



# 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/BB/2017-18/114

Date: 07.11.17

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, 2017 to September, 2017 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,

In reference to the above subject matter & reference letter, it is submitted herewith the point wise Half Yearly compliance status for the period of April, 2017 to September, 2017 is enclosed herewith for your kind perusal please.

Hope you will find this in order.

Thanking you.

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

  
R. K. Vijay  
AVP (Operations)



**Enclosures: Compliance status Report period April-2017 to September-2017.**

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)



**SRCP Colony Environment Clearance compliance status report**

**Period from April -2017 to September-2017**

**Name of Project** : SRCP Colony (Residential project) by Shree Raipur Cement Plant (A unit of Shree Cement Ltd)

**Capacity & Location** : SRCP Colony (Residential Project) total colony area 220854 sq. meter (22.085 ha) and buildup area-111011 sq. Meter near village Bharuwadih, Post – Champa Distt.- Baloda Bazar - Bhatapara (Chhattisgarh)

**EC letter No.** : 1218/SEIAACG/Residential Project/BB/2147/New Raipur dated 22/12/2016

Sr. No	Condition	Compliance
I	<b><u>Construction Phage</u></b>	
	<b><u>Facility of Labourers during construction</u></b>	
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 provided for labour camps. Proper sanitation facilities have been also 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 safely measures shall be adopted to the construction workers.	Adequate safely 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 during construction and operation of the project.	Complying with. OHC Centre for medical facilities is available on 24X7 basis and first Aid facility have been also provided in project site.
vi)	Provision shall be made for the supply of kerosene or cooking gas/pressure cooker to the labourers during construction phase.	Complying with.
	<b><u>Environmental Management During Construction :-</u></b>	

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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 being 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.	Shall be complied.	
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.	Agreed.	
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 project however plantation will be done at available open place in the 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 precautions for general safety and health aspects.	Noted.	
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.	Noted.	
vii)	All Vehicles/equipments 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.	Vehicles are maintained in good condition with proper oil and greasing to control unwanted noise pollution	
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	Agreed. Vehicles are maintained in good condition with proper oil and greasing to control unwanted noise pollution. Noise & ambient Air Monitoring being	

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	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.	done. Reports of Ambient Air Quality monitoring enclosed as <b>Annexure – 1</b> Noise monitoring report is enclosed as <b>Annexure-2</b>	
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.	Agreed. Guideline being followed.	
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.	Noted.	
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 stored in covered godowns / sheds. Trucks carrying soil, sand and other construction materials duly covered.	
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 being used for construction.	
xiii)	Accumulation/stagnation of water shall avoid ensuring vector control.	Noted.	
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.	Agreed.	
	<b><u>Selection of Materials for Better Energy Efficiency :-</u></b>		

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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 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.	Fly ash bricks being used for construction purpose.
ii)	Construction shall confirm to the requirements of local seismic regulations. The project proponent shall obtain permission for the plants 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. Being complying all applicable rule & regulation related to the construction of colony.
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.	Shall be complied

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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.	Noted.
v)	Modern electrical power transmission & distribution system shall be installed.	Agreed.
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)	Agreed.
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.	Noted.
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.	Shall be complied
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.	Agreed.
(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 eco-friendly.	Power requirement is being provided through Chhattisgarh State Electricity Distribution Company Limited as well as our Captive power plant. For Power backup D.G. Set will be installed.
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	Shall be complied.

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	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.		
	<b><u>Water Body Conservation :-</u></b>		
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 as there is no natural streams, channels / nallas falling within premises.	
ii)	No untreated / treated waste water shall be discharged in the any water bodies under any circumstances.	Treated waste water will be used for plantation.	
iii)	All the construction and preparatory activities shall be carried out during dry seasons only.	All the construction and preparatory activities being carried out during dry seasons.	
	<b><u>Water Supply :-</u></b>		
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 effluent generated shall also be provided.	Water meter will be 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.  Measuring arrangement for effluent generated will also be 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. will be adopted.	
	<b><u>Greening Programme :-</u></b>		

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i)	<p>Lay out of proposed buildings and roads etc. shall be made in such a way that it shall cause minimum distance 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 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.</p>	Plantation along the side of the roads and in the open spaces will be developed.	
	<b><u>Sewage Management:-</u></b>		
i)	<p>Sewage Treatment plant with adequate capacity shall be installed. Sewage collection system of 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.</p>	Agreed and shall ensure installation of STP before building completion.	
ii)	<p>Domestic waste water after treatment shall be used in plantation and other uses. Zero discharge condition shall be maintained.</p>	Agreed.	
	<b><u>Rain Water Harvesting Scheme:-</u></b>		
i)	<p>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 &amp; grease. Rainwater harvesting pits shall be constructed as per proposal.</p>	Agreed.	

