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# JOYSHREE CEMENT INDUSTRIES

House No. 62, By Lane 2, Tarun Nagar, G S Road, Guwahati – 781005 Assam

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Date: 09-05-2016

To

The Member Secretary  
SEIAA, Assam  
Bamunimaidam, Guwahati-781021

**SUB.: Cement Grinding Unit (300 TPD OPC/PPC) at Dag no. 12, 15 & 17 of Patta No. 201 at Village- Sila, Laxmi Nagar, Changsari Mouza- Sila Sinduri Gupha of kamrup (R) District, Assam.**

**REF.: ENVIRONMENTAL CLEARANCE LETTER F.No. SEIAA/165/2014/EC/22, Dated 2<sup>nd</sup> March 2015.**

Dear Sir,

With reference to the Environmental Clearance obtained from SEIAA, Assam we are hereby enclosing the six monthly Compliance Report for the period April'2015 to September'2015 of Environmental Clearance issued to us.

I hope that you will find it in order and do the needful.

Thanking You.

Yours faithfully,

**For M/s. Joyshree Cement Industries**

*[Handwritten Signature]*

**(Partner)**

Copy to:

**The Additional Principal Chief Conservator of Forests (C),  
Ministry of Environment, Forest & Climate Change,  
North Eastern Regional Office  
Law-U-Sib, Lumbatngen  
Near MTC Workshop, Shillong-793021**

*Received*

*09/05/2016*

**COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE**  
**FOR THE PERIOD OF APRIL-2015 TO SEPTEMBER-2015**

**Name of The Company :** M/s Joyshree Cement Industries

**Project :** Cement Grinding Unit (300 TPD OPC/PPC) at Dag no. 12, 15 & 17 of Patta No. 201 at Village- Sila, Laxmi Nagar, Changsari Mouza- Sila Sinduri Gupha of Kamrup (R) District, Assam.

**Environmental Clearance Letter :** F. No. SEIAA/165/2014/EC/22, Dated 2<sup>nd</sup> March 2015.

**A - SPECIFIC CONDITIONS**

<b>SN.</b>	<b>EC CONDITIONS</b>	<b>COMPLIANCE STATUS</b>
1.	Consent to Establish shall be obtained from Pollution Control Board, Assam and copy of the same shall be submitted to SEIAA, Assam.	Consent to establish is obtained from Pollution Control Board, Assam vide letter no. WB/GUW/T-2899/15-16/110/324 dtd 8/6/2015 And the same copy is enclosed as <b>Annexure-I</b> .
2.	Cement grinding shall be carried out in closed cement mill and stack emission from various sources shall not exceed 50mg/Nm <sup>3</sup> . As proposed, cyclone separators followed by reverse pulse jet type bag filters shall be provided alongwith stacks of adequate height as per the CPCB guidelines to control gaseous emission below 50mg/Nm <sup>3</sup> . Stack of adequate height shall also be provided to DG sets.	-Reverse Pulse Jet type Bag filter installed at grinding section to restrict Stack emission within prescribed limit. Stack will be constructed as per CPCB guidelines. Also Stack of DG set height will be as per CPCB norms.
3.	Continuous monitoring system to monitor gaseous emission shall be provided and limit of SPM shall be controlled within 50mg/Nm <sup>3</sup> in the cement plant by installing adequate air pollution control system. Interlocking facility shall be provided in the pollution control equipment so that in the event of failure of APCDs, the respective process unit (s) is shut down automatically.	Will be complied.
4.	Ambient air quality monitoring stations (AAQMS) shall be set up as per statutory requirement in consultation with the SEIAA, Assam or PCB, Assam. Ambient air quality including ambient noise monitoring shall be carried out regularly and must not exceed the standards stipulated under EPA, 1986. Monitoring reports for ambient air, stack and fugitive emissions shall be submitted to the SEIAA, Assam regional office MoEF at Shillong and PCB, Assam half yearly. Data on ambient air quality stack emission and fugitive emission shall be uploaded on the Company's website.	Ambient air quality monitoring locations is set up in consultation with Pollution Control Board Assam vide letter no. WB/LB-81/AMB/09-10/156/267 dtd 12 <sup>th</sup> May, 2015 and the said copy is enclosed as <b>Annexure-II</b> . Website is under process.
5.	The company shall set adequate dust collection and	Will be complied.

