



The Ramco Cements Limited

Project Office,
2nd Floor, Mahalaxmi Complex,
Sankharidiha
P.O. & P.S. Dharmasala
Jajpur District. Odisha-755008
Website : www.ramcocements.in
Corporate Identity Number :
L26941TN1957PLC003566

TRCL OGP/MoEF-Ro/001/2018

Date: 27.09.2018

10.10.2018

Refer
10/10/18

To

The Addl. Principal Chief Conservator of Forests (C)
Ministry of Environment, Forest and Climate Change,
Regional Office (EZ), A/3, Chandrasekharapur,
Bhubaneswar – 751 023

Dear Sir

Sub: Submission of six months compliance report –reg.

As per General and Specific conditions in the MoEF & CC Environmental Clearance please find attached six monthly compliance reports for the period April 2018 to September 2018.

Kindly acknowledge on the receipt of the same.

Yours faithfully,

For THE RAMCO CEMENTS LIMITED



Sudhansu Gantayet
Sr.General Manager (Works)

Encl: Compliance report

Received.

10/10/18

PS to APCCF (Central)
GOI, M/o Env't & Forests
Eastern Regional Office
Bhubaneswar-751023

**The Ramco Cements Limited, Odisha Grinding Plant
Compliance Status of EC Conditions (0.90 MTPA)
(EC Ref. No. 3731/SEIAA, F.No. 19448/31-IND/05.2017, Dated 26.10.2017)**

Specific Conditions:

S. No	Specific Conditions	Compliance Status						
1	<p>Transportation of raw material and finished products shall be primarily through railways i.e. transportation by railways should not be less than 90% of the traffic (inward and outward put together) as proposed by the proponent as per MoEF & CC, Govt. of India OM No. J-13012/12/2013-IA-II (I), dated 24th Dec, 2013.</p> <p>The project proponent shall complete the work of lying of Railway line and the main project as per proposed time schedule so that there is no time gap between the two. Under no circumstances the proponent shall go for production activity without completion of lying of Railway line.</p>	<p>As per MoEF & CC notification 2013, main raw material for manufacturing of cement products are Clinker will be brought by rail from TRCL plants. Dry flash will be taken from power plants such as IMFA, FACOR, etc located in near Jajpur district. Gypsum will be procured from fertilizer factory at Paradeep and Slag will be procured from nearby Steel plants. Transportation by railways being followed as per MoEF & CC Notification.</p> <p>TRCL will complete the work of lying of Railway line and the main project as per our proposed time schedule. There is no time gap between the two. TRCL will start production activity after completion of railway line and CTO.</p>						
2	<p>The environmental clearance is granted for cement grinding unit of following production capacity.</p> <table border="1" data-bbox="191 1500 790 1758"> <thead> <tr> <th>Product</th> <th>Capacity</th> </tr> </thead> <tbody> <tr> <td>Portland Slag Cement (PSC)</td> <td rowspan="3">0.9 MTPA</td> </tr> <tr> <td>Portland Pozzolona Cement (PPC)</td> </tr> <tr> <td>Ordinary Portland Cement (OPC)</td> </tr> </tbody> </table>	Product	Capacity	Portland Slag Cement (PSC)	0.9 MTPA	Portland Pozzolona Cement (PPC)	Ordinary Portland Cement (OPC)	<p>Being complied.</p>
Product	Capacity							
Portland Slag Cement (PSC)	0.9 MTPA							
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3	<p>The project proponent should install 24X7 air monitoring devices to monitor air emissions, as provided by the CPCB and submit report to the SEIAA, Odisha and</p>	<p>The plant is under construction stage. After construction of plant TRCL will install 2 nos of 24X7 air monitoring device at site.</p>						