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	<b><u>Transport Management:-</u></b>		
i)	Appropriate access shall be provided for physically challenged people in the pedestrian paths.	Agreed.	
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.	Will be complied.	
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.	Noted.	
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 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.	Agreed.	
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.	Agreed.	
	<b><u>Others:-</u></b>		
i)	All mandatory approvals and permissions as required shall be obtained.	Complying with.	
ii)	Unskilled construction labourers shall be recruited from the local areas. Construction 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.	Agreed.	
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.	Will be complied.	

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v)	The ground water shall not be abstracted without prior permission from the competent authority in the project area.	CGWA NOC permission for water withdrawal already obtained on 08.4.2015. Copy of CGWA NOC is enclosed as Annexure- 3
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 land degradation due to water stagnation. The roadside drains shall be provided on both sides of 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.	Agreed.
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.	<b><u>Operation Phase</u></b>	
	<b><u>Sewage treatment plant :-</u></b>	
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.	Waste water will be treated with the help of STP proposed and treated water will be used for plantation and other uses.
	<b><u>Municipal Solid Waste/Other Wastes :-</u></b>	
i)	Three-chambered container or three bins (one for bio degradable, one for non bio degradable and one	Three-chambered container or three bins (one for bio degradable, one for non-bio degradable and

*Handwritten signature/initials*



	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.	one domestic hazardous waste) will be 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, aluminium 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.	Waste water will be treated in STP proposed in colony and treated water will be used for plantation and other uses.  The sludge generated from Sewage Treatment Plant (after drying) will be used as manure for gardening purpose.  All municipal solid wastes will be segregated, collected, transported, treated and disposed as per provisions of 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 living a clean and healthy life by proper management of solid wastes will be 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.	Agreed.
v)	The use of hand gloves, shoes and safety dress for all waste collectors and sorters shall be enforced.	Agreed..
vi)	Recycling of all recyclable wastes such as newspaper, aluminium cans, glass bottles, iron scrap and plastics etc. shall be encouraged through private participation.	Agreed.
vii)	Necessary measurement shall be made to mitigate the odour problems from solid wastes processing plant.	Will be Complied.
	<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.	Will be Complied.

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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 like firefighting teams, fire brigade, fire extinguishers, emergency preparedness etc. adopted.
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 will be controlled to ensure that it does not exceed the prescribed standards. Noise monitoring report enclosed as Annexure-2
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 will be 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.
<b><u>PART B – GENERAL CONDITIONS :-</u></b>		
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 sprit.	Agreed..
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 report 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	Agreed.

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	Authority, Chhattisgarh.		
vi)	The responsibility of implementation of environmental safeguards rests fully on the project proponent. Project proponent shall establish an environmental management 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 appraisal by the SEIAA.	Noted.	
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.	Agreed for whereas applicable.	
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	Advertised in two local newspapers name is Dainik Bhaskar & Hari Bhumi widely circulated in the region around the project on 28.012.16. Copy	





	within seven days from the date 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 <a href="http://www.seiaacg.org">www.seiaacg.org</a> .	of newspapers cutting enclosed as Annexure-4
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 on 28.12.2016 & 30.12.16 to the followings:- 1. Gram Panchayat, Bharuadih. 2. Gram Panchayat, Semeradih. 3. Jila Panchayat, Balodabazar 4. Nagar Palika, Balodabazar EC letter has been put on our web site:- <a href="http://www.shreecement.in">www.shreecement.in</a>
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  
AVP (Operations)

Enclosed: - As above





# EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & EIA Consultant Organization

(MOEF Recognized, NABET QCI Accredited, ISO 9001, ISO 14001 & OHSAS 18001 Certified)

**Head Office :** C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar,  
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**Branch Office :** Shop No. 27, Shah Alpine, Plot No. 6, Sector-6, Kharghar, Navi Mumbai – 410 210  
**Mobile :** 9766616867, **E-mail :** earthcare2000@gmail.com, **Website :** www.earthcarenagpur.com