SN.	EC CONDITIONS	COMPLIANCE STATUS
	extraction system to control fugitive dust emission at various transfer points, raw mill handling (unloading, conveying, transporting, stacking). Vehicular movement, bagging and packing areas etc. Crusher shall be operated with high efficiency bag filters. All conveyers shall be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyers for transportation of materials shall be provided besides coal, cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling.	
6.	Dust suppression by regular water sprinkling shall be carried out in cement plant and area prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading points, transfer points and other vulnerable areas to control fugitive emissions. Fugitive emission shall also be controlled by dust suppression. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Board in this regard.	Will be complied.
7.	Measures shall be taken to prevent impact of particulate emission/ fugitive emission, if any from the proposed plant on the surrounding area.	Appropriate measures will be taken to mitigate the impact of particulate/ fugitive emission.
8.	Efforts shall be made to reduce impact of the transfer of the raw materials and end products on the surrounding environment including agriculture land. All the raw materials including fly ash shall be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored and comply the norms.	Will be complied.
9.	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/ Code of Practice issued by the CPCB shall be followed.	Will be complied.
10.	Asphalting/concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM shall be ensured.	Agreed with.
11.	The gaseous emissions and particulate matter levels from various process units shall conform to the standards prescribed by the MoEF Govt. Of India from time to time. At no point of time, the emissions shall exceed the prescribed limits. Interlocking system of equipment shall be chosen such that 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 restated until the desired efficiency has been achieved.	Will be complied.
12.	Total water requirement shall not exceed 3m <sup>3</sup> /day. Water efficient technology like air-cooled condenser to captive power plant shall be provided to conserve water. The treated effluent shall be recycled/ reused in plant related activities i.e. cooling, dust suppression and green belt development etc. "Zero" discharge shall be strictly	As follow the condition.

SN.	EC CONDITIONS	COMPLIANCE STATUS
	adopted and no effluent shall be discharged from the cement plant, outside the premises to any nearby water body/ river etc.	
13.	The drawl of 15m <sup>3</sup> /day water from ground water sources shall be allowed.	Will follow the condition
14.	Domestic effluent shall be treated in septic pits and soak pit in cement plant. All treated waste water shall be used for gardening/ agricultural purposes and dust suppression. Domestic waste shall be segregated into bio-degradable and non- biodegradable. Bio-degradable waste shall be composted and non- biodegradable waste shall be disposed off in environment-friendly manner or filled at identified sites only after proper treatment.	Will follow the condition.
15.	Regular monitoring of ground water level shall be carried out a network of existing wells. The frequency of monitoring shall be four times a year-pre-monsoon (April/ May), monsoon (August), post-monsoon (November) and winter (January). Data thus collected shall be sent at regular intervals to SEIAA, Assam and Regional Office, MoEF, Shillong and Central Ground Water Board.	Will follow the condition
16.	Suitable conservation measures to augment ground water resources in the area shall be planned and implemented in consultation with Central Ground Water Board.	Will follow the condition
17.	The project proponent shall take appropriate mitigation measures to prevent pollution of nearby river and other surface water body, if any.	Agreed with.
18.	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. Sludge generated during treatment of waste water shall be dried, compressed and used for land filling. Treated sewage shall be used as manure for green belt development. Waste oil, grease and scrapped automobile batteries shall be provided to the authorized recyclers/ reprocessors as per Hazardous wastes (Management, Handling & Transboundary Movement) Rules 2008 and Batteries (Management & Handling) Rules 2001.	Will be complied.
19.	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.	Agreed with
20.	Effort shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	Will be complied.
21.	All the fly ash shall be utilized as per Fly Ash Notification, 1999 subsequently amended in 2003. Efforts shall be made to use fly ash maximum in making Pozollona Portland Cement (PPC).	Agreed with.
22.	Rain water collected from the roof top shall be injected into the ground through injection wells to recharge the ground water table.	Will be complied.

