

**COMPLIANCE REPORT OF ENVIRONMENTAL
CLEARANCE
FOR THE PERIOD 1ST OCTOBER 2019 TO 31ST
MARCH 2020**

F.NO.J-11011/341/2008-LA-II (I)



SUBMITTED BY-

**M/S. RAKSHA CEMENTS PVT. LIMITED.
GAURAB BHAVAN, BEHIND DONA PLANET, D.NEOG PATH,
ANAND NAGAR, ABC, BHANGAGARH, GUWAHATI-781005**

Name of Company : M/s. Raksha Cements Pvt. Limited.

Project : Cement Plant (200TPD) at Village: Kamarkuchi, P.O: Tapesia, Sonapur Revenue Circle, Dist: Kamrup (M). Assam.

Environmental Clearance Letter : F.No.J-11011/341/2008-IA-II (I) Dated 17th March 2009.

A. Specific Conditions

SL.NO.	CONDITIONS	STATUS
(i)	The stack emissions from various sources shall not exceed 50 mg/Nm ³ .	Stack emission from the various sources are being monitored by using opacity meter. 3 no of Opacity meters are installed at cement mill, raw mill, and VSK1. However SOx and NOx analyser also installed at VSK1 and data is directly transferred to Central Pollution Control Board Shillong. Monthly monitoring reports are referred as Annexure-I . Stack emission values are within the permissible limit.
(ii)	Bag house/ filters shall be provided to control the fugitive emissions during loading and unloading. The project authorities shall store all the raw materials except limestone in the covered sheds to control fugitive emissions.	Fugitive emissions in loading and unloading area are controlled by installing bag filters, cyclones. All the raw materials are also stored in covered shed. Wheel washing system also introduce in the main gate. Water sprinkling also done regularly.
(iii)	The locations of ambient air quality monitoring stations shall be set up as per statutory requirement in consultation with the Assam Pollution Control Board (Assam PCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Ambient air quality stations are set up as per statutory requirement and in consultation with PCB, Assam. Monitoring reports are referred as Annexure-I .
(iv)	Total water requirement shall not exceed 100 m ³ /day and prior 'Permission' for the drawl of ground water shall be obtained from the SGWB/CGWA and copy of the permission shall be submitted to Ministry's Regional Office at Shillong within 3 months from the date of receipt of this letter. Domestic sewage shall be treated and utilized for the greenbelt development. No waste water shall be discharged outside the premises and 'zero' discharge shall be ensured.	Being a dry process total water requirement is aprox 40 m ³ /day. However, we have applied CGWA for permission of drawl ground water. Copy of the application is already sent to MoEF, Shillong. Domestic effluents are treated in primary ETP and it is utilized for the development of green belt and dust suppression. ETP water analysis report is referred as Annexure-II .
(v)	The project authority shall transport the raw material and the product in covered means.	Raw materials are transported in covered vehicles. However transportation distance is being reduced by procuring raw material from the Meghalaya mainly. The finished product is being packed in

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		HDPE bags & transported in covered vehicles.
(vi)	Out of total 10,000 m ² , 33% area shall be developed as green belt as per the guidelines of Central Pollution Control Board to mitigate the effect of fugitive emissions.	Green belt is developed around the periphery of the plant as per guideline of CPCB to mitigate the effect of fugitive emission.
(vii)	The project authorities shall provide a health center with all emergency medicines and ambulance along with full time doctor. Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.	Occupational health surveillance of the worker is being carried out regularly & the records are being maintained as per factories act.
(viii)	All the recommendations mentioned in the CREP guidelines for cement plant shall be followed and complied.	All the recommendations mentioned in the CREP guidelines is being followed and implemented.
(ix)	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, 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.	Complied with.

