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# SHREE CEMENT LTD.

Regd. Office:

BANGUR NAGAR, POST BOX NO.33, BEAWAR 305 901, RAJASTHAN, INDIA

SCL/OCP/ENV/2019-20/ 2384



Date: 25/05/2019

To  
The Member Secretary,  
State Environment Impact Assessment Authority, Odisha,  
5 RF-2/1, Acharya Vihar, Unit-IX  
Bhubaneswar, Odisha 751022

Sub:- Half yearly Compliance October-2018 to March-2019 Condition of Environmental Clearance of Odisha Cement Plant (A Unit of Shree Cement Ltd) at Village- Chandrabali shyampur, Tehsil-Athgarh, Dist.- Cuttack Odisha

Ref:- SEIAA Ref. No 5859/SEIAA Dated: 31.08.2018.

Dear Sir,

Kindly refer to the above subject matter and referred letter. We are submitting herewith the point wise compliance of condition of the above Environmental clearance for the period of October- 2018 to March- 2019.

This is for your necessary submission please.

Thanking you,

Yours faithfully,

For M/s Odisha Cement plant  
(A Unit of M/s Shree Cement Ltd.)

(Rakesh Bhargava)  
Sr. Vice President (Environment)

Copy to:

- 1) The Director (Mines), Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi - 110 003
- 2) The Member Secretary, West Bengal Pollution Control Board, Parivesh Bhavan, 10 A, Block L.A., Sector-III, Salt Lake City, Culcutta-700098
- 3) The Member Secretary, Odisha State Pollution Control Board, 1-A/6, Swati Villa, Surya Vihar, Link Road, Cuttack, Odisha-753012

O/C Env. Dept Ras.

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**Compliance of Environment Clearance Conditions issued by State Level Environment Impact Assessment Authority Reference no. 5859/SEIAA Dated 31.08.2018. for the Proposed Clinker Grinding Unit with capacity of 5.5 MTPA Cement (OPC,PPC,PSC) in phase manner (phase-I: 3.0 MTPA Cement and phase-II, 2.5 MTPA Cement) along with 20 MW Captive Power Plant in 2<sup>nd</sup> phase and residential colony at Village- Chandrabali shyampur, Tehsil-Athgarh, Dist.- Cuttack Odisha for the period from October-18 to March-19.**

S. No.	Conditions	Compliance
<b>I. Monitoring of Compliance</b>		
i	The project proponent shall obtain clearance under the provisions of Forests (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not Applicable. There is no diversion of forest land.
ii	The Project Proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable.
iii	The wildlife proponent shall prepare site-specific Conservation plan & Wildlife Management plan and approved by Chief Wildlife Warden. The recommendations of the approved site-specific Conservation plan/ Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the Six monthly compliance report (in case of the presence of schedule-I species in the study area).	Rs. 1.44 cr. has been deposited on dated 01/09/2018 in CAMPA account no. 520101263743655, intimation of same was submitted to DFO Athagarh, vide letter dated 03/09/2018. Pollution control equipment is under installation.
iv	The project proponent shall obtain consent to establish/ operate under the provisions of Air (prevention & control of pollution) Act, 1981 and the Water (prevention & control of pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Consent to Establish has been obtained vide letter no. <b>7467 IND-II-NOC-6109 dated 25.06.2018.</b>
v	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/ from the competent authority concerned in case of drawl of surface water required for the project.	Permission from CGWA for extraction of ground water has been granted vide letter no. <b>CGWA/NOC/IND/ORIG/2018/3428 dated 05 April 2018.</b>
vi	The project proponent shall obtain the Authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Agreed with. The Authorization under the Hazardous and other Waste Management Rules, 2016 shall be obtained.
<b>II. Air Quality monitoring and preservation</b>		
i	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (protection) Rules 1986 (GSR No. 612(E) dated 25 <sup>th</sup> S.O. 3305 (E) dated 7 <sup>th</sup> December 2015 (Thermal power plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (protection) Act, 1986 or NABL accredited laboratories.	Agreed with. Continuous emission monitoring systems will be installed and connected to CPCB & SPCB online servers to monitor stack emission with respect to standards prescribed in Environment (protection) Rules 1986 (GSR No. 612(E) dated 25 <sup>th</sup> S.O. 3305 (E) dated 7 <sup>th</sup> December 2015 (Thermal power plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (protection) Act, 1986 or NABL accredited laboratories