SN.	EC CONDITIONS	COMPLIANCE STATUS
23.	As proposed, green belt shall be developed in at least (33%) in project area as per the CPCB guidelines in consultation with local DFO to mitigate the impact of fugitive emissions. A long term action plan for the plantation/ Aforestation/green belt development etc. shall be prepared and submitted to the SEIAA, Assam and Regional Office of MoEF Shillong.	Will be complied.
24.	The project proponent shall take all precautionary measures during construction & operation phases for conservation and protection of flora & Fauna. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with State Forest and Wildlife Department. Necessary allocation of funds so allocated shall be included in the project cost. Copy of action plan may be submitted to the SEIAA, Assam & Regional office of MoEF Shillong within 3 months from the date of issue of this letter.	Agreed with.
25.	Rehabilitation and Resettlement Plan for the project affected population including tribal as per the policy of the State Govt. Shall be implemented. Compensation paid in any case shall not be less than the norms prescribed under the National Resettlement and Rehabilitation Policy, 2007.	Point is noted.
26.	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) shall be implemented.	Point is noted.
27.	Requisite on site & off site emergency plan shall be prepared in consultation with concerned authorities and implemented.	Point is noted.
28.	The project authority should strictly comply the provisions made in Manufacture, Storage & Import of Hazardous Chemicals Rules 1989 as amended and the Public Liability Insurance Act for hazardous chemicals etc.	Point is noted.
29.	Acoustic enclosures shall be provided to control noise whenever necessary. Noise shall also be controlled from cooler fans, compressor house, cement mill and raw mill, cement plant using appropriate noise control measures.	Will be complied.
30.	The company shall provide housing for 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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	We have provided housing for construction labour within the site with all necessary infrastructures and it had been removed after completion of project.
31.	Under Corporate Social Responsibility (CSR) sufficient budgetary provision shall be made for health improvement, education, electricity, water and other socio economic up-liftmen in and around the project area.	Under Corporate Social Responsibility scheme (CSR) sufficient budgetary provision is being allocated.

## **B. GENERAL CONDITIONS**

<b>SN.</b>	<b>EC CONDITIONS</b>	<b>COMPLIANCE STATUS</b>
1.	The project authorities must adhere to the stipulations made by State Government of Assam.	Agreed with.
2.	No further expansion or modification in the project shall be carried out without prior approval of the SEIAA Assam.	Agreed with.
3.	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the Pollution Control Board. Data of ambient air quality and stack emissions shall be regularly monitored & submitted to the SEIAA, Assam including Regional Office of MoEF at Shillong once in six months.	Ambient air quality monitoring locations is set up in consultation with Pollution Control Board Assam vide letter no. WB/LB-81/AMB/09-10/156/267 dtd 12 <sup>th</sup> May, 2015 and the said copy is enclosed as <b>Annexure-II</b> . Data of ambient air quality and stack emission will be submitted to competent authorities.
4.	Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	Agreed with.
5.	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 all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rues, 1989 viz 75 dBA (day time) and 70dBA (night time).	Will be Complied.
6.	Proper housekeeping and adequate occupational health programs must be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained. The programme must including lung function and sputum analysis test once in six months.	The company has tied up with a doctor for Occupational Health Surveillance programme. Monitoring will be done for the workers & records will be maintained.
7.	The company shall undertake eco- development measures including community welfare measures in the project area.	Will follow the condition.
8.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP.	Agreed with.
9.	A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of senior executive.	We have already availing the service of Assam Pollution Control Board recognized monitoring

