

# Ambuja Cement

ACL/FKK/ENV/EC-CC1/2019 (1)

23<sup>rd</sup> May, 2019

To

The Environment Engineer and In-charge  
West Bengal Pollution Control Board  
Malda Regional Office  
Mokdumpur, Malda

Sub: Submission of Six-Monthly Compliance Report.

Dear Sir,

Kindly find the six monthly compliance status report for the period Oct'18 to March'19 as per EC condition.

Thanking You

Yours faithfully

For Ambuja Cements Ltd  
(Unit: Farakka)



(Authorized Signatory)



Encl:

EC Copy

Annexure I, II, III, IV & V

CC: 1) APCCF (central), Eastern Regional Office, Bhubaneswar, Odisha.  
2) MS, DoE, Govt. of West Bengal, Pranisampad Bhawan, Kolkata

AMBUJA CEMENTS LIMITED  
Unit : Farakka

Vill. : Kendua, P.O. : Srimantapur, P.S. : Farakka, Dist. : Murshidabad, W.B.-742 212  
Phone : 03485 252840/37, Fax : 91 03485 251927, Telefax : 03485 252281  
Regional Off : "INDICON VIVA" 6th Floor, 53A, Lala Roy Sarani, Kolkata - 700 019  
Phone : 033-4403 3900, Fax : 2461 7744/8413  
Regd. Off. : Ambujanagar, Taluka - Kodinar, Dist. : Gir Somnath, Gujarat-362 715  
CIN No. : L2694GJ 1981 PLC 004717, Website : www.ambujacement.com

Compliance of the Conditions Stipulated in the Environmental Clearance Accorded by SEAC for Production Enhancement from .96 to 1.25 MTPA Cement Production

Reference No. EN/ 27/ T-II-1/ 074/ 2009

Date: 4th January 2010

S.No.	Condition	Implementation Status
A	<b>SPECIFIC CONDITIONS:</b>	
1	The gaseous emission from various process units conform to the load / mass based standard 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 standard.	Being a grinding unit, there is no any gaseous emission. Though we are monitoring gaseous and PM emission. CAAQMS and CEMS also installed and data is shared on-line with CPCB/WBPCB. We are also submitting six monthly monitoring report to WBPCB regularly.
2	Cement grinding shall carried out in closed cement mill. Provision of dust extraction and pollution control systems along with minimum stack height of 30m from G.L. Should be made for control of emission. Highly efficient Puls Jet Bag Filter and ID Fan should be provided for Raw Material Handling Section, Cement Mill, Silo, Packing Section, etc. Stack emission shall be monitored at regular intervals and record maintained. The stack emission should not exceed 50 mg/Nm <sup>3</sup>	Complied with, except DG stack (10m) already mentioned in Consent to Operate letter.
3	Air quality monitoring data from at least three locations within two Km of the plant premises should be submitted.	Complied with, we are submitting monitoring report of all three location to WBPCB on quarterly basis.
4	Finished cement should be collected in silo and packaging should be done through pneumatically controlled system. Suction system should be installed at packaging section to minimize fugitive emission.	Complied with, cement manufactured is stored in cement silos. To minimize fugitive dust proper suction system is provided.
5	All vibrating screen 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 filters at transfer points should be provided.	All bins are covered and raw materials transferred through closed conveyor belts with provision of bag filter at transfer points. We have covered shed for raw material, the excess quantity is temporarily kept at designated area with tarpaulin cover to restrict fugitive emission and rain water percolation.
6	Dust suppression system should be provided to arrest fugitive emission.	Complied with, suction head and bag filters are provided.
7	Adequate dust suppression and extraction system should be provided in material storage areas, material unloading and transfer points for controlling fugitive emission. Fugitive dust emission from ball mill and storage area shall be collected in bag filters and recycled back to the process. Water sprinkling arrangement shall be made in the raw material stock yard, cement bag loading areas and other high dust potential areas.	The company has installed adequate No. of Bag Filters throughout the plant for dust collection and extraction system to control fugitive dust emissions at various transfer points (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas. Gypsum Stock piles are stored under covered shed.
8	Suction head should be provided at all transfer points.	Complied with, all transfer points provided with suction point.
9	Ground water shall not be abstracted without prior permission of the local body as well as the component authority as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.	Have taken permission from SWID, as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005. <b>Annexure I attached.</b>
10	Process effluent discharge is not permitted. No liquid effluent shall be generated by adoption of dry grinding process.	Being dry process, no liquid effluent generated.
11	Clinker manufacturing / heating is not permitted under the environmental clearance.	Complied with, being a grinding unit clinker being transported here by rail.
12	Solid waste viz. Dust generated shall be properly recycled and reutilized in the process itself.	Dust being recycled and reutilized in the process itself.
13	The unit should develop rainwater harvesting structures and the harvested water should be utilized for gardening and other purposes. Ground water recharge is not permitted.	We are utilizing waste water from RO in gardening purposes. Construction of Roof-top Rain water harvesting structure is going on and it will be completed by mid June'19
14	Green belt shall be developed within the plant premise. As proposed. At least 37% of the area should be kept for green belt development. Apart from green belt, the unit may also develop social forestry giving priority to the fruit trees. Selection of appropriate species for plantation programme may be done in consultation with DFO / West Bengal Wasteland Development Corporation Ltd/ West Bengal Biodiversity Board.	About 40% (119444 m <sup>2</sup> ) of total area (288230 m <sup>2</sup> ) has been covered under green area. Local species have been planted as per guidelines. Many local species of fruit trees also planted at several location.
15	Ambient noise level should not exceed the permissible limit. The overall noise level in and around the plant area shall be kept within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise level should conform to the standards prescribed under EPA Rule 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime)	Complied with, but in case of residential, noise level exceeds (63-66 dBA) due to close proximity of Mill and packing plant.
16	All internal road should be pitched. Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicle should be considered. Vehicles should conform to the pollution under control (PUC) norms. Proper housekeeping shall be maintained within the premises.	All internal roads in the plant are concreted / pitched. Water sprinkler is used for dust suppression at the raw material stock yards, cement bag loading areas, truck yard and roads. Adequate lighting arrangement are provided inside plant. Separate pedestrian pathway also provided. All vehicle entering plant are gone through pollution check at gate.





