 type Building	
	Month ↓	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
1	Oct-20	50	40	44	32	46	38
2	Nov-20	48	38	45	30	47	36
3	Dec-20	47	36	48	32	45	32
4	Jan-21	46	34	49	30	48	35
5	Feb-21	49	35	43	29	49	36
6	Mar-21	45	37	45	31	45	33

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

GROUND WATER LEVEL MONITORING REPORT (October-2020 to March-2021)

S.No.	Location → 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)	Piezometer-4 AWLR-Near AAQMS 3 (M)	Piezometer-5 AWLR-Near Crusher -1 (M)	Piezometer-6 AWLR-Near AAQMS-4 (Khapradih Village) (M)
1	Oct-20	1.85	10.62	2.45	6.34	6.56	9.42
2	Nov-20	4.94	11.25	4.68	8.74	9.21	13.65
3	Dec-20	8.54	13.63	7.52	9.42	11.01	18.44
4	Jan-21	11.32	15.71	10.98	8.92	12.74	25.73
5	Feb-21	13.06	17.55	14.67	8.11	13.99	30.66
6	Mar-21	15.09	18.19	16.96	7.48	15.46	35.78



GREEN CIRCLE, INC.

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 & NABL / ISO / IEC 17025 Certified Organisation)

Report No:-GCI/V/LAB/EM-G0121/19-SP/19-20/November-00/0342

Date: 13/11/2020

ANALYSIS REPORT

(For the Month of November-2020)

Client details		Sample Details	
Name	M/s. SHREE RAIPUR CEMENT PLANT (A Unit of Shree Cement Ltd)	Sample Code	GCI/V/20/K1/GW4
Address	Village -Khapradih, Tehsil - Simga, Dist: Baloda Bazar-Bhatapara, Chhattisgarh- 493332	Batch/Location	Near Gram panchayat Bharuadih Village
		Date of Sampling	05/11/2020
Sampling Done By	GCI Representative	Date of Sample Received	07/11/2020
Analysis Started Date	07/11/2020	Sampling Method	APHA 1060
Analysis Completion Date	13/11/2020		

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	-	7.24	6.5-8.5	APHA 4500
6	Total Hardness as CaCO ₃	mg/L	122	600	APHA 2340 C
7	Iron as Fe	mg/L	0.02	0.3	APHA 3111 - B
8	Chloride as Cl	mg/L	95.3	1000	APHA 4500 - Cl-
9	Residual Chlorine	mg/L	<0.5	1	APHA 4500 - Cl
10	Fluoride as F	mg/L	<0.5	1.5	APHA 4500 - F- - D
11	Total Dissolved Solids	mg/L	502	2000	APHA 2540 C
12	Calcium	mg/L	84.2	200	APHA 3500 -Ca- B
13	Magnesium	mg/L	48.6	100	APHA 3500 -Mg- B
14	Copper	mg/L	<0.2	1.5	APHA 3111 - B
15	Alkalinity	mg/L	98.6	600	APHA 2320
16	Ammonia Total	mg/L	ND	0.5	APHA 4500 - NH3
17	Nitrates	mg/L	4.1	45	APHA4500 NO3- - B

ND: Note Detected

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.



GREEN CIRCLE, INC.

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(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 & NABL / ISO / IEC 17025 Certified Organisation)

Report No.: GCI/V/LAB/EM-G0121/19-SP/19-20/November-00/0342

Date: 13/11/2020

ANALYSIS REPORT

(For the Month of November-2020)

Client details		Sample Details	
Name	M/s. SHREE RAIPUR CEMENT PLANT (A Unit of Shree Cement Ltd)	Sample Code	GCI/V/20/K1/GW4
Address	Village -Khapradih, Tehsil - Simga, Dist: Baloda Bazar-Bhatapara, Chhattisgarh-493332	Batch/Location	Near Gram panchayat Bharuadih Village
		Date of Sampling	05/11/2020
Sampling Done By	GCI REPRESENTATIVE	Date of Sample Received	07/11/2020
Analysis Started Date	07/11/2020	Sampling Method	APHA 1060
Analysis Completion Date	13/11/2020		

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 - Al - 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- ClO ₂ - D
32	Sulphates	mg/L	2.7	400	APHA 4500 SO ₄ - E
33	Sulphide	mg/L	ND	0.05	APHA 4500 S ₂
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	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

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- 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.