ii	The project proponent shall monitor fugitive in the plant premises at least in every quarter through labs recognized under Environment (protection) Act 1986.	Noted & Will be complied.
iii	The project proponent shall install system carryout to Ambient Air Quality Monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emission) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), converting upwind and downwind directions (case to case basis small plants. Manual; large plants; continuous). Data on ambient air quality and stack emission shall be regularly to the SEIAA, Odisha Regional office, MoEF&CC, Bhubaneshwar and the SPCB/CPCB once in six month.	Agreed with. The Ambient Air quality monitoring system will be installed for carryout Ambient Air Quality Monitoring for PM10 and PM 2.5 in reference to PM emission, and SO2 and Nox in reference to SO2 & Nox emission within and outside the plant area at four locations.  Data on ambient air quality and stack emission will be submitted to the SEIAA, Odisha Regional office, MoEF&CC, Bhubaneshwar and the SPCB/CPCB once in six month.
iv	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack Monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB and Regional office of SPCB along with six-monthly monitoring report.	Agreed with. Six monthly report for continuous stack emission and air quality monitoring and results of manual stack Monitoring and manual monitoring of air quality/ fugitive emissions will be submitted to concerned govt. offices.
v	Appropriate Air Pollution Control (APC) system shall be provided for all the first generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Bag house for Cement Mill & dust collector at various material transfer point will be installed Electrostatic precipitator for captive power plant and.
vi	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Noted & will be complied.
vii	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Noted, will be provided as per the CREP Guidelines of CPCB.
viii	Sufficient number of mobile or stationary vacuum cleaners shall be provide to clean plant road, shop floors, rods, regularly.	Noted & mobile or stationary vacuum cleaners will be provided to clean plant road, shop floors, rods etc. regularly.
ix	Ensured covered transportation and covering of raw materials to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.	Agreed with. Covering of raw materials during transportation will be done and fly ash will be transported in closed bulkers.
x	Provide wind shelter fence and chemical spraying on the raw material stock piles.	Agreed & will be complied.
xi	Provide low NOx burners as primary measures and SCR/NSCR technologies as secondary measure to control NOx emissions.	Not Applicable.
xii	Have separate truck parking area and monitor vehicular emissions at regular interval.	Separate truck parking area will be provided and only PUC vehicles will be allowed for transportation.
xiii	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.	Transportation of raw materials will be done through closed container & covered conveyor belt.

xiv	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.	Will be complied.
<b>III. Water quality monitoring and preservation</b>		
i	The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (protection) Rules 1986 vide G.S.R.No.612 (E ) dated 25 <sup>th</sup> August, 2014 (cement) and S.O. 3305 (E ) dated 7 <sup>th</sup> December 2015 ( Thermal power plant) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (protection) Act, 1986 or NABL accredited laboratories (case to case basis small plants; Manual; large plants; Continuous).	Clinker grinding is dry process and therefore, no effluent will be generated from the process. However, RO reject water from DM plant will be generated and same will be used in cement mill spray. Domestic waste water will be treated in STP and treated water will be used for plantation purpose.
ii	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/ sampling weeks in the plant and adjacent areas through labs recognized under Environment (protection) Act,1986 and NABL accredited laboratories.	Agreed & Will be complied.
iii	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to SEIAA, Odisha Regional office, MoEF&CC Bhubaneswar and the SPCB/CPCB once in six month..	Continuous effluent monitoring is not applicable as industry adhere "zero liquid discharge".  Manual effluent testing and manual monitoring of ground water quality will be submitted to SEIAA, Odisha Regional office, MoEF&CC Bhubaneswar and the SPCB/CPCB once in six month.
iv	Adhere to 'Zero Liquid Discharge'.	Agreed & will be complied.
v	Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.	Domestic sewage will be treated in STP and treated water will be used for plantation purpose.
vi	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution sure to surface run off.	Noted & will be complied. Garland drains and collection pits will be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution.
vii	The project proponent shall practice rain water harvesting to maximum possible extent and efforts shall be made to use of harvested rain water.	Rain water harvesting pond will be constructed for conservation of water and to use the harvested rain water.
viii	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Noted & will be complied.
ix	The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Zero liquid discharge will be practiced as clinker grinding unit is based on dry process technology and captive power plant is based on air cooled condenser technology. Domestic waste water will be treated in STP and treated water will be used in green belt development. RO reject water from DM plant will be used in mill spray
<b>IV. Noise monitoring and prevention</b>		