No. ELPL/May-17/AA-80

## Certificate of Analysis Ambient Air Quality

Annexure-1

<b>Name of the Company</b>	<b>M/s. SHREE RAIPUR CEMENT PLANT,</b> ( A Unit of M/s Shree Cement Ltd ) Village- Khapradih, Dist. - Baloda Bazar - Bhatapara , Raipur (Chhattisgarh).
<b>Date of Monitoring</b>	22-05-2017 to 23-05-2017

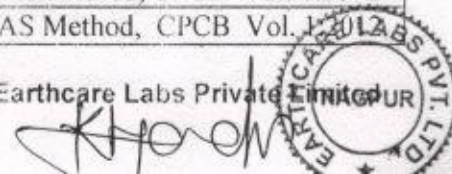
## Meteorological Data

Avg. Ambient Temperature	36°C
Prominent Wind Direction	NW
Avg. Wind Speed	10.0 Km/Hr

## Results of Analysis

Sr. No.	Parameters	Norms (NAAQS - 2009)	Locations	Method
			AAQMS-1 Near Bharuadih (E)	
1.	Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	80	3.64	Improved West and Gaeke Method, IS 5182 (Part 2) : 2001, RA 2012 and CPCB Vol. 1 :2012
2.	Nitrogen Dioxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	80	14.5	Modified Jacob & Hochheiser Method , IS 5182 (Part 6) : 2006 RA 2012 and CPCB Vol. 1:2012
3.	Particulate Matter size less than 10 µm ( PM <sub>10</sub> ) µg/m <sup>3</sup>	100	66.5	Gravimetric Method, IS 5182 (Part 23) : 2006 RA 2012 and CPCB Vol. 1:2012
4.	Particulate Matter size less than 2.5 µm (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	60	24.8	Gravimetric Method, CPCB Vol. 1:2012
5.	Ozone (O <sub>3</sub> ) µg/m <sup>3</sup>	180	< 20	Chemical Method , CPCB Vol. 1:2012
6.	Lead ( Pb ) µg/m <sup>3</sup>	1.0	0.08	AAS Method, CPCB Vol. 1:2012
7.	Carbon Monoxide (CO) mg/m <sup>3</sup>	4.0	0.11	Multi Gas Analyzer
8.	Ammonia ( NH <sub>3</sub> ) µg/m <sup>3</sup>	400	< 20	Indophenol Method, CPCB Vol. 1:2012
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) µg/m <sup>3</sup>	5.0	3.82	GC Analysis Method, CPCB Vol. 1:2012
10.	Benzo [a] Pyrene (as BaP)-particulate phase only ng/m <sup>3</sup>	1.0	<1.0	GC Analysis Method, CPCB Vol. 1:2012
11.	Arsenic (as As) ng/m <sup>3</sup>	6.0	3.40	AAS Method, CPCB Vol. 1:2012
12.	Nickel (as Ni) ng/m <sup>3</sup>	20.0	11.6	AAS Method, CPCB Vol. 1:2012

For Earthcare Labs Private Limited





Date:-18.10.2017

Time:-03:30 PM

## Noise level monitoring at SRCP Colony

Sr. No	Location	Noise measurement in dB(A)					Average / dB (A)
1	Colony (DG Set)	52.8	54.7	50.9	53.3	51.7	52.68
2	Colony Maingate	54.5	63.6	53.3	51.5	51.7	54.92
3	Colony (Water tank)	54.3	53.9	51.4	52.3	51.2	52.62
4	Colony (AAQMS Site)	49.8	53.9	51.4	52.3	51.2	51.72

Date:-18.10.2017

Time:-11:50 PM

## Noise level monitoring at SRCP Colony

Sr. No	Location	Noise measurement in dB(A)					Average / dB (A)
1	Colony (DG Set)	45.1	45.3	44.5	46.7	45.6	45.44
2	Colony Maingate	50.1	49.3	49.7	47.5	46.2	48.56
3	Colony (Water tank)	48.3	48.5	47.6	49.1	47.4	48.18
4	Colony (AAQMS Site)	45.3	46.6	44.9	45.9	44.7	45.48







**Superintending Hydrogeologist**

भारत सरकार  
केन्द्रीय भूमि जल प्राधिकरण  
जल संसाधन मंत्रालय

Government of India  
Central Ground Water Authority  
Ministry of Water Resources  
River Development & Ganga Rejuvenation

