



Government of India/ भारत सरकार
Ministry of Environment, Forest & Climate Change/ पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Eastern Regional Office/ पूर्वी क्षेत्रीय कार्यालय
A/3, Chandrasekharpur/ ए/३, चन्द्रशेखरपुर
Bhubaneswar - 751 023/ भुवनेश्वर - ७५१ ०२३



Telephone: 0674- 2301213, 2301248, 2302452, 2302453. Fax: 0674-2302432. E-mail: roez.bsr-mef@nic.in

संख्या 110-289/ई.पी.ई / 382-H स्पीड पोस्ट

30-05-2017

सेवा में,

श्री एम्. श्रीनिवासन,
प्रेसिडेंट,
रामको सिमेंट्स लिमिटेड,
कॉर्पोरेट ऑफिस : म्येलापोर,
चेन्नई - 600 004
फ़ोन : 044-28478666

विषय : रामको सिमेंट्स लिमिटेड परियोजना के अनुपालन पत्र की प्रमाणित पत्र के संबंध में ।

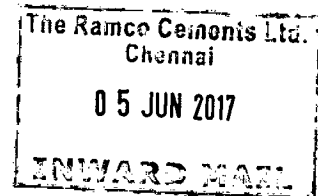
महोदय,

मुझे यह सूचित करने का निर्देश हुआ है कि इस कार्यालय द्वारा दिनांक 12.05.2017 को उपरोक्त परियोजना की मोनीटरिंग की गई । इस सन्दर्भ में अनुपालन पत्र की प्रमाणित पत्र आप के आवश्यक कारवाई हेतु संगलग्न है ।

संगलग्नक: उपरोक्त

भवदीय,

(डॉ. ए. के. गुप्ता)
संयुक्त निदेशक (वै)







Telephone: 0674- 2301213, 2301248, 2302452, 2302453. Fax: 0674-2302432. E-mail: roez.bsr-mef@nic.in

No.110-289/EPE

30-05-2017

Sub: Issuing of Certified Compliance Report in respect of Ramco Cements Limited, Kolaghat Grinding Plant

Ref: SEIAA EC No. EN/118/T-II-1/088/2007 dated 05.01.2008

This project was monitored by Regional Office, Ministry of Environment, Forest and Climate Change, Bhubaneswar on 12.05.2017. During monitoring various project officials viz., Shri Krishnamurty, Environmental Officer, unit head and Safety Officer were also present.

A. Specific Conditions		Status of Compliance
i.	The gaseous emissions from various process units should conform to the load/mass based standards prescribed by the Ministry of Environment & Forest and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards. There is no Clinker Production in this Grinding Unit.	As per submitted reports, It has been noticed that SPM emissions from project was found around 0.264 g/sec. However, load based emission was computed to be 9.14 g/Ton of Cement produced. Thus, the emission levels were well within the norms stipulated by SPCB and MoEF & CC.
ii.	Cement grinding shall be carried out in closed cement mill. Further, provision of dust extraction and pollution control system consisting of highly efficient Bag Filters, ID Fan and minimum stack height of 30m from G.L. should be made for control of emission. Stack emissions shall be monitored at regular intervals and records maintained. The stack emissions should not exceed 50 mg/Nm ³ as proposed.	It has been found that PAs are conducting cement grinding in closed circuit cement mill. Pulse Jet Bag filters are installed at all Stacks as well as at all the transfer points for controlling of the dust emission. As informed, stack heights at this Unit are from 37.0 m to 43.5 m above ground level. Stack emissions are being monitored regularly by a NABL accredited laboratory and the level of SPM emissions were well below the stipulation made by MOEF&CC. PAs have also installed Online monitoring system (Forbes Marshall Model DECM 2100) for Cement Mill Stack. One Continuous Ambient Air Quality Monitoring Station (Metone USA) is also installed in the premises (Administrative Building) and connected to Central Pollution Control Board (CPCB) since 12.06.2015.
iii.	The height of stacks should be as per the proposal and presentation.	It has been found that height of the stack are from 37.0 m to 43.5 m above ground level (GL) against stipulated the minimum stack height of 30 m from GL.
iv.	Air quality monitoring data from at least three locations within 2 km of the plant premises should be submitted.	It has been found that PAs have conducted periodical monitoring of Ambient Air Quality (AAQ) is carried out at 3 locations within 2 km from the Unit. As per analysis reports data are found within the limits.
v.	Finished cement should be collected in silo and packing should be done through pneumatically controlled	It has been found that PAs have collected finished cement in two silos each having capacity of 5000 MT and packing of cement done by pneumatically