i	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Office of the Ministry as a part of six monthly compliance report.	Noise level monitoring will be done as per the prescribed guidelines and report in this regard will be submitted to Regional Office of the Ministry as a part of six monthly compliance report.
ii	The ambient noise levels should confirm to standards prescribed under E(P) Rules, 1986 viz.75 dB (A) during day time and 70 dB (A) during night time.	Ambient noise levels at the plant boundary will be within the standards prescribed under EPA Rules viz 75 dB (A) during day time and 70 dB (A) during night time.
<b>V. Energy Conservation measures</b>		
i	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, Street lights, parking around project area and maintain the same regularly.	Solar lights in common area, street lights and parking area will be provided. However, feasibility of solar power generation on roof tops of building will be explored.
ii	Provide the project proponent for LED lights in their offices and residential areas.	LED lights will be provided in offices & guest house.
iii	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	Fly ash and slag will be used as per BIS standard to manufacture PPC and PSC respectively.
<b>VI. Waste management</b>		
i	The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Trans boundary Movement) Rules, 2016.	Used oil will be collected in drums and disposed through CPCB authorized recyclers as per the Hazardous & Other waste (Management & Trans-boundary Movement) Rules, 2016.
ii	Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on types and sizes of plant)	Noted.
<b>VII. Green Belt</b>		
i	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The green belt shall inter alia cover the entire periphery of the plant.	Green belt will be developed in 33 % of the total plant area with a native trees species in accordance with CPCB guideline.
ii	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	GHG emissions inventory for the plant and program for reduction in the same will be prepared and submitted.
<b>VIII. Public hearing and Human Health issues</b>		
i	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster management plan shall be implemented.	Emergency preparedness plan based on the Hazard identification and Risk assessment (HIRA) and Disaster Management Plan will be prepared and implemented.
ii	The PP shall provide personal protection equipment (PPE) as per the norms of Factory Act.	Personal protective equipment's will be provided as per the norms of Factory Act.
iii	Provision shall be made for the housing construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Temporary housing within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile STP, safe drinking water, medical health care, crèche etc. will be provided.
<b>IX. Corporate Environment Responsibility</b>		
i	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 <sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted & will be complied.
ii	The company shall have a well laid down	Company already have corporate

	environmental policy duly approved by the Board of Directors, The environmental policy should prescribed for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forests/ wildlife norms/ conditions and/or shareholders/ stake holders. The copy of the board resolution on this regard shall be submitted to the MoEF&CC as a part of six monthly report.	environmental policy and system of the reporting of any infringements/ non-compliance of EC conditions. Same will be followed in the proposed clinker grinding unit. Report will be submitted six monthly to the MoEF&CC time to time.
iii	A separate Environmental Cell both at the project and company head quarter, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization.	A separate environmental management cell will be established to carry out various management and monitoring functions under the control of senior Executive.
iv	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year wise funds earmarked for environmental protection measures shall be kept in a separate account and not be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the SEIA, Odisha/ Regional Office along with the Six monthly compliance report.	Action plan for implementing EMP along with responsibility matrix of the company will be implemented.  The year wise funds earmarked for environmental protection measures shall be kept in separate account & all recommendation will be implemented along with the plant commissioning.
v	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted & will be complied.
vi	All the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP) for the cement plants shall be implemented.	All CREP recommendation will be implemented.
<b>X. Miscellaneous</b>		
i	The project proponent shall make public the environment clearance granted for their project along with the environmental conditions and safeguards at their costs by prominently advertising it at least in two local newspapers of the District or State, of Which one shall be in the vernacular language within seven days, and in addition this shall also be displayed in the project proponent's website permanently and a copy of the same should be forwarded to the Regional Office, MoEF&CC, Bhubaneswar as well as State Pollution Control Board, Odisha.	Environmental clearance vide letter no. 5859/SEIAA has been already published in two local newspapers. i.e. Odisha post and sambad and same has been displayed on industry website <a href="http://www.shreecement.com">www.shreecement.com</a> Copy of same has been submitted to the Regional Office, MoEF&CC, Bhubaneswar as well as State Pollution Control Board, Odisha.
ii	The copies of the environment clearance shall be submitted by the project proponents to the Heads of Local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	The copies of Environmental clearance has been submitted to the Heads of Local bodies, Panchayats and Municipal Bodies.
iii	The project proponent shall upload the status of the compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on half	Compliance status will be uploaded to company website and also sent to the Regional office of the MoEF, Zonal office of CPCB & SPCB.