17	Health and safety of workers should be ensured. Workers should be provided with adequate personal protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and record maintained as per Factory Act.	All workers and employee working in plant are provided with PPEs (shoe, hand gloves, nose mask, ear plug, goggles and helmet) and following all PPEs is mandatory as per our company policy. Health check up of all employee including contractual workmen has been conducted regularly as per Factories Act and it is a regular process and record has been maintained
18	Adequate measures to be adopted to ensure industrial safety. Proper fire detection and protection system to be provided to control fire and explosion hazards.	Complied with, separate fire hydrant line is provided inside plant. Fire detection system as well as fire extinguisher is also provided at most of the location.
19	Corporate Social Responsibility Programmes should be carried out.	Complied with, our CSR (Ambuja Cement Foundation) doing social activities in nearby villages. <b>Annexure II attached.</b>
20	The implementation and monitoring of Environmental Management Plan should be carried out as proposed.	Complied with, certified with ISO 14001:2015. <b>Annexure III attached</b>
<b>B GENERAL CONDITIONS:</b>		
1	The project proponent shall comply with all the environmental protection measures and safeguards 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.	Complied with, Ambuja Cement Foundation (CSR) is doing socio-economic development like education, drinking water facility, toilet facility, plantation, health care etc in nearby villages. <b>Annexure II attached</b>
2	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 the management of the project to any other entity.	Noted
3	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.	We have provided rest room with electricity and water facility to workers. All workers are gone through fitness test before issuing gate pass. Toilets/urinal are provided at several location.
4	The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguard. 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.	Not applicable. Enhancement of capacity has taken place by improving plant efficiency in terms of Net Availability & less breakdown, besides achieving process optimization through efficient operation for sustainable performance.
5	No further expansion or modifications in the plant should be carried out without prior approval of the State Level Environmental Impact Assessment Authority	Noted
6	The West Bengal Pollution Control Board, who would be monitoring the implementation of environmental safeguard, 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 documents should also be forwarded to the State Level Environmental Impact Assessment Authority	We are submitting six monthly compliance report and environment monitoring report to WBPCB regularly. <b>Annexure IV attached.</b>
7	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA	Noted
8	The SEIAA reserves the right to add additional safeguards measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provision of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards measures in a time bound and satisfactory manner.	Noted
9	The project proponent should inform the public that the project has been accorded environmental clearance by the SEIAA and 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 ( <a href="http://enviswb.gov.in">http://enviswb.gov.in</a> ). This should be advertise 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.	Public Notice was published in "The Statesman" in english language and in "Sangbad Pratidin" in bengali language on 9th January 2010. <b>Annexure V attached</b>
10	The project authorities should inform the State PCB as well as the SEIAA, the date of financial closure and financial approval of the project by the concerned authorities and the date of commencing the land development work/project implementation.	Not applicable, since enhancement of capacity is by way of process improvement.
11	Prior Consent-to-Establish (NOC) for the proposed capacity enhancement project must be obtained from WBPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.	Noted
12	The environmental clearance accorded shall be valid for a period of 5 years for the proposed project.	Noted
13	The above stipulations 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 Environment Impact Assessment Notification 2006 and their amendments.	Noted