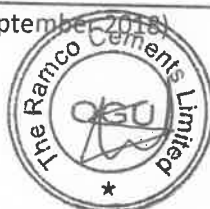


	Regional Office, MoEF & CC, Bhubaneswar.	Data on ambient air quality and stack emission report being submitted regularly to the SEIAA and MoEF & CC, Regional office, Odisha.
4	<p>As laid down in MoEF & CC, Govt. of India guidelines vide GSR.No.612 (E) dated 25th August, 2014 and subsequent amendment dated 9th May, 2016 and 10th May, 2016 regarding cement plants with respect to particulate matter, SO₂ and NO_x, the prescribed standards to be followed is as follows:</p> <p>(i) PM-30 mg/Nm³ (ii) SO₂-100 mg/Nm³, 700 mg/Nm³ and 1000 mg/Nm³ when pyritic sulphur in the limestone is less than 0.25%, 0.25% to 0.5% and more than 0.5% respectively. (iii) NO_x-600 mg/Nm³</p>	<p>Plant is under construction stage. After completion of construction activities the emission levels being followed as per CPCB/MoEF & CC prescribed standards.</p> <p>PM - 30 mg/Nm³ being controlled. There is no Clinker Production in this Grinding Unit. Hence there is no SO₂ & NO_x emission.</p>
5	Continuous stack monitoring facilities to monitor gaseous emissions from the process stacks shall be provided. Limit of PM shall be controlled to meet prescribed standards by installing adequate air pollution control.	After completion of construction activities, the continuous stack monitoring facilities to be monitored. The limit of PM to be followed as per prescribed standards. Pulse Jet Bag filters being installed at all the stacks as well as all the transfer points for control of dust emissions.
6	The National Ambient Air Quality Standards issued by the MoEF & CC, Govt. of India vide G.S.R.No.826 (E) dated 16 th November, 2009 shall be followed.	<p>All care to be taken to maintain the ambient air quality standards as per GSR 826 (E) dated 16.11,2009 and subsequent amendment.</p> <p>All applicable parameters are monitored in and around the plant and the reports are periodically sent to the board.</p>
7	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines/Code of Practice issued by the CPCB in this regard shall be followed.	Periodical monitoring of secondary fugitive emission is being carried out all the roads, construction areas, etc.

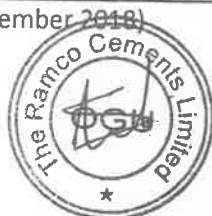
8	All the raw materials shall be stored under covered shed (as proposed) to control fugitive emission.	There are RCC Silos for storing Clinker (35,000 Tons x 2), Fly Ash (1,000 Tons) steel silo. The Chemical Gypsum is stored in a covered Storage Yard of 3,000 Tons capacity and Wet slag is stored at storage yard of 2000 Tons capacity. The Coal is stored in a covered storage yard of 500 Tons capacity.
9	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 conveyors/rail mode of transport wherever feasible. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored. The proponent shall complete the Rain Head and the cement plant simultaneously so that the village road will not be used for raw material and finished product transportation.	Jet Pulse Bag Filters are being installed in the Cement Mill, Classifier/O-Separator and Packing Plants Stacks to control the SPM emission <30 mg/Nm ³ . The company provided around 14 acres out of 100 acres for truck parking. All point sources and material transfer points are provided with Bag Filters to control Fugitive emission. Plant roads are concretized after construction and Mechanical Sweeping Machines are used to clean the Plant roads periodically.
10	All the treated waste water shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No waste water shall be discharged outside the factory premises and 'zero' discharge shall be adopted.	There is no trade effluent generation from the Unit. Domestic sewage to the tune of 10 cu. m/day is generated, which is biologically treated in the Septic Tanks followed by a Dispersion Trenches.
11	Efforts shall be made to make use of harvested rain water.	TRCL proposed four nos of rain water recharging tank with central shaft arrangements having capacity of 7500X4 M ³ respectively.
12	All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers/re-processors only.	Bag filter dust, raw mill dust, coal dust, clinker dust and Cement dust from bag filters will be collected and reutilized in the process itself. Spent oil and used batteries to be sold to authorized recyclers/re-processors.