	yearly basis.	
iv	The project proponent shall monitor the criteria pollutants level namely, PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	PM10, PM2.5, SO2, NOx level will be monitored on regular basis and data will be submitted to the authorities timely. Data will be displayed on main gate of plant, same will also be put on website of the company.
v	The project proponent shall also submit six-monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitor data (both in hard copies as well as by E-mail) to the Regional office of MoEF&CC, Bhubaneswar, the respective Zonal office of CPCB, the SPCB and shall j update the same on the environmental portal of the Ministry. The Regional office of MoEF&CC at Bhubaneswar/ CPCB/ SPSCB shall monitor the stipulated conditions.	We have submitted six monthly compliance report on the status of the compliance of the stipulated environmental conditions including results of monitored data hard copies as well as by-mail to the Regional Office of MoEF&CC, Zonal Office of CPCB and the SPCB.
vi	The project proponent shall submit the environmental statement for each financial year in Form- V to the concerned State Pollution Control Board as prescribed under Environmental (protection) Rules, 1986, as amended subsequently and put on the website of the company and shall also be sent to the Regional Office of the MoEF&CC at Bhubaneswar by E-mail.	Environmental statement for each financial year ending 31 <sup>st</sup> march in form-V will be submitted to the State Pollution Control Board after starting the operation; also it will be put on the website of the Company along with the status of compliance of EC conditions and shall be sent to the regional office of the MoEF by e-mail.
vii	The project proponent shall inform the Regional Office as well as the SEIAA, Odisha, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted, will be complied.
viii	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	All recommendation/ Stipulation of Jharkhand State Pollution Control Board and the state Government will be implemented.
ix	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report commitment made during public hearing and also that during their presentation to the State Expert Appraisal Committee.	Agreed with.
x	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Odisha.	Prior permission will be taken for further expansion.
xi	Concealing factual data or submission of false/ fabricated data results in revocation of this environmental clearance and attract action under the provisions of Environment (protection) Act, 1986.	Noted.
xii	The SEIAA, Odisha may revoke or suspense the clearance, of implementation of any of the above conditions is not satisfactory.	Noted.
xiii	The SEIAA, Odisha reserves the right to stipulate the additional conditions of found necessary. The company in a time bound manner shall implement these conditions.	Noted.