## FORM 4

[See Rules 9(3) and 10(5)]

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

024969

## PERMIT FOR SINKING OF NEW WELL

[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources (Management, Control and Regulation) Act 2005.]

PERMIT NO. P1210026007130000001TSE

1. (a) Name of the applicant (user) : Shri/Smt. Ambuja Cement Ltd.
- (b) Son / Daughter of : Mouza - Soimanta pur, P.S. Farakka
- (c) Address of the applicant : Dist- Murshidabad.
- (d) Category of farmer (Please tick) : Small Farmer / Marginal Farmer / Others
- (e) Serial No. of application Form and date of submission : BP/A 0384/87, 16-05-2012
- (f) Specimen signature of the user :
2. Location particulars---
  - (a) District : Murshidabad
  - (b) Block, Mouza, J. L. No., Plot No. : Farakka, Kendua, 26, 713
  - (c) Municipality / Corporation : Ward No - 30
  - (d) Ward No. / Borough No., Holding No.
3. Particulars of the proposed well and pumping device---
  - (a) Type of the well : Tube well
  - (b) Approx. depth of the well (m) : 50m.
  - (c) Purpose of the well : Industrial
  - (d) Assembly size (for tube well) : 50 mm. X 50 mm.
  - (e) Approx. strainer length (for tube well) : 5 m. 50 mm
  - (f) Diameter (for dug well) : NA m.
  - (g) Type of pump to be used : Submersible
  - (h) H. P. of the pump : 2HP
  - (i) Operational device : Electric Motor
  - (j) Rate of withdrawal (m<sup>3</sup>/hr.) : 15 m<sup>3</sup>
  - (k) Maximum allowable running hours per day : 10 hrs.

This permit authorizes the owner applicant (user) to sink a well in the location specified at S1. (2) for extraction of ground water at a rate not exceeding that as shown at S1. (3) (j) and for running hours / day as shown at S1. (3) (K), and is valid subject to the observance of the conditions stated overleaf.

Place : Berhampore

Date : 04-02-2015



Signature of the Issuing Authority  
Geological Survey of India  
SWID, Berhampore

Member Secretary

District Level Ground Water

Resources Development Authority

## Conditions :

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at S1. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this permit.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.





ANNEXURE - I



# FORM 4

[See Rules 9(3) and 10(5)]

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

024968

## PERMIT FOR SINKING OF NEW WELL

[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources (Management, Control and Regulation) Act 2005.]