CGWA/IND/Proj/2015- 56 -R

No.21-4(36)/NCCR/CGWA/2008- 569

Dated:- 08 APR 2015

To,

Shree Raipur Cement Plant  
(A Unit of M/s Shree Cement Ltd.,)  
Village Khapradih, Tehsil Simga,  
District Balodabazar-Bhatapara,  
Chhattisgarh -493196

**Sub:- Renewal of NOC for ground water withdrawal to M/s Shree Raipur Cement Plant (A unit of M/s Shree Cement Ltd.,) for their existing integrated Cement Plant, power plant & limestone mines located at Villages Khapradih, Semaradih & Bharuwadi, Tehsil Simga, District Balodabazar-Bhatapara, Chhattisgarh-reg.**

Refer to your application dated 2.4.2014 on the above cited subject. Based on recommendations of Regional Director, CGWB, North Central Chhattisgarh Region, Raipur vide his office letter nos. 30-1/NCCR/CGWA/Renewal/BB-658 dated 1.7.2014 and 2.12.2014 and further deliberations on the subject, the renewal of NOC issued vide this office letter of even no. dated 24.10.2008, is hereby accorded to **M/s Shree Raipur Cement Plant (A unit of M/s Shree Cement Ltd.,) for their existing integrated Cement Plant, power plant & limestone mines located at Villages Khapradih, Semaradih & Bharuwadi, Tehsil Simga, District Balodabazar-Bhatapara, Chhattisgarh.** The renewal is however subject to the following conditions:-

1. The firm may continue to abstract 3000 m<sup>3</sup>/day (and not exceeding 10,95,000 m<sup>3</sup>/year) of ground water through existing fifteen (15) borewells only. No additional ground water abstraction structures to be constructed for this purpose without prior approval of the CGWA.
2. The firm will continue to provide data of ground water extraction on regular basis, at least once in a month to the Regional Director, Central Ground Water Board, North Central Chhattisgarh Region, Raipur. The ground water quality to be monitored twice in a year during pre monsoon and post monsoon periods
3. **M/s Shree Cement Ltd.,** shall, continue implementing ground water recharge measures for augmenting the ground water resources in consultation with the

West Block - 2, Wing - 3, Sector - 1, R.K. Puram, New Delhi - 110066

Tel : 011-26175362, 26175373, 26175379 • Fax : 011-26175369

Website : www.cgwb.gov.in, www.mowr.gov.in

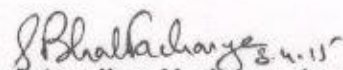
स्वच्छ सुरक्षित जल - सुन्दर सुशहाल कल

CONSERVE WATER - SAVE LIFE




Regional Director, Central Ground Water Board, North Central Chhattisgarh Region, Raipur as proposed.

4. The firm shall continue to execute ground water regime monitoring programme in and around the project area through piezometers on regular basis in consultation with the Central Ground Water Board, North Central Chhattisgarh Region, Raipur.
5. The ground water monitoring data in respect of S. No. 2 & 4 to be submitted to Central Ground Water Board, North Central Chhattisgarh Region, Raipur on regular basis at least once in a year.
6. The firm shall ensure proper recycling and reuse of waste water after adequate treatment.
7. Action taken report in respect of S.N o. 1 to 6 may be submitted to CGWA within one year period.
8. The renewal is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 7.
9. This NOC is subject to prevailing Central/State Government rules/laws or Court orders related to construction of tubewell/ground water withdrawal/construction of recharge or conservation structures/discharge of effluents or any such matter as applicable.
10. This NOC does not absolve the applicant / proponent of his obligation / requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
11. The NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and be taking decisions independently of the NOC.
12. This renewal is valid for three years from date of issuance of this letter.

  
Superintending Hydrogeologist

**Copy to:**

1. The Director, Ministry of Environment and Forests, (I.A. Division), Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi- 110003.
2. The Member Secretary, Chhattisgarh Environment Conservation Board, 1-Tilak Nagar, Shiv Mandir Chowk, Main Road, Awanti Vihar, Raipur-492006, Chhattisgarh.
3. The Regional Director, Central Ground Water Board, North Central Chhattisgarh Region, Reena Apartments, IInd Floor, Pachpedi Naka, Raipur 492001, Chhattisgarh. This has reference to letter nos. 30-1/NCCR/CGWA/Renewal/BB-658 dated 01.07.2014 and 02.12.2014.
4. TS to the Chairman, CGWB, NH-IV, Faridabad.
5. Guard File 2015-16.