	system. Suction system should be installed at packing section to minimize fugitive emissions.	controlled electronic packer. PAs have also installed Jet Pulse Bag filters for controlling of fugitive emissions in the packaging plant area.
vi.	All vibrating screens, storage bins will be adequately covered. Covered storage yards shall be provided for raw materials. Closed unloading of raw materials and closed conveyor belt for transportation with bag filter at transfer points should be provided. All vibrating screens, storage bins, conveyors, etc. are fully covered to control the Fugitive Emissions.	It has been found that PAs are having RCC Silos for storing of Clinker (35,000 Tons), Fly Ash (1,000 Tons) and Cement (2 Nos. of 5,000 Tons each). The Chemical Gypsum is stored in a covered Storage Yard of 5,000 Tons capacity. Jet Pulse Bag Filters are installed in the Cement Mill, Classifier/O-Separator and Packing Plants Stacks to control the SPM emission $<50 \text{ mg/Nm}^3$. All point sources and material transfer points are provided with Bag Filters to control fugitive emission. Plant roads are also concretised and Mechanical Sweeping Machines (2 Nos.) are used to clean the Plant roads on periodically basis.
vii.	Dust suppression system should be provided to arrest fugitive emission.	It has been found that PAs are installed bag filters on all transfer points to control fugitive emission. Plant roads are also concretised and Mechanical Sweeping Machines (2 Nos.) are used to clean the Plant roads on periodically basis.
viii.	Adequate dust suppression and extraction system and should be provided in material storage areas, material unloading and transfer points for controlling fugitive emission. Fugitive dust emissions from ball mill and storage areas shall be collected in bag filters and recycled back to the process. Water sprinkling arrangement shall be made in the raw material stock yards, cement bag loading areas and other high dust potential areas.	As stated earlier PAs are having RCC Silos for storing of Clinker (35,000 Tons), Fly Ash (1,000 Tons) and Cement (2 Nos. of 5,000 Tons each). The Chemical Gypsum is stored in a covered Storage Yard of 5,000 Tons capacity. Jet Pulse Bag Filters are installed in the Cement Mill, Classifier/O-Separator and Packing Plants Stacks to control the SPM emission $<50 \text{ mg/Nm}^3$. All point sources and material transfer points are provided with Bag Filters to control Fugitive emission.
ix.	Suction head should be provided at all transfer points.	It has been found that PAs are provided suction head at all transfer points.
x.	Ground water shall not be abstracted without prior permission of competent authority as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.	It has been found that PAs are having two bore wells, which met out there total water requirement. Total raw water is required for Equipment Cooling (55 cu. m/day) & Green Belt (45 cu. m/day) and for Domestic Use (5 cu. m/day). The total Water Demand of 105 cu. m/day is met from 2 Nos. permitted Tube wells within the Plant (in Plot Nos. 499 & 1031) under the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005 vide Permit Nos. P1142293004990000001TLE and P1142293010310000001TSE dated 08.04.2008. Permission has been given to RCL for drawing about 145.5 cu. m/day from these 2 Tube wells for Industrial and allied domestic use.
xi.	Process effluent discharge is not permitted under this environmental clearance.	There is no trade effluent generation from the Unit. However, domestic sewage to the tune of 5 cu. m/day is generated now which is biologically treated in the Septic Tanks (about 7 Nos.) followed by a Dispersion