PERMIT NO P1210026007130000001TSE

1. (a) Name of the applicant (user) : Shri/Smt. Ambuja Cement Ltd.  
 (b) Son / Daughter of : Mouza - Soimantapur  
 (c) Address of the applicant : P. S. - Farakka, Murshidabad  
 (d) Category of farmer (Please tick) : Small Farmer / Marginal Farmer / Others  
 (e) Serial No. of application Form and date of submission : BPA 0384/89 16-05-2012  
 (f) Specimen signature of the user :   
 2. Location particulars---  
 (a) District : Murshidabad  
 (b) Block, Mouza, J. L. No., Plot No. : Farakka, Kendua, 26, 713  
 (c) Municipality / Corporation : Wod30  
 Ward No. / Borough No., Holding No.  
 3. Particulars of the proposed well and pumping device---  
 (a) Type of the well : Tubewell.  
 (b) Approx. depth of the well (m) : 50 m.  
 (c) Purpose of the well : Industrial  
 (d) Assembly size (for tube well) : 50 mm. X 5 mm.  
 (e) Approx. strainer length (for tube well) : 5 m. 50 mm  
 (f) Diameter (for dug well) : N.A. m.  
 (g) Type of pump to be used : Submersible  
 (h) H. P. of the pump : 2 HP  
 (i) Operational device : Electric Motor  
 (j) Rate of withdrawal (m<sup>3</sup>/hr.) : 10 m<sup>3</sup>  
 (k) Maximum allowable running hours per day : 10 hrs.

This permit authorizes the owner applicant (user) to sink a well in the location specified at S1. (2) for extraction of ground water at a rate not exceeding that as shown at S1. (3) (j) and for running hours / day as shown at S1. (3) (K), and is valid subject to the observance of the conditions stated overleaf.

Place : Berhampore

Date : 04-02-2015

### Conditions :

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated in S1. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this permit.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.



GEOLOGIST  
 Signature of the Issuing Authority  
 SWD Murshidabad

Member Secretary  
 District Level Ground Water  
 Resources Development Authority  
 Murshidabad





ANNEXURE - I



# FORM 4

[See Rules 9(3) and 10(5)]

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

## PERMIT FOR SINKING OF NEW WELL

[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources (Management, Control and Regulation) Act 2005.]

024970

PERMIT NO. P1210 026 00713 00000 01 TSE

1. (a) Name of the applicant (user) : Shri/Smt. Ambuja Cement Ltd.  
 (b) Son / Daughter of : Mouza - Soimantapur  
 (c) Address of the applicant : P.S - Farakka, Dist - Murshidabad  
 (d) Category of farmer (Please tick) : Small Farmer / Marginal Farmer / Others  
 (in case of irrigation well)  
 (e) Serial No. of application Form and date of submission : BPA 0384/88, 16-05-2012  
 (f) Specimen signature of the user :
2. Location particulars---  
 (a) District : Murshidabad  
 (b) Block, Mouza, J. L. No., Plot No. : Farakka, Kendua, 26, 713.  
 (c) Municipality / Corporation : Ward No - 30  
 Ward No. / Borough No., Holding No.
3. Particulars of the proposed well and pumping device---  
 (a) Type of the well : Tube well  
 (b) Approx. depth of the well (m) : 50 m.  
 (c) Purpose of the well : Industrial  
 (d) Assembly size (for tube well) : 50 m mm. X 60 mm.  
 (e) Approx. strainer length (for tube well) : 5 m. 50 mm  
 (f) Diameter (for dug well) : N.A m.  
 (g) Type of pump to be used : Submersible  
 (h) H. P. of the pump : 2 HP  
 (i) Operational device : Electric Motor  
 (j) Rate of withdrawal (m<sup>3</sup>/hr.) : 15 m<sup>3</sup>  
 (k) Maximum allowable running hours per day : 10 hrs

This permit authorizes the owner applicant (user) to sink a well in the location specified at S1. (2) for extraction of ground water at a rate not exceeding that as shown at S1. (3) (j) and for running hours / day as shown at S1. (3) (K), and is valid subject to the observance of the conditions stated overleaf.

Place : Benhampore

Date : 04-02-2015

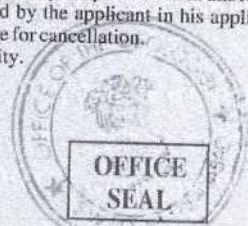
### Conditions :

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated in S1. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this permit.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.