  
Superintending Hydrogeologist





# 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

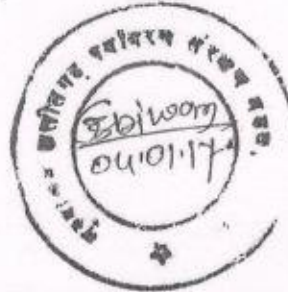


Annexure-4 OIC

SRCP /BB//2016-17/113

Date: 30.12.16

To,  
The Member Secretary,  
Chhattisgarh Environment Conservation Board,  
Paryavas Bhavan, North Block, Sector-19  
Naya Raipur (C.G.)



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

Ref:- 1. EC Letter No - 1218/S.E.I.A.A.C.G./Residential project dated/ B.Ba./2147, New Raipur dated 22/12/2016 (copy enclosed).

Dear Sir,

Kindly refer to the above subject matter and referred EC letter. As per the condition of EC letter, the compliance status of various conditions is given as below:-

Condition No.	EC Condition	Compliance
General condition no. 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 this clearance letter, informing that the project has been accorded environmental 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 <a href="http://www.seiaacg.org">www.seiaacg.org</a>	We have informed the public by giving advertisement in two local newspapers widely circulated in the region namely, Dainik Bhaskar and Haribhumi on 28/12/2016 (copy enclosed).
General condition no. xii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom	Copy of environment clearance letter has been sent on 30/12/2016 to the followings:- 1. Gram Panchayat, Bharuwadih, 2. Gram Panchayat, Semeradih, 3. Zila Panchayat, Baloda Bazar, 4. Nagar Palika, Baloda Bazar.



	suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	EC letter has been put on our web site:- <a href="http://www.shreecement.in">www.shreecement.in</a>
--	--	--

Thanking you,

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



**R K Vijay  
AVP (Operations)**

**Enclosed: As above**



चौक के होटल, दुकान हुए ग्राम पंचायत चंदेरी पा तोड़फोड़ की। पहले चंदेरी लोगों के मकान को तोड़ छोटे-छोटे बच्चों व बह साध चात्री प्रतीक्षालय ली: चंदेरी के काशीराम ने बताया कि हम 20 निवास कर रहे हैं। आज तोड़फोड़ कर घर छो गया। बेघर हो गए हैं। बच्चों एवं बह-बेटा को प्रतीक्षालय में शरण ले पता नहीं हमारा क्या के पास सिर छिपाने के ल रही। छोटे-छोटे बच्चों हम इस ठंड में कहां घात सुनने वाला कोई सतनामी, कृष्णा सतनामी, बंसले, डेलूराम धुब बताया कि 30-40 लोग यहां पर निवास सोमवार की रात को हटाने की मुनादी की पता चला कि मंगल चर-दुकान टूटेंगे। हम में कोई नोटिस और मुआयजा नहीं मिला चंदेरी में बेघर खाने-पीने, रोजी समस्या, दामाखंडी सहमे: चंदेरी सरपंच ग्राम पंचायत को तो की कोई जानकारी दी है। अचानक से लोग बेघर एवं हैं। चंदेरी में लगभग 95 हजार फव्वे को हटाया

के चलते किसानों का समय पर धान तेल 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 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 नाबालिग पुत्र को गिरफ्तार 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 दिया गया।

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

### पैरामेडिकल कोर्स हेतु

**पैरामेडिकल कोर्स हेतु**  
अंशक की सीटें बंद  
25/12/2018  
उ.ग. शस्त्र से सम्बन्धित कार्य एवं रक्षित 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  
उ.ग. पैरामेडिकल कोर्स हेतु में इच्छुक होना चाहें  
पता : वी.वा.व. मानस इन्स्टिट्यूट  
एण्ड इन्स्टिट्यूट ऑफ मेडिकल साइंस,  
कलकत्ता (उ.ग.)  
फोन. : 9827484168, 9827889771

### मेसर्स श्री सीमेन्ट लिमिटेड (श्री रायपुर सीमेंट प्लांट)

गांव-अपराहीह, तहसील-सिमना, जिला-बलौड़ा बाजार-भाटापारा (छत्तीसगढ़)