	with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational Health Centre is 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.																								
xix.	Adequate measures to be adopted to ensure industrial safety. Proper fire detection & protection systems to be provided to control fire & explosion hazards.	It has been found that fire alarm & protection systems are provided to control fire and explosion hazards.																								
xx.	The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.	It has been found that PAs are in process to adhere to all norms of EMP plan.																								
xxi.	The social responsibility programmes must be carried out as per the proposal submitted to SEIAA.	<p>The social responsibility programmes are carried out as per yearly budget. As per information submitted by PAs following expenditure incurred under CSR are as follows:</p> <table border="1"> <thead> <tr> <th>CSR Activities</th> <th>Amount (in Rs)</th> </tr> </thead> <tbody> <tr> <td>Aids to Old Age Home, Kolaghat</td> <td>28,280</td> </tr> <tr> <td>Drinking Water Supply : Bore well for Amalhanda Village</td> <td>66,545</td> </tr> <tr> <td>Books, Note Books & other Stationeries for School Children</td> <td>1,22,070</td> </tr> <tr> <td>To Kolaghat Utsab Committee for Development of Art and Culture-2016</td> <td>5,00,000</td> </tr> <tr> <td>To Local Cultural and Arts Fare Cum Exhibition 2016</td> <td>5,00,000</td> </tr> <tr> <td>Contribution to Sports Activities : Tennis & Swimming Competition</td> <td>39,540</td> </tr> <tr> <td>For Reconstruction of School Buildings, Temples, etc.</td> <td>2,03,963</td> </tr> <tr> <td>CSR upto 31.12.2015</td> <td>14,60,398</td> </tr> <tr> <td><u>CSR during 2016-17 :-</u></td> <td></td> </tr> <tr> <td>Contribution Towards Poor & Meritorious Student Ailing Blood Cancer & Welfare Measures to Students</td> <td>1,10,153</td> </tr> <tr> <td>Total</td> <td>15,70,551</td> </tr> </tbody> </table>	CSR Activities	Amount (in Rs)	Aids to Old Age Home, Kolaghat	28,280	Drinking Water Supply : Bore well for Amalhanda Village	66,545	Books, Note Books & other Stationeries for School Children	1,22,070	To Kolaghat Utsab Committee for Development of Art and Culture-2016	5,00,000	To Local Cultural and Arts Fare Cum Exhibition 2016	5,00,000	Contribution to Sports Activities : Tennis & Swimming Competition	39,540	For Reconstruction of School Buildings, Temples, etc.	2,03,963	CSR upto 31.12.2015	14,60,398	<u>CSR during 2016-17 :-</u>		Contribution Towards Poor & Meritorious Student Ailing Blood Cancer & Welfare Measures to Students	1,10,153	Total	15,70,551
CSR Activities	Amount (in Rs)																									
Aids to Old Age Home, Kolaghat	28,280																									
Drinking Water Supply : Bore well for Amalhanda Village	66,545																									
Books, Note Books & other Stationeries for School Children	1,22,070																									
To Kolaghat Utsab Committee for Development of Art and Culture-2016	5,00,000																									
To Local Cultural and Arts Fare Cum Exhibition 2016	5,00,000																									
Contribution to Sports Activities : Tennis & Swimming Competition	39,540																									
For Reconstruction of School Buildings, Temples, etc.	2,03,963																									
CSR upto 31.12.2015	14,60,398																									
<u>CSR during 2016-17 :-</u>																										
Contribution Towards Poor & Meritorious Student Ailing Blood Cancer & Welfare Measures to Students	1,10,153																									
Total	15,70,551																									
xxii.	All necessary care and safety measures should be taken	As stated earlier PAs have taken majority of safety measures and also PAs have installed various dust collector, two water sprinklers and sufficient green belt to minimize the fugitive emission in the plant.																								
	<p>a) to avoid any structural damage in and around the site and</p> <p>b) to minimize the fugitive emission during the construction of</p> <p>c) Cement plant at the abandoned ash pond of KTPP.</p>																									

(DR. E. K. MITAL)
(DR. E. K. MITAL)