GEOLOGIST  
 Signature of the Issuing Authority  
 SW and Designation, Date

Member Secretary  
 District Level Ground Water  
 District Level Ground Water Authority





**Ambuja Cement Foundation, Farakka**

Work done: During October 2018 to March 2019

**Agro-based livelihood Program:**

1. Field day celebrated at 5 different villages to know the current year production 154 Hectare land through SRI (System of rice intensification) in Paddy.
2. We have undertaken 75 no. ponds through scientific fish farming, we have taken data from individual pond to know the production. Average production is 3.5 quintal observed
3. We have got the survival percentage is 80% for Mango plant (1000 Nos.).
4. We have successfully completed 294 hectare land Rabi crop cultivation in our villages.
5. We have planned the irrigated 35 Hectare land in intensified manner. First time we have gone for summer Maize crop in 35 Bigha land, vegetable cultivation 20 Bigha land with help of our developed irrigation system.
7. NABARD has collaborated with us for GBLGs group support on 50-50 basis. Program has launched on the month November 2018 for our eight core villages. Now 38 GBLGs have started functioning with 663 households (goat rearing family)

**Women Empowerment program:**

1. In this period 10 SHGs have formed in our core villages.
2. Katha stitching has developed as a livelihood option in three SHGs at Chandipur Village
3. Fodder cultivation is now emerging as the profitable option for SHGs groups.
4. Supplementary Food preparation has adopted by SHGs women as an option of Livelihood.
5. Training on credit planning for each SHG Member at Bolpur, Santiniketan.

**Health Program:**

1. 18 Camps have conducted in core village, which 785 patients have treated in camp. Presently we are focusing on Children & women
2. 3 no. Programs at the district & block level has conducted with the help of Salam Bombay Foundation for Anti- tobacco campaign
3. At our New Farakka, Health Care Centre clinic in collaboration with Apollo Trees Foundation, we have treated 1806 nos. patient. We have also conducted 23 no special camps at transport persons resting points & treated 796 patients related to transport business.



## ANNEXURE-II

4. Collaborate with Government in PPP mode for pathological test of pregnant women.
5. Ensure 90% institutional delivery at our core village
6. Ensure 98% immunization in this period
7. Conducted Life skill awareness programme at Tildanga School, New Farakka School, Bahadurpur School.
8. Conducted awareness programme on Sanitary Napkin at core village.

### **SEDI (Skill & Entrepreneurship development Institute):**

1. We have imparted 75 no. of trainees on Welding, Electrician, Automobile repairing trade with financial Support from Own, NTPC, Farakka & DDU- GKY Program.





# MANAGEMENT SYSTEM CERTIFICATE

Certificate No:  
173915-2015-AE-IND-RvA

Initial certification date:  
13, May, 2009

Valid:  
13, May, 2018 - 12, May, 2021

This is to certify that the management system of

**Ambuja Cements Ltd.**  
**(Unit: Farakka)**

Vill.: Kendua - 742 212, P.O.: Srimantapur, Farakka, West Bengal, India

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2015**

This certificate is valid for the following scope:  
**Manufacture and supply of Portland pozzolana cement**

Place and date:  
**Chennai, 04, May, 2018**



The RvA is a signatory to the IAF MLA

For the issuing office:  
**DNV GL - Business Assurance**  
**ROMA, No. 10, GST Road, Alandur,**  
**Chennai - 600 016, India**

**Sivadasan Madiyath**  
Management Representative



ACL/FKK/ENV/EMR/Oct/2018

30th Jan, 2019

To  
The Environment Engineer and Incharge  
West Bengal Pollution Control Board  
Malda Regional Office  
Mokdumpur, Malda

**Sub : Submission of Environment Analysis Report (External)**

Dear Sir,

As per the requirement we are submitting our 2nd half yearly'2018 Environmental analysis report (external). The following documents are attached herewith.

7. Stack analysis report

- j) Stack connected to Packer Bag Filter
- k) Stack connected to Mill Main Bag Filter
- l) Stack connected to Wagon Tippler

8. Ambient air monitoring report

- j) Weigh bridge area
- k) Main Gate Area
- l) Colony Area

Thanking you,

Yours faithfully

For Ambuja Cements Ltd  
(Unit: Farakka)



(Authorized Signatory)

28/01/19  
Received

Content Not Verified  
W.B. Pollution Control Board  
Malda Regional Office, Malda.