		agency for the routine environmental monitoring services.
10.	The project Authorities shall inform SEIAA, Assam as well as Regional Office, MoEF at Shillong the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work etc.	Date of financial closure 31 <sup>st</sup> of March Date of commencing the land development work 12/08/2015
11.	The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA, Assam. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspaper 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 SEIAA, Assam.	We have already complied it. Public notice is published in News Paper "The Eastern Chronicle" dtd. 10 <sup>th</sup> March/2015 in English and "The Niyomiya Batra" dtd. 10 <sup>th</sup> March/2015 in Assamese (Copy of the paper cutting is enclosed as <b>Annexure-III</b> ).
12.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the SEIAA, Assam. The criteria pollutant levels namely: SPM, RSPM( PM10/PM2.5), SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at convenient location near the main gate of the company in the public domain.	Will be complied. As our 1 <sup>st</sup> half yearly EC Compliance report is submitted herewith. Monitoring reports will be submitted in next Compliance report.
13.	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 SEIAA, Assam and Regional Office of MoEF, Shillong. The SEIAA, Assam shall monitor the stipulated conditions mentioned in the Environmental Clearance time to time.	Six monthly reports on the status of the compliance of the stipulated environmental conditions is being submitted herewith to the respective SEIAA Assam, Regional Office of MoEF, Shillong.
14.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the SEIAA, Assam and Pollution Control Board, Assam 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 SEIAA, Assam & Regional Offices of the MoEF, Shillong by e-mail.	Will be complied.
15.	The SEIAA, Assam or any competent authority may stipulate any further condition(s) on receiving reports from the project authorities. The above conditions will be monitored by SEIAA, Assam & the Regional Office of MoEF, Shillong.	Agreed with.
16.	The SEIAA, Assam may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	Agreed with.

17.	Commitment made in the EIA/EMP report shall be complied.	Will follow the condition.
18.	Any other conditions or alternation in the above conditions will have to be implemented by the project authorities in a time bound manner.	Agreed with.
19.	The above conditions will be enforced, inter-alia under the provisions of the Water (prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Agreed with.



# **ANNEXURE-I**

## **CONSENT TO ESTABLISH**

**ANNEXURE-II**

**AMBIENT AIR QUALITY**  
**LOCATION**

**ANNEXURE-III**

**ADVERTISEMENT COPY**

No. WB/LB-81/AMB/09-10/151

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

স্বাস্থ্য, পরিবেশ ও  
কল্যাণ মন্ত্রণালয়  
কেন্দ্রীয় কার্যালয়, ঢাকা-১০০

**Sub: Report on sites selection for Ambient Air Quality Monitoring Stations at  
M/s. Jaysree Cement Industries, Changsari (near Chowkigate), Kamrup,  
(M), Assam.**

**Ref: WB/LB-81/AMB/09-10/151, dtd. 19<sup>th</sup> March, 2015.**

Sir,

With reference to the subject intimated above, please find here with a report of sites  
selected for ambient air quality monitoring stations at M/s. Jaysree Cement Industries,  
Changsari (near Chowkigate), Kamrup, Assam.

The same has been forwarded to you for your information.

Yours faithfully,

Chief Scientist

## Report on the site-Selected and Ambient Air Quality Monitoring Stations (AAQMS) within the industrial premises of M/s. Jaydree Cement Industries, Changam (near Vihwakpate), Kamrup (M). Assam

At: Jaydree Cement Industries, Vihwakpate

The report is prepared by the Environmental Monitoring and Assessment Unit, Kamrup District Office, Assam, under the supervision of the District Officer, Kamrup. The report is prepared in accordance with the provisions of the Environmental Protection Act, 1986 and the Air Quality Monitoring and Control Rules, 1987. The report is prepared for the purpose of monitoring the air quality in the premises of M/s. Jaydree Cement Industries, Vihwakpate.