General Conditions:

i.	<p>The project proponent shall comply with all the environmental protection measures and safeguard recommended. Further, the unit must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.</p>	<p>RCL is carrying out a number of CSR activities in its Cement Plant and Limestone Mining Areas and the same practice will be continued at Kolaghat also. About 2.5% of the Project Cost is earmarked for the Corporate Social Responsibility (CSR) measures for the period of 30 years viz. Rs.20.00 lakhs per annum. Kolaghat Unit has spent about Rs.15.70 Lakhs as detailed below :</p> <table border="1" data-bbox="815 470 1450 1297"> <thead> <tr> <th>CSR Activites</th> <th>Amount, Rs</th> </tr> </thead> <tbody> <tr> <td>Aids to Old Age Home, Kolaghat</td> <td>28,280</td> </tr> <tr> <td>Drinking Water Supply : Bore well for Amalhanda Village</td> <td>66,545</td> </tr> <tr> <td>Books, Note Books & other Stationeries for School Children</td> <td>1,22,070</td> </tr> <tr> <td>To Kolaghat Utsab Committee for Development of Art and Culture-2016</td> <td>5,00,000</td> </tr> <tr> <td>To Local Cultural and Arts Fare Cum Exhibition 2016</td> <td>5,00,000</td> </tr> <tr> <td>Contribution to Sports Activities : Tennis & Swimming Competition</td> <td>39,540</td> </tr> <tr> <td>For Reconstruction of School Buildings, Temples, etc.</td> <td>2,03,963</td> </tr> <tr> <td>CSR upto 31.12.2015</td> <td>14,60,398</td> </tr> <tr> <td>CSR during 2016-17 :-</td> <td></td> </tr> <tr> <td>Contribution Towards Poor & Meritorious Student Ailing Blood Cancer & Welfare Measures to Students</td> <td>1,10,153</td> </tr> <tr> <td>Total</td> <td>15,70,551</td> </tr> </tbody> </table>	CSR Activites	Amount, Rs	Aids to Old Age Home, Kolaghat	28,280	Drinking Water Supply : Bore well for Amalhanda Village	66,545	Books, Note Books & other Stationeries for School Children	1,22,070	To Kolaghat Utsab Committee for Development of Art and Culture-2016	5,00,000	To Local Cultural and Arts Fare Cum Exhibition 2016	5,00,000	Contribution to Sports Activities : Tennis & Swimming Competition	39,540	For Reconstruction of School Buildings, Temples, etc.	2,03,963	CSR upto 31.12.2015	14,60,398	CSR during 2016-17 :-		Contribution Towards Poor & Meritorious Student Ailing Blood Cancer & Welfare Measures to Students	1,10,153	Total	15,70,551
CSR Activites	Amount, Rs																									
Aids to Old Age Home, Kolaghat	28,280																									
Drinking Water Supply : Bore well for Amalhanda Village	66,545																									
Books, Note Books & other Stationeries for School Children	1,22,070																									
To Kolaghat Utsab Committee for Development of Art and Culture-2016	5,00,000																									
To Local Cultural and Arts Fare Cum Exhibition 2016	5,00,000																									
Contribution to Sports Activities : Tennis & Swimming Competition	39,540																									
For Reconstruction of School Buildings, Temples, etc.	2,03,963																									
CSR upto 31.12.2015	14,60,398																									
CSR during 2016-17 :-																										
Contribution Towards Poor & Meritorious Student Ailing Blood Cancer & Welfare Measures to Students	1,10,153																									
Total	15,70,551																									
ii	<p>All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.</p>	<p>Agreed to comply.</p>																								
iii	<p>Provision should be made for the supply of kerosene or cooking gas to the labourers during construction phase. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits Environmental sanitation should be ensured for the workers.</p>	<p>This condition is not applicable at this moment as the project has already been started.</p>																								
iv	<p>The project proponent should make financial provision in the total budget of the project for implementation of</p>	<p>As informed, a budgetary allotment of Rs.5.00 crores has been made as Capital Cost for Pollution Control Measures and Rs.5.00 lakhs per annum towards</p>																								