AMBUJA CEMENTS LIMITED  
Unit : Farakka

Vill. : Kendua, P.O. : Srimantapur, P.S. : Farakka, Dist. : Murshidabad, W.B.-742 212  
Phone : 03485 252840/37, Fax : 91 03485 251927, Telefax : 03485 252281  
Regional Off : "INDICON VIVA" 6th Floor, 53A, Lala Roy Sarani, Kolkata - 700 019  
Phone : 033-4403 3900, Fax : 2461 7744/8413  
Regd. Off. : Ambujanagar, Taluka - Kodinar, Dist. : Gir Somnath, Gujarat-362 715  
CIN No. : L2694GJ 1981 PLC 004717, Website : www.ambujacement.com




## TEST REPORT


**Name & Address of the Customer :****'AMBUJA CEMENTS LIMITED'**
 Unit- Farakka,  
 Vill- Kendua, P.O- Srimantapur,,  
 P.S- Farakka, Dist- Murshidabad,  
 Farakka- 742212, West Bengal, India
**Report No. :** WB/ED-6464**Date :** 12.11.2018**Sample No. :** MSKGL/ED/2018-19/10/00702**Sample Description :** Stack Emission**Date & Time of Sampling:** 11.10.2018  
at 10.05 am**Reference No. & Date:** 2800696849/NE-18 , Dtd:20.03.2018

### ANALYSIS RESULT

A.	<u>General information about stack :</u>		
1.	Stack connected to	:Wagon Trippler	
2.	Emission due to	:Tripping of clinker	
3.	Material of construction of Stack	:M.S.	
4.	Shape of Stack	:Circular	
5.	Whether stack is provided with permanent platform & ladder : Yes		
B.	<u>Physical characteristics of stack :</u>		
1.	Height of the stack from ground level	:19.10 m	
2.	Diameter of the stack at sampling point	:2.10 m	
3.	Height of the Sampling Point from ground level	:12.63 m	
4.	Area of the stack	:3.462 m <sup>2</sup>	
C.	<u>Results of sampling &amp; analysis of gaseous emission</u>		
		<u>Result</u>	<u>Limit</u>
1.	Temperature of emission ( °C)	: 38	---
2.	Barometric pressure (mm of Hg)	: 752	---
3.	Velocity of gas (m/sec.)	: 8.7	---
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	: 99905	---
5.	Concentration of Carbon Monoxide (% v/v)	: <0.2	---
6.	Concentration of Carbon Dioxide (% v/v)	: <0.2	---
7.	Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 16	30
D.	<u>Pollution control device</u> Details of pollution control devices attached with the stack : Bag Filter		
E.	Remarks : NIL.		

Report Prepared By 

for Mitra S. K. Private Limited

  
 Authorised Signatory

- The results relate only to the item(s) tested.

- This Test Report shall not be reproduced except in full, without the Permission of Mitra S.K. Private Limited.



## TEST REPORT

**Name & Address of the Customer :**  
**'AMBUJA CEMENTS LIMITED'**

Unit- Farakka,  
 Vill- Kendua, P.O- Srimantapur,,  
 P.S- Farakka, Dist- Murshidabad,  
 Farakka- 742212, West Bengal, India

**Report No. :** WB/ED-6466

**Date :** 12.11.2018

**Sample No. :** MSKGL/ED/2018-19/10/00704


**Sample Description :** Stack Emission

**Date & Time of Sampling:** 11.10.2018  
 at 12.35 pm


**Reference No. & Date:** 2800696849/NE-18 , Dtd:20.03.2018

### ANALYSIS RESULT

<b>A .</b>	<b><u>General information about stack :</u></b>		
1.	Stack connected to	: Cement Ball Mill	
2.	Emission due to	: Cement Grinding Process Activity	
3.	Material of construction of Stack	: M.S.	
4.	Shape of Stack	: Circular	
5.	Whether stack is provided with permanent platform & ladder : Yes		
<b>B .</b>	<b><u>Physical characteristics of stack :</u></b>		
1.	Height of the stack from ground level	: 47.7 m	
2.	Diameter of the stack at sampling point	: 1.4 m	
3.	Height of the Sampling Point from ground level	: 27.8 m	
4.	Area of the stack	: 1.54 m <sup>2</sup>	
<b>C .</b>	<b><u>Results of sampling &amp; analysis of gaseous emission</u></b>		
		<b><u>Result</u></b>	<b><u>Limit</u></b>
1.	Temperature of emission ( °C)	: 75	---
2.	Barometric pressure (mm of Hg)	: 752	---
3.	Velocity of gas (m/sec.)	: 6.8	---
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	: 30722	---
5.	Concentration of Carbon Monoxide (% v/v)	: <0.2	---
6.	Concentration of Carbon Dioxide (% v/v)	: 0.4	---
7.	Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 5.8	30
<b>D .</b>	<b><u>Pollution control device</u></b>		
	Details of pollution control devices attached with the stack : Bag Filter		
<b>E .</b>	<b>Remarks : NIL.</b>		