13	Green belt over 33% (33 acres as proposed) of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area and along road sides etc. by planting native and broad leaved species in consultation with local DFO, local community and as per the CPCB guidelines.	Pollution tolerant species will be selected for plantation after consultation with local DFO Vide letter no. 6007/5F (Mines. & Misc.)125/2018 dated Cuttack 28.06.2018. The plantation work is under process. TRCL will develop a 3-Tier green belt with 33% coverage. It is proposed to have 10 meter wide of green belt along the boundary in first phase. A distance of 2.0 meter will be maintained from the compound wall for the trees. 5 no tress will be planted in a row in 2 x 2 m grid. In the first phase, total number of trees to be planted is about 1500.						
14	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 areas.	Being complied						
15	The project proponent shall provide LED lights in their offices and residential areas.	Being complied. So far 15 Nos LED Lights installed.						
16	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement Plants shall be implemented.	All the recommendation being made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement Grinding Plant is complied with.						
17	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	<table border="1"> <thead> <tr> <th data-bbox="831 1480 884 1563">S.I</th> <th data-bbox="884 1480 1182 1563">Description</th> <th data-bbox="1182 1480 1434 1563">Amount</th> </tr> </thead> <tbody> <tr> <td data-bbox="831 1563 884 1944">1</td> <td data-bbox="884 1563 1182 1944">Phase-I: Cleaning, Leveling, dressing, shifting, unwanted materials from existing Kalpataru Das Stadium and Children's park including surrounding area.</td> <td data-bbox="1182 1563 1434 1944">June 1,99,000</td> </tr> </tbody> </table>	S.I	Description	Amount	1	Phase-I: Cleaning, Leveling, dressing, shifting, unwanted materials from existing Kalpataru Das Stadium and Children's park including surrounding area.	June 1,99,000
S.I	Description	Amount						
1	Phase-I: Cleaning, Leveling, dressing, shifting, unwanted materials from existing Kalpataru Das Stadium and Children's park including surrounding area.	June 1,99,000						



<p>and time bound) concept. The expenditure should be aimed at sustainable development and direct free distribution and temporary relief should 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 provided for 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 the annual capital and revenue expenditure on various activities of the Plan shall submitted as part of the Compliance Report to the SEIAA, Odisha and Regional Office, MoEF & CC, Bhubaneswar. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the Company.</p>	2	Pond de-siltation work at Nanpur village	April 2,64,000
	3	Approach road from PWD (Rural Development Road) road to Haridaspur railway crossing near Bhatijanga Village	June 70,00,000
	4	Invertor provided to Temple at Bhatijanga village	March 24,000
	5	Drilling of Bore wells including installation of Hand pump: Jaraka village Children's Park (Without water pump),Muraripur village,Jogarda village and Raghunathpur Sana Villages	June 4,94,700
	6	Water Purifier & Cooler installed at Sub-Registrar Office, Dharmasala	May 39,000
	7	Marbles & Tiles for Bartijaanga village	May 2,50,000
	8	Sponsorship of National level Kabadi Tournament at Dharmasala block.	20,000
	9	Sponsorship of poetry festival organised by Odia Literary Magazine	June 20,000



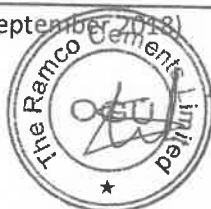
		at Haridaspur.	
		10 Paint and renovation work at Shiva Temple	April 30,000
		11 Pre medical camp at Kalpataru Stadium (Sribntapur, Nanpur, Bhatijanga, Haridaspur, Raghunathpur, Jaraka)	Aug 508200
		Total	88,48,900
18	A Risk Assessment study and Disaster Preparedness and Management Plan along with the mitigation measures shall be prepared with a focus of Disaster Prevention and a copy submitted to the SEIAA, Odisha, Regional Office, MoEF & CC, Bhubaneswar, SPCB and CPCB within 3 months of issue of environment clearance letter.	Being complied.	
19	To educate the workers, all the work places where dust may cause a hazard shall be clearly indicated as a dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.	TRCL appointed one well experienced Environmental Engineer to educate the workers about work places dust control and hazard indicated as a dust exposure area and health effects, etc. TRCL provided rubber padding / noise isolators, silencers etc.	
20	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	TRCL provided temporary housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing provided labour in the form of temporary structures, after completion of construction activity the temporary housing to be removed.	