1. North East corner of the unit (Near Staff Quarter)

2. West side of the unit (Near main gate)

3. South-West corner of the unit (Near Office building)

The following are the details of the Air Quality Monitoring Stations (AAQMS) at the premises of M/s. Jaydree Cement Industries, Vihwakpate:

### A. Physical Requirements

1. The monitoring station should be situated in an open area, free from any obstruction.
2. The monitoring station should be situated at a height of 3 to 4 meters above the ground level.
3. The monitoring station should be situated at a distance of 15 to 20 meters from any building or structure.
4. The monitoring station should be situated in a place where the wind speed is not less than 1.5 m/s.

### B. General Requirement

1. The monitoring station should be situated in a place where the air quality is not affected by any local source of pollution.
2. The monitoring station should be situated in a place where the air quality is not affected by any local source of pollution.
3. The monitoring station should be situated in a place where the air quality is not affected by any local source of pollution.

স্বদেশ আৰু স্বজাতিৰ সেৱাত

# নিয়মীয়া বাৰ্তা

গুৱাহাটী-বিহাৰ চিহ্নিত চাৰিআলি-গোৱালপাৰাৰ পৰা প্ৰকাশিত (গুৱাহাটী সংস্কৰণ/GUWAHATI EDITION)

১০ মাৰ্চ, ২০১৫ তাৰিখ | NIYOMIYA BARTA TUESDAY 10 MARCH 2015 | Website : www.niyomiyabarta.org

## ৰাজহুৱা জাননী

ইয়াৰ দ্বাৰা জনোৱা হয় যে ষ্টেট ইণ্ডিয়া ইন্টাৰন্যুভাইনমেণ্ট ইমপেৰ্ট এছেছমেণ্ট অফ'ৰিচ, অসম গাওঁ - চিলা, লক্ষ্মীনগৰ, চাংচাৰি, মৌজা - চিলা সিন্দুৰী গোস্বামী, কামৰূপ (গ্ৰাম্য), অসমত অৱস্থিত তথা ডাঙা নং-১২, ১৫ আৰু ১৭, পট্টা নং-২০১ ৰে আওতা আমাৰ প্ৰস্তাৱিত প্ৰকল্প চিমেন্ট গ্ৰাইণ্ডিং ইউনিট (৩০০ টি পি ডি অ'পি চি/পি পি চি)ক ২ মাৰ্চ ২০১৫ তাৰিখে পাৰিপাৰ্শ্বিক প্ৰামাণ্য পত্ৰ নং - SEIAA.165/2014/EC/22' প্ৰদান কৰিছে। আমাৰ ইউনিট ১৪ ছেপ্টেম্বৰ ২০০৬ৰ ই আই এ নিৰ্দেশনা অনুযায়ী প্ৰতিষ্ঠিত।

আমালৈ প্ৰেৰণ কৰা পাৰিপাৰ্শ্বিক প্ৰামাণ্য পত্ৰৰ কপি প্ৰদূষণ নিয়ন্ত্ৰণ ব'ৰ্ড, অসম, বামুনীমেদাম, গুৱাহাটী - ৭৮১০২১, অসম-ত উপলব্ধ।

জয়ন্তী চিমেন্ট ইণ্ডাষ্ট্ৰী হে  
সহযোগী

গুৱাহাটী

তাৰিখ : ০৯-০৩-২০১৫

## **PUBLIC NOTICE**

It is hereby informed that the State Environment Impact Assessment Authority, Assam has accorded Environmental Clearance vide letter: No. SEAA/165/2014/EC/22 dtd. 2<sup>nd</sup> March 2015 to our proposed project of Cement grinding unit (300 TPD OPC / PPC) at Dog No. 12, 15 & 17 of Patta No. 201 at Village — Sila, Laxmi Nagar, Changsari, Mouza — Sila Sirdari Gupha of Kamrup (R) Assam.

Under the provision of EIA Notification dated 14<sup>th</sup> September 2006.

Copies of Clearance letter is available at Pollution Control Board, Assam, Bamuni maidam, Guwahati-781021, Assam.

For, **Joysree Cement Industries**  
Partner

Guwahati

Date: 09.03.2015