xiv	The Regional office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the office (s) of the Regional Office by furnishing the requisite data/ information monitoring reports.	Agreed with. Full cooperation will be provided by SCL to the Regional office by furnishing the requisite data/information monitoring reports.															
<b>A. Specific Conditions</b>																	
1.	Environmental clearance granted. Bulk of the transport will be by railways with permission of WR Dept. The water requirement will be sourced primary from Mahanadi River. Rain water harvesting system shall be installed so as to have the capacity to harvest all the precipitation in a year in the surface area inside the premises.	Agreed with. To accomplish water requirement we have applied for allocation of 0.14 cusec of water from Mahanadi River.															
2.	The Environmental Clearance is granted for installation of Clinker Grinding unit of capacity 5.5 MTPA for Production of Portland pozzolana cement (PPC), Ordinary Portland Cement (OPC) and Portland slag cement (PSC) in two phases (phase – I: 3.0 MTPA along with DG sets 2x500 KVA + 1x 250 KVA and please- II: 2.0 MTPA along with 20 MW Captive Thermal Power Plant and Residential Colony of 100 dwelling units).	Noted.															
3.	The unit shall comply the following prescribed stack emission standards attached to the ESP of Captive Power Plant as per the Gazette of MoEF&CC, Govt. Of India vide S.O.3305 (E), dated 07.12.2015.	Noted & will be complied.															
	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Parameters</th> <th>Prescribed standard (mg/Nm<sup>3</sup>)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Particulate matter (PM)</td> <td>30</td> </tr> <tr> <td>2.</td> <td>Sulphur Dioxide (SO<sub>2</sub>)</td> <td>100</td> </tr> <tr> <td>3.</td> <td>Oxides of Nitrogen (NO<sub>x</sub>)</td> <td>100</td> </tr> <tr> <td>4.</td> <td>Mercury (Hg)</td> <td>0.03</td> </tr> </tbody> </table>	Sl. No.	Parameters	Prescribed standard (mg/Nm <sup>3</sup> )	1.	Particulate matter (PM)	30	2.	Sulphur Dioxide (SO <sub>2</sub> )	100	3.	Oxides of Nitrogen (NO <sub>x</sub> )	100	4.	Mercury (Hg)	0.03	
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4.	The National Ambient Air Quality Standards Issued by the MoEF&CC, Govt. of India vide G.S.R. No. 826. (E) Dated 16 <sup>th</sup> November, 2009 shall be followed.	Noted & will be followed with National Ambient Air Quality Standards Issued by the MoEF&CC, Govt. of India vide G.S.R. No. 826. (E) Dated 16 <sup>th</sup> November, 2009.															
5.	Diesel Power generating sets proposed as source of backup power shall be of enclosed type and confirm to the rules made under Environmental (protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity off all proposed DG sets. Only more sulphur Diesel will be used. The location of the DG sets may be decided in consultation with State Pollution Control Board.	Not Applicable.															
6.	The height of the stack attached to the DG set shall confirm to the following: H=h+0.2 √kVA (Where, h= Height of the building where it is installed in meter. KVA= Capacity of D.G. Set and H= Height of the stack in meter above ground level).	Not Applicable.															
7.	The proponent shall not use pet coke as fuel in Captive Power Plant (CPP) and Hot Air Generator	Noted & will be complied.															



	(HAG).																
8.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agriculture land by the use of conveyors/ rail more of transport wherever feasible. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored.	Agreed with. Raw materials and end products will be transferred by covered conveyors in plant premises and vehicles will be covered while transportation by means of Road.															
9.	Ground water shall only be used during construction period with prior approval from the concerned authority and obtain permission from concerned authorities for seawall of surface water for industrial purpose.	Permission for abstracting ground water is obtained dated from CGWA 05/04/2018 and State water resource department 28/03/2019  Also permission for surface water uses from Mahanadi is obtained dated on 27/10/2018.															
10.	The domestic waste water generated from the residential colony shall be treated in Sewage Treatment Plant of capacity 60 KLD to meet the following standards as notified by the MoEF&CC, Govt. of India vide G.S.R.1265. (E), dated 13.10.2017. The treated water shall be reused for flushing, gardening and plantation to the maximum possible extent.	Sewage treatment plant for treatment of domestic waste water will be installed so that the treated water can be reused for Green belt development.															
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11.	All the treated water shall be recycled and reused in the process and/ or for first suppression and green belt development and other plant related activities etc. No waste water shall be discharged outside the factory premises and Zero Liquid Discharge outside the factory premises and Zero Liquid Discharge (ZLD) shall be adopted.	Agreed with.  Domestic sewage water will be treated in STP and treated water will be used for plantation purpose.  RO reject water will be reused for mill spray.															
12.	Ash generated from Captive Power plant (CPP), Hot Air generator (HAG) and dust generated from APC devices shall completely reused in cement manufacturing process. Spent oil and batteries shall be sold to authorized recyclers/ re-processors only.	Ash generated from Captive Power plant (CPP), Hot Air generator (HAG) and dust generated from AP. Services will be reused completely in cement manufacturing process.															
13.	STP sludge shall be used as manure for green belt development/ plantation.	Agreed with. STP sludge will be used as manure for green belt development.															
14.	Garbage / food waste from the colony, Canteen & Guest House shall be used for Vermicomposting and to be used as manure for greenbelt development.	Agreed with. Garbage/food waste generated from Canteen/Guest house/Colony will be used for Vermicomposting to be used as manure for greenbelt development.															
15.	Green belt over 33% (22.56 acres as proposed) of the total project area shall be developed within plant premises with at least 10 meters wide green belt on all sides along the periphery of the project area and along road sides etc. By planting native and broad leaves species in consultation with local DFO, local community and as per the COCB guidelines.	Noted & Will be complied.															