Report Prepared By 

for Mitra S. K. Private Limited

  
 Authorised Signatory

• The results relate only to the item(s) tested.

• This Test RePort shall not be reProduced excePt in full, without the Permission of Mitra S.K. Private Limited.



## TEST REPORT

**Name & Address of the Customer :**  
**'AMBUJA CEMENTS LIMITED'**

Unit- Farakka,  
 Vill- Kendua, P.O- Srimantapur,,  
 P.S- Farakka, Dist- Murshidabad,  
 Farakka- 742212, West Bengal, India

**Report No. :** WB/ED-6465

**Date :** 12.11.2018

**Sample No. :** MSKGL/ED/2018-19/10/00703


**Sample Description :** Stack Emission

**Date & Time of Sampling:** 11.10.2018  
 at 11.20 am


**Reference No. & Date:** 2800696849/NE-18, Dtd:20.03.2018

### ANALYSIS RESULT

A .	<u>General information about stack :</u>		
1.	Stack connected to	:Packer Main Bag Filter	
2 .	Emission due to	:Cement Packing Process Activity	
3 .	Material of construction of Stack	:M.S.	
4 .	Shape of Stack	:Circular	
5 .	Whether stack is provided with permanent platform & ladder : Yes		
B .	<u>Physical characteristics of stack :</u>		
1 .	Height of the stack from ground level	:34.5 m	
2.	Diameter of the stack at sampling point	:1.0 m	
3.	Height of the Sampling Point from ground level	:31.8 m	
4.	Area of the stack	:0.786 m <sup>2</sup>	
C .	<u>Results of sampling &amp; analysis of gaseous emission</u>		
		<u>Result</u>	<u>Limit</u>
1.	Temperature of emission ( °C)	: 44	---
2.	Barometric pressure (mm of Hg)	: 752	---
3.	Velocity of gas (m/sec.)	: 12.1	---
4.	Quantity of Gas Flow (Nm <sup>3</sup> /hr)	: 30720	---
5.	Concentration of Carbon Monoxide (% v/v)	: <0.2	---
6.	Concentration of Carbon Dioxide (% v/v)	: <0.2	---
7.	Concentration of Particulate Matters (mg/Nm <sup>3</sup> )	: 5.4	30
D .	<u>Pollution control device</u>		
	Details of pollution control devices attached with the stack : Bag Filter		
E.	<u>Remarks</u> : NIL.		

Report Prepared By 

for Mitra S. K. Private Limited

  
 Authorised Signatory

• The results relate only to the item(s) tested.

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Head Office: Shraichi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India.  
 Tel. : 91 33 40143000 / 22650006 / 22650007 Fax : 91 33 22650008  
 Email : info@mitrask.com. Website: www.mitrask.com

Page 1 of 1



## TEST REPORT

Name & Address of the Customer :  
**'AMBUJA CEMENTS LIMITED'**  
 Unit- Farakka,  
 Vill- Kendua, P.O- Srimantapur,,  
 P.S- Farakka, Dist- Murshidabad,  
 Farakka- 742212, West Bengal, India

Report No. : WB/ED-6462  
 Date : 12.11.2018  
 Sample No. : MSKGL/ED/2018-19/10/00705-707  
 Sample Description : Ambient Air Monitoring

Reference No. & Date: 2800696849/NE-18 , Dtd:20.03.2018

### ANALYSIS RESULT

Sl.No.	Location	Date of Monitoring	PM <sub>1.0</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
1	Plant Main Gate	12.10.2018	63	38	6.6	32.4	0.95
2	Colony Area	11.10.2018	48	26	4.8	26.7	0.56
3	Weigh Bridge area	13.10.2018	59	32	5.7	28.9	0.87
Limit as per CPCB notification, New Delhi, 18th Nov, 2009, for Ambient air quality Sampling and Analysis done according to			100	60	80	80	2
			IS: 5182 (Part-23) 2006	USEPA CFR -40, Part-50 Appendix- L	IS: 5182 (Part-2) 2001	IS: 5182 (Part-6) 2006	IS: 5182 (Part-10) 1999 (Reaff-2003)

Report Prepared By 

For Mitra S.K. Pvt. Ltd.