चौक के होटल, दुकान...
हूप ग्राम पंचायत चंदेरी...
तोड़फोड़ की। पहले चंदेरी...
लोगों के मकान को तोड़...
छोटे-छोटे बच्चों व बह...
साथ यात्री प्रतीक्षालय...
ली: चंदेरी के कोशीराम...
ने बताया कि हम 20...
निवास कर रहे हैं। आज...
तोड़फोड़ कर घर को...
गया। बेचर हो गए हैं।
वच्चों एवं बहू-बेटा को...
प्रतीक्षालय में शरण ले...
पता नहीं हमारा क्या...
पास मिर छिपाने के लि...
रही। छोटे-छोटे बच्चों...
हम इस ठंड में कहा...
जात सुनने वाला कोई...
सतनामी, कृष्णा सतन...
कोसले, डेलराम धुव...
बताया कि 30-40...
लोग यहां पर निवास...
सामान को पत का...
हटाने की मुन्नादी की...
पता चला कि मंगल...
घर-दुकान दूटेंगे। हम...
में कोई नोटिस और वि...
मुआवजा नहीं मिला...
चंदेरी में बेघरों...
खाने-पीने, रोजी...
समस्या, दासाखेड़ा...
सहमे: चंदेरी सरप...
ग्राम पंचायत को तो...
की कोई जानकारी...
दी है। अचानक ह...
से लोग बेघर एवं...
हैं। चंदेरी में लगभग 95 हजार...
फन्ने को हटाया गए...

के चलते किसानों का समय पर...
धान तौल नहीं हो पा रहा है। इसके...
कारण किसानों को अपनी फसल...
की रखवाली करने रतजगा करना...
पड़ रहा है। वहीं उपाजर्ज केंद्र...
प्रभारी धान की चोरी व सूखत को...
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, द्रोपती बाई और...
बेदराम के नाबालिग पुत्र को गिरता...
कर न्यायालय में पेश किया।
एसआई चैतराम साह ने बताया कि...
कोर्ट से बेदराम और द्रोपती को जेल...
भेज दिया गया। जबकि नाबालिग...
आरोपी को बाल सुधार गृह भेज...
दिया गया।

दुर्गा प्रसाद तिवारी, सचिव, शत्रुहन...
दुबे, सह सचिव विश्वनाथ शर्मा,
प्रचारक लव शर्मा एवं मुकेश दुबे...
कोषाध्यक्ष बनाए गए हैं। बैठक में...
रामेश्वर शर्मा, व्यासनारायण तिवारी,
शिवनारायण तिवारी, अजय शर्मा,
स्वराज तिवारी, विजय शर्मा, नर्मदा...
प्रसाद पांडेय आदि लोग उपस्थित थे।

पैरामेडिकल कोर्स हेतु

प्रवेश प्रारंभ: 25/12/2016
छ.ग. शासन से मान्यता प्राप्त एक वर्षीय कोर्स
• Pathology - 1 वर्षीय
• O.T. Tech. - 1 वर्षीय
• X-Ray Tech. - 1 वर्षीय
• Ortho & Dresser - 1 वर्षीय
• E.C.G. & I.C.C.U. - 1 वर्षीय
छ.ग. पैरामेडिकल कॉलेज में पंजीबद्ध हेतु
पता : पी.जाय. मानस होस्पिटल
एण्ड इन्स्टिट्यूट ऑफ मेडिकल साइंस,
कसडोल (छ.ग.)
मो.नं. : 9827484168, 9827899771

मेसर्स श्री सीमेन्ट लिमिटेड (श्री रायपुर सीमेंट प्लांट)

गांव-ऊपराडीह, तहसील-सिंगगा, जिला-बलौदा बाजार-भाटापाड़ा (छत्तीसगढ़)

सार्वजनिक सूचना

रख रक्षण को सुनिश्चित किया जाता है कि मेसर्स श्री सीमेन्ट लिमिटेड (श्री रायपुर सीमेंट प्लांट) की एक्सपोर्ट सीमा (रेगिस्ट्रारियल सीमा) कुल क्षेत्रफल 220004 वर्गमीटर (22 085 हेक्टेयर) तथा विन्टज एरिया 110111 वर्गमीटर जो मांस - भूकंपादी, जिला - बलौदाबाजार - भाटापाड़ा, छत्तीसगढ़ में स्थापित किया जा रहा है। को राज्य सरकार पर्यावरण ससमाप्त निर्धारण, प्राधिकरण छत्तीसगढ़, भारत सरकार के पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा पर्यावरणीय स्वीकृति पत्र क्रमांक - 1216/एस.ई.आई.ए.ए. सं.ग./2101/विशेष प्रोलेक्ट/य.आ./2147 नया रायपुर दिनांक 22 दिसम्बर 2016 के द्वारा प्रदान है। पर्यावरण स्वीकृति पत्र की प्रतिलिपि छत्तीसगढ़ पर्यावरण संरक्षण गण्डत, रायपुर पर उपलब्ध है तथा पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार की वेब साइट www.seiaacg.org एवं श्री सीमेन्ट की वेब साइट www.shreecementltd.in पर भी उपलब्ध है।