General Conditions:		
1	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board, Odisha.	We have obtained Consent to establishment vide No. 14349/IND-II-NOC-6109, dated 28.10.2017 from the State Pollution Control Board, Odisha and effectively being implemented all the conditions stipulated therein.
2	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Odisha.	Agreed, Expansion/modification will be carried out with prior approval. Environmental Clearance obtained from SIAA, Odisha vide ref.no. 3731/SEIAA, dated 26.10.2017 and Consent to establishment vide No. 14349/IND-II-NOC-6109, dated 28.10.2017 from the State Pollution Control Board, Odisha.
3	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to the SEIAA, Odisha, Regional Office, MoEF & CC, Bhubaneswar and the SPCB/CPCB once in six months.	The plant is under construction stage, after completion of construction activity, TRCL will install 4 nos of ambient air quality monitoring station in the downwind direction as well as maximum ground level concentration of PM10, PM2.5, SO2 and NOx in consultation with SPCB. Regular Ambient air quality and stack emission data being submitted regularly to SEIAA, Odisha, MoEF & CC Regional office and SPCB/CPCB after completion of construction activities.
4	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, Silencers, enclosures, etc. on sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	TRCL will maintain noise level in and around the plant and one meter from the source shall be maintained at less than 85 db (A). Noise level at the nearest plant boundary will be <75 dB (A) during day times and <70 dB (A) during night times well within standards as prescribed by CPCB/MoEF under EPA Rules, 1989 viz. including acoustic hoods, silencers, enclosures, etc.



5	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	All workers provided personnel protective equipment (PPEs). All efforts is taken and followed by TRCL to avoid the accidents and have a good 'Occupational Environment'. A fully equipped Occupational Health Centre is being established and an Onsite Emergency Preparedness Plan is in place in the Unit. Entry Level and Periodical Medical Examinations of the Employees is being undertaken by the Unit. The Medical Reports are reviewed and evaluated for Occupational Health related problems periodically.
6	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	TRCL proposed to construct water conservation tank around 30000 m ³ storage capacities. The tanks dimension will be Length 60m, Width 50m, Depth 2.5m. Thus storage capacity of water conservation structures will be 7500 X 4 cum.
7	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.	During construction phase, TRCL will provide ear muffs / plugs, Restricting noise prone activities during day time only, rubber padding / noise isolators, silencers for machines.
8	Requisite fund shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the SEIAA, Odisha as well as the State Pollution Control Board, Odisha. An implementation schedule for implementing all the conditions stipulated herein shall be	A budgetary allotment for proposed project is Rs.13.30 crores has been made as Capital Cost for Pollution Control Measures and Rs.30.00 lakhs per annum towards Operating Cost.



	submitted to the Regional Office, MoEF & CC, Bhubaneswar. The funds so provided shall not be diverted for any other purpose.	
9	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 suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Copy of Clearance letter sent to concerned local body and placed our company website.
10	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitoring data on their website and shall update the same periodically on the MoEF & CC website. It shall simultaneously be sent to the Regional Officer of the MoEF & CC at Bhubaneswar, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Being Complied
11	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored 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 and the SPCB and the same shall be uploaded on the website of	Being complied.



	MoEF & CC, Govt. of India. The Regional Office of MoEF & CC at Bhubaneswar/CPCB/SPCB shall monitor the stipulated conditions.	
12	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the Regional Office of the MoEF & CC at Bhubaneswar by e-mail.	Being complied
13	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA, Odisha and copy of the clearance letter is available with the SPCB and may also be available in the website of the SEIAA, Odisha. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office, MoEF & CC, Bhubaneswar as well as State Pollution Control Board, Odisha.	The advertisements were given in two local newspapers viz The Statesman (English) on dated 08.11.2017 and Samaya (Odia) on dated 14.11.2017. The copy of the same forwarded to the Regional office, MoEF & CC, Bhubaneswar as well as State Pollution Control Board, Odisha.
14	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.



The Ramco Cements Limited, Odisha Grinding Plant, Haridaspur, Jajpur District

15	The SEIAA, Odisha may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed
16	The SEIAA, Odisha reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed
17	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, 1981, 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.	Agreed
18	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.	Nil