### सार्वजनिक सूचना

सर्व राधारण को सुचित किया जाता है कि मेसर्स श्री सीमेन्ट लिमिटेड (श्री रायपुर सीमेंट प्लांट) की एसआरसीपी कॉलोनी (रिजिस्ट्रार प्रोजेक्ट) कुल क्षेत्रफल 220054 वर्गमीटर (22.095 हेक्टेयर) तथा बिल्डअप एरिया 110111 वर्गमीटर की गांव - अरुवाहीह, जिला - बलौड़ाबाजार - भाटापारा, छत्तीसगढ़ में स्थापित किया जा रहा है। को राज्य स्तर पर पर्यावरण सभागत मिथर्जन, प्राधिकरण छत्तीसगढ़, भारत सरकार के पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा पर्यावरणीय स्वीकृति पत्र क्रमांक - 1218/एन.ई.आई.ए.ए. छ.ग./रिजिस्ट्रेशन प्रोजेक्ट/ब.वा./2147 मया रायपुर दिनांक 22 दिसम्बर 2016 के द्वारा दी गई है।

पर्यावरण स्वीकृति पत्र की प्रतिलिपि छत्तीसगढ़ पर्यावरण संरक्षण गण्डल, रायपुर पर उपलब्ध है तथा पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार की वेब साइट [www.seiaacg.org](http://www.seiaacg.org) एवं श्री सीमेन्ट की वेब साइट [www.shreecementltd.in](http://www.shreecementltd.in) पर भी उपलब्ध है।

### SIONS OPEN FOR ADE I - VII sion 2017-18

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**मेसर्स श्री सीमेंट लिमिटेड**  
(श्री रायपुर सीमेंट प्लांट)

**सार्वजनिक सूचना**

हमारे संस्थान को सुचित किया जाता है कि मेसर्स श्री सीमेंट लिमिटेड (श्री रायपुर सीमेंट प्लांट) की एस.आर.सी. की वॉलेज (रेसिडेन्शियल प्रोजेक्ट) कुल क्षेत्रफल 220854 वर्गमीटर (22.085 हेक्टेयर) तथा बिल्टअप एरिया 110111 वर्गमीटर जो गांव - भकसाडीह, जिला - बलसोहरा - भादवाकर, छत्तीसगढ़ में स्थापित किया जा रहा है। को राज्य स्तर पर वास्तु विनियम, आधिकारण छत्तीसगढ़, भारत सरकार के पर्यावरण, वन एवं जलवायु परिवर्तन विभाग द्वारा पर्यावरणीय रवीकृति पत्र क्रमांक - 1215/रा.ई.आई.ए.ए. छ.ग./रेसिडेन्शियल प्रोजेक्ट/व.का./2147 तथा रायपुर विभाग 22 दिसम्बर 2016 के द्वारा दी गई है। पर्यावरण रवीकृति पत्र की प्रतिलिपि छत्तीसगढ़ पर्यावरण संरक्षण मण्डल, रायपुर पर उपलब्ध है तथा पर्यावरण वन एवं जलवायु परिवर्तन विभाग द्वारा रायपुर की वेब साइट [www.seiaacg.org](http://www.seiaacg.org) एवं श्री सीमेंट की वेब साइट [www.shreecementlid.in](http://www.shreecementlid.in) पर भी उपलब्ध है।

**एजेन्सी देनी है...**

हरिभूमि समाचार पत्र की

चंपारन (राजिम) में सब एजेंसी देनी है। समाचार, विज्ञापन एवं खबरों के लिए अच्छा कार्य करने में सक्षम व्यक्ति, सुरक्षा राशि के साथ तत्काल सम्पर्क

**हरिभूमि**

कार्यालय, नयापारा, राजिम (छ.ग.)

मो. नं. 9826296050, 7987124123



स्व. श्री रामलाल साहू

साथ सूचित करना पड़ रहा है कि मेरे पूज्य पति

**रामलाल साहू**

दिनांक 19/12/2016

सोमवार को हो गया।

परिवार पधारकर मृतात्मा को शांति प्रदान करें।

**कार्यक्रम**

28.12.2016, दिन- बुधवार

निवास, ग्राम पीपरछेड़ी (राजिम)

कार्यक्रम- तोषट्ट 12 रोजे से

गकुल

1. उमेश्वर, पदुम, विनोद,  
रण, रूपेश, मुरली, दुर्गेश,  
ज एवं समस्त साहू परिवार

दुकान

श्रीमती सुखमत बाई साहू (पत्नी)  
खम्मन लाल साहू (पुत्र)  
कमलनारायण साहू (पुत्र)  
मो. 9926830315

जिस किसी सज्जन को शते इसे ही आमंत्रण समझे।