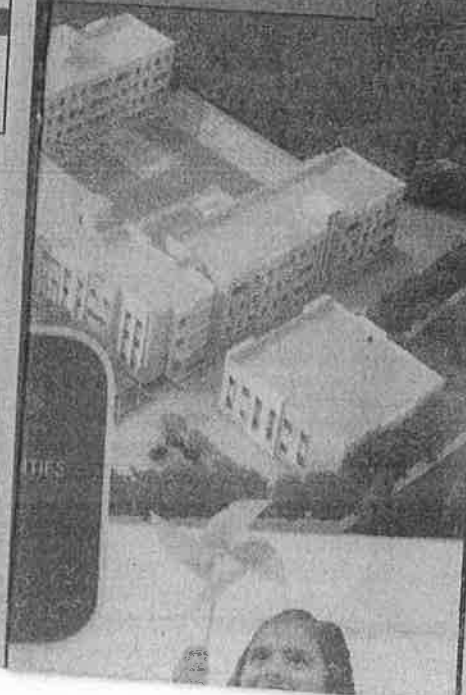
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(श्री रायपुर सीमेंट प्लांट)

सर्व-स्वपराधी, रहस्यी-सिम्मा, जिला-गलौडा बाजार-मातापारा (छत्तीसगढ़)

सार्वजनिक सूचना

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हरिभोम

कार्यालय, नयापारा, राजिम (छ.ग.)

मो. नं. 9826296050, 7987124123



साथ सूचित करना पड़ रहा है कि मेरे पूज्य पति

मलाल साह

दिनांक 19/12/2016

सोमवार को हो गया ।

परिवार पधारकर मृतात्मा को
शांति प्रदान करें।

कार्यक्रम

स्व. श्री रामलाल सा

28.12.2016, दिन- बुधवार

निवास, ग्राम पीपरछेड़ी (राजिम)

कार्यक्रम- दोपहर 12 बजे से

பி/த/ச/

१. उमेश्वर, पदुम, विनोद,

श्री. रूपेश, मुरली, दुर्गेश,

एवं समस्त साहू परिवार

जिस किसी सज्जन को शवे इसे ही आमंत्रण समझे।

विनीत

श्रीमती सुखमत बाई साहू (पत्नी)

खम्मन लाल साहू (पुत्र)

कमलनारायण साहू (पुत्र)

मो. 9926830315

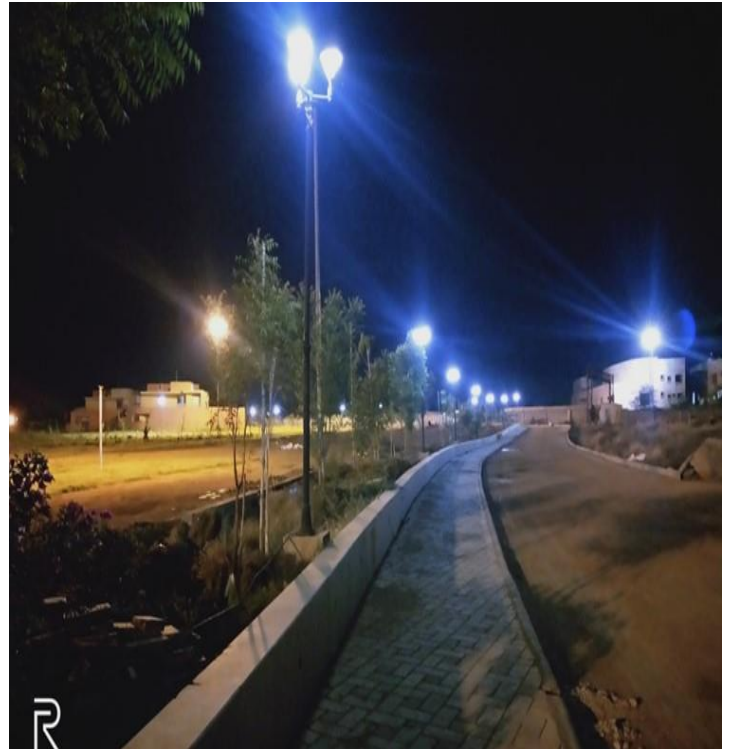


Photo no. 1 LED lights at colony street lighting, garden, public place and houses.



Photo no. 2 Colony plantation along the side of the roads and open spaces



Photo no. - 3 Rain Water harvesting pond at Colony, Capacity - 20,000 KL