Authorised Signatory

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Head Office: Shraichi Centre (5th floor), 74B, A.J.C. Bose Road, Kolkata - 700 018, West Bengal, India.  
 Tel.: 91 33 40143000 / 22650005 / 22650007 Fax: 91 33 22650008  
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## গণবিজ্ঞপ্তি

অম্বুজা সিমেন্টস লিমিটেড নামক কোম্পানি তাহাদের ফারাক্কা সিমেন্ট কারখানাটি, বাহা কিনা গ্রাম : কেন্দুয়া, পোঃ ত্রীমতপুর, থানা : ফারাক্কা, জেলা : মুর্শিদাবাদ, পিন : ৭৪২২১২, পশ্চিমবঙ্গ রাজ্যে অবস্থিত, তাহাদের বর্তমান উৎপাদন ক্ষমতা বৃদ্ধিকরণ হেতু এই নিম্নোক্ত গণবিজ্ঞপ্তিটি জারি করিতেছে।

উপরোক্ত বিজ্ঞপ্তি অনুসারে পশ্চিমবঙ্গ সরকারের পরিবেশগত অনুমোদন জারির অধিকারী সংস্থা, SEIAA, অর্থাৎ STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY দ্বারা উক্ত প্রথম সারির সিমেন্ট প্রস্তুতকারক সংস্থা অম্বুজা সিমেন্টস লিমিটেডের ফারাক্কা অবস্থিত কারখানাটিকে তাহাদের বর্তমান উৎপাদন ক্ষমতা-0.96 MTPA হইতে বর্ধিত করিয়া 1.25 MTPA উৎপাদন ক্ষমতা ধার্য করিয়াছে।

উক্ত বৃদ্ধিকরণ হেতু পরিবেশগত ছাড়পত্র সমস্তরকম প্রামাণ্য দলিল/দস্তাবেজ তথা তৎসম্পর্কিত সর্বপ্রকার কাগজপত্র, বাহা কিনা, উক্ত কোম্পানি দ্বারা SEIAA-এর নিকট পেশকৃত তথা সর্বপ্রকার প্রশ্নের স্পষ্টিকরণের পর দেওয়া হইয়াছে। এই উপরোক্ত ছাড়পত্রের প্রত্যয়িত চিঠি তথা আনুষঙ্গিক কাগজপত্র সম্বলিত দলিল WBPCB, অর্থাৎ WEST BENGAL POLLUTION CONTROL BOARD-এর নিকট গচ্ছিত আছে।

এছাড়া সরকারের নিজস্ব ওয়েবসাইট (<http://enviswb.gov.in>) এও পাওয়া যাইবে।

Advt.

ANNEXURE-V

The Statesman

KOLKATA, WEDNESDAY 9 JANUARY 2013

PUBLIC Notice

Environmental Clearance to M/s. Ambuja Cements Ltd. Unit Farakka, Vill. Kendua, PO. Trinamapur, PS. Farakka, Dist. Murshidabad, Pin-742212, West Bengal for the proposed capacity enhancement of the existing Cement Grinding Unit.

Ambuja Cements Limited, a leading manufacturer of Cement has been accorded the Environmental Clearance under EIA Notification 2006 for capacity enhancement of the existing cement grinding unit at Farakka from 956 MTPA to 125 MTPA from State Level Environment Impact Assessment Authority (SEIAA), Department of Environment, Govt. of West Bengal after the due consideration of the relevant documents submitted by Ambuja Cements Ltd. and additional information furnished in response to its observations.

The copies of the clearance letter are available with the WBPCB and may also be seen at the website of the Ministry at <http://enviswb.gov.in>

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