	the environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.	Operating Cost.
v	No further expansion or modifications in the plant should be carried out without prior approval of the State Environmental Impact Assessment Authority.	As informed, as per the Memorandum of Understanding (MOU) with WBPDCCL on 28.06.2006, RCL has to set up the Cement Grinding Unit of 1.0 MTPA initially which has to be expanded to 2.0 MTPA so as to utilise 7.2 Lakh Tons Fly Ash per Annum. Accordingly, RCL is going for the expansion from existing 0.95 MTPA to 2.00 MTPA. The increased Cement Production will also meet the increasing Demand from the local Marketing Centres.
vi	The west Bengal Pollution Control Board, who would be monitoring the implementation of environmental safeguards. Should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to the WBPCB regularly. A complete set of all the documents should also be forwarded to the State Level Environmental Impact Assessment Authority.	They are providing full cooperation during site visit.
vii	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA.	As informed, as per the Memorandum of Understanding (MOU) with WBPDCCL on 28.06.2006, RCL has to set up the Cement Grinding Unit of 1.0 MTPA initially which has to be expanded to 2.0 MTPA so as to utilise 7.2 Lakh Tons of Fly Ash per Annum. Accordingly, RCL is going for the expansion from existing 0.95 MTPA to 2.00 MTPA. ToR Application has been submitted to SEIAA-WB on 27.03.2017.
viii	The State Level Environmental Impact Assessment Authority reserves the right to 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	Agreed to comply with the condition.

(**डॉ. ए. के. गुप्ता**)

(DR. A. K. GUPTA)

संयुक्त निदेशक/ JG MIPAC Page 6 of 7

भारत सरकार/ Govt. of India

पर्यावरण वन एवं ज.प. मंत्रालय/ Ministry of Environment, Forest & CC

क्षेत्रीय कार्यालय/ Eastern Regional Office

भुवनेश्वर/ Bhubaneswar-751023

	time-bound and satisfactory manner.	
ix	The Project Proponent should inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the SEIAA (http://enviswb.gov.in). This should 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.	Advertisements were published in two news papers in Bengali (Dainik Statesman) and English (Statesman) on 21.01.2008 and copies of the same were submitted to competent authorities.
X	The Project Authorities should inform the State Pollution Control Board as well as the SEIAA, the date of financial closure and final approval of the Project by the Concerned authorities and the date of commencing the land development work/project implementation.	The details are furnished to the Authorities vide our Letter MCL/KGT/62 dated 02.02.2010. The combined Consents to Establish (CTE/NOC) was obtained from West Bengal Pollution Control Board (WBPCB) vide NOC Sl. No. 57713 dated 12.06.2008. The Plant commenced its operations in Feb. 2010 after obtaining the CFO under Air & Water Acts were obtained from WBPCB vide its Certificate No. C054803 dated 03.02.2010.
xi	The Project Authorities should inform the State Pollution Control Board as well as the SEIAA. ---	-
xii	Prior Consent –to Establish (NOC) for the proposed project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.	As informed, the combined Consents to Establish (CTE/NOC) was obtained from West Bengal Pollution Control Board (WBPCB) vide NOC Sl. No. 57713 dated 12.06.2008.
Xiii	The environmental clearance would be enforced along with those under the Water (Prevention and Control of Pollution) Act. 1974. The Air (Prevention and Control of Pollution) Act, 1981. The Environment (Protection) Act, 1986 the Hazardous Wastes (Management and Handling) Rules, 1989. The Public Liability Insurance Act. 1991. The Environmental Impact Assessment Notification 2006 and their amendments.	-

(डा० ए० के० गुप्ता)
(डा. ए.के. गुप्ता) "वे०"

(DR. A. K. GUPTA)
संयुक्त निदेशक/JOINT DIRECTOR
भारत सरकार/Govt. of India

पर्यावरण वन एवं ज.प. मंत्रालय/Min. of Env. Forest & C
पूर्व क्षेत्रीय कार्यालय/Eastern Regional Office
भुवनेश्वर/ Bhubaneswar-751023