16.	The project proponent shall provide solar light system for all common areas, Street lights, villages, parking around project area and maintain the same regularly. The proponent shall use solar/Renewable energy of 5% of the expected actual per requirement.	Solar lights in common area, street lights and parking area will be provided. However, feasibility of solar power generation on roof tops of building will be explored.
17.	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on public hearing issues, locals need and item-wise details along with the time bound action plan shall be prepared and submitted to the SEIAA, Odisha and Regional Office, MoEF&CC, Bhubaneswar. Implementation of such program shall be ensured by constituting a committee comprising of the proponent, representatives of village and District Administration. Action taken report in this regard shall be submitted to the SEIAA Odisha as well as to the Regional Office, MoEF&CC, Bhubaneswar.	All recommendation will be implemented along with the plant commissioning.
18.	In addition to the above provision of ESC, the proponent shall prepare a detailed CSR plan for the next 5 years including annual physical and financial targets for the project, which includes village-wise, sector-wise (Health Education, Sanitation, Skill Development and infrastructure etc.) activities in consultation with the local communities and administration. The plan so prepared shall be based on SMART (Specific, Measurable, Achievable, Relevant and Time bound) concept. The expenditure should be aimed at the sustainable development and direct free distribution and temporary relief sold not be included. The CSR plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the companies Act, 2013 which provides 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and annual capital and revenue expenditure on various activities of the plan shall be submitted as a part of the compliance Report to the SEIAA, Odisha and Regional Office, MoEF&CC, Bhubaneswar. The details of CSR plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.	Agreed. Detailed CSR plan for the next 5 years including annual physical and financial targets for the project activities in consultation with the local communities and administration will be prepared. A separate budget head will be allotted and annual capital and revenue expenditure on various activities of the plan will be submitted as a part of the compliance Report to the SEIAA, Odisha and Regional Office, MoEF&CC, Bhubaneswar. The details of CSR plan will also be uploaded on the company website and shall also be provided in the Annual Report of the company.
19.	A Risk Assessment study and Disaster preparedness and management plan along with the mitigation measures shall be prepared with a focus on Disaster preventative and a copy submitted to SEIAA, Odisha, Regional Office MoEF&CC, Bhubaneswar, SPCB and CPCB within 3 months of issue of this environment clearance.	Noted. Risk Assessment study and Disaster preparedness and management plan will be prepared and submitted to SEIAA, Odisha, Regional Office MoEF&CC, Bhubaneswar, SPCB and CPCB.
20.	To educate the workers, all the work places where dust may cause a hazard shall be clearly indicates as a first exposure area through the use of display signs which identifies the Hazard and the associated health effects.	Noted & Complying. Display signs which identify the Hazard and the associated health effects are displayed at work places to educate workers.
<b>B. General Conditions:</b>		
1.	The construction and demolition wastes to be	Noted & will be complied.

	generated from the proposed project shall be disposed of in accordance with the provisions of "Construction & Demolition Wastes Management Rules 2016".	
2.	Municipal waste shall be disposed of as per the solid Waste Management Rules, 2016 and amendment thereafter.	Agreed. Municipal waste will be disposed of as per the solid Waste Management Rules, 2016.
3.	The company shall develop rain water harvesting structure to harvest the rain water for utilization in the mean seasons besides recharging the ground water table.	Rainwater harvesting structures will be constructed to harvest the rain water
4.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake Socio-economic Development Activities in the surrounding villages like Community Development Programmes, Educational programmes, drinking water supply and health care etc.	Environmental protection measures and safeguards recommended in EIA/ EMP will be implemented.
5.	Project authorities shall inform the SEIAA, Odisha as well as the Regional Office, MoEF&CC, Bhubaneswar, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Noted & will be complied.
6.	The above conditions shall be enforced, inter-alia under the provisions of the Water (prevention & Control of pollution) Act,1974, the Air (prevention & control of pollution) Act, 198, the Environment (protection) Act, 1986, Hazardous & Other wastes (Management and Transboundary Movement) Rules, 2016 and the public (Insurance) Liability Act, 1991 along with their amendments and rules.	Noted.
7.	Any appeal against this 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.
8.	The above mentioned stipulated conditions shall be complied in a time-bound manner. Failure to comply with any of the mentioned above may result in cancellation of this environmental clearance and attract action under the provisions of Environment (protection) Act, 1986.	Noted.