B. GENERAL CONDITIONS

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(i)	All other necessary statutory clearances from the concerned Departments including 'No Objection Certificate' from the Assam State Pollution Control Board (ASPCB) shall be obtained prior to commencement of construction and/or operation.	"Consent for Establishment" was obtained under Air and Water act from Assam State Pollution Control Board vide letter no. WB/KAM/T-376/07-08/186 dated-12/01/2009.
(ii)	The project authorities shall strictly adhere to the stipulations of the SPCB/ State Government or any statutory body.	We strictly adhered all the stipulation made by SPCB/ State Government or any statutory body. Consent to operate is obtained under section 21 of Air (Prevention & Control of Pollution) Act 1981 and it is valid upto 31-03-2020.
(iii)	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed with.
(iv)	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	We will adopt all the necessary measure to control the emission within limit. Direction is already given to the workers event of failures of any pollution control devices immediately put out of operation and shall not be restarted until the desired rectifications made.
(v)	The gaseous emissions (SO ₂ , NO _x) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time.	The gaseous emissions and particulate matter from various process units is measured. Monitoring reports are referred as

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		Annexure-I.
(vi)	<p>The company shall undertake following Waste Minimization measures.</p> <ul style="list-style-type: none"> • Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. • Use of "Closed pneumatic" system for transport of fine material. • All Venting systems shall be connected with dust arresting equipments. • Dust collect in pollution control equipments shall reuse. 	<p>We have undertaken all the measures for waste minimization are as follow:</p> <p>No by-product is produced from the process.</p> <p>The company uses cement bags (HDPE) to transport fine cement material.</p> <p>All venting systems are connected with dust arresting equipments.</p> <p>Dust collected in Pollution Control equipments is reused in the process.</p>
(vii)	<p>Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/ Central Pollution Control Board.</p>	<p>Fugitive emission monitoring reports are referred as Annexure-I.</p> <p>Fugitive emission is being controlled by water spraying and installing bag filters.</p>
(viii)	<p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).</p>	<p>The noise levels in & around the plant is being monitored. Monitoring reports are enclosed vide Annexure-I.</p> <p>The ambient noise levels conform to the standards prescribed under Environment (Protection) act 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)</p>
(ix)	<p>The company shall develop rain water harvesting structures to harvest the runoff water for recharge of ground water.</p>	<p>Rain water harvesting structures is developed and collected rainwater is reused for development of green belt.</p>
(x)	<p>Occupational health and safety measures shall be undertaken. Periodic monitorial for exposure to dust on the workers should be conducted and records maintained including health records of the workers. The company shall engage a doctor who is trained in occupational health.</p>	<p>Occupational Health Surveillance program is being carried out and will be continued on a regular basis.</p>
(xi)	<p>The company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.</p>	<p>Green belt has been developed in and around the project. Almost 30% of the total area is developed with the locally available species.</p>
(xii)	<p>A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.</p>	<p>We have already availing the service from Assam Pollution Control Board and NABL recognized monitoring agency for the routine environmental monitoring services.</p>
(xiii)	<p>Adequate fund shall be earmarked to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Shillong. The funds so provided shall not be diverted for any other purpose.</p>	<p>Agreed with.</p>
(xiv)	<p>The implementation of the project vis-a-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB/CPCB. A six monthly compliance status report shall be submitted to monitoring</p>	<p>Six monthly compliance report and monitored datas are regularly sent to the concerned Regional Office of the Ministry/SPCB/CPCB. The previous</p>

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	agencies and shall be posted on the website of the company.	report for the period April'19 to September'19 was submitted and it is also uploaded on company's website i.e www.rakshacement.com
(xv)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry at http://envfor.nic.in . 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 shall be forwarded to the concerned Regional Office of the Ministry.	Copy of EC letter has been published in two local newspapers namely The Sentinel in English Addinar Sanbad in Assamese dated 23/03/2009. And the same copy is sent concerned regional office of the Ministry on 17 th March 2009.
(xvi)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	The plant is under commercial production since 2009.
6.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
7.	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.	Agreed with.
8.	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.	Agreed with.
9.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 alongwith their amendments and rules.	Noted.

ANNEXURE -I
AIR MONIORING REPORTS

ANNEXURE -II
ETP WATER ANALYSIS REPORT