

Ambuja Cement

ACL/FKK/ENV/EC-CC2/2018

21st Nov, 2018

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

Sub: Submission of Six-Monthly Compliance Report.

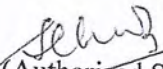
Dear Sir,

Kindly find the six monthly compliance status report for the period April'18 to Sept'18 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

Received

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

22/11/18

CC: APCCF (central), Eastern Regional Office, Bhubaneswar, Odisha.

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	SPECIFIC CONDITIONS:	
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 ³	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 quaterly 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 transfered 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. Annexure I attached.
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. Rain water harvesting structure within plant not available. We are in talk with consultant for installation.
14	Green belt shall be developed within the plant premise. As proposed. At least 37% of the area should be kept for green beld 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 ²) of total area (288230 m ²) 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. Annexure II attached.
20	The implementation and monitoring of Environmental Management Plan should be carried out as proposed.	Complied with, certified with ISO 14001:2015. Annexure III attached
B GENERAL CONDITIONS:		
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. Annexure II attached
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 environment monitoring report to WBPCB regularly. Annexure IV attached.
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 (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.	Public Notice was published in "The Statesman" in english language and in "Sangbad Pratidin" in bengali language on 9th January 2010. Annexure V attached
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



Department of Environment
Government of West Bengal
Block G, 2nd Floor, Writers Building
Kolkata : 700001

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

Date : 04 / 01 / 2010

To
M/s. Ambuja Cements Ltd.
"Surabhi", 4th & 5th Floors
8/1/2, Loudon Street
Kolkata - 700 017

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

Sir,

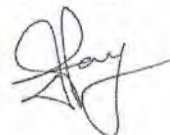
This has a reference to your application dated 31st July, 2009 and subsequent communications for environmental clearance for the proposed capacity enhancement of the existing Cement Grinding Unit of M/s. Ambuja Cements Ltd., Unit Farakka, at Vill. - Kendua, PO - Srimantapur, PS - Farakka, Dist. - Murshidabad, Pin - 742212, West Bengal.

The proposal has been examined and processed in accordance with EIA Notification, of 2006. It is noted that the proposed project is for capacity enhancement of the existing Cement Grinding unit at Farakka from 0.96 MTPA to 1.25 MTPA. It is noted that clinker will not be manufactured at the site. The manufacturing process will involve grinding of Cement Clinker with Fly Ash and Gypsum. The proponent has mentioned that capacity enhancement will be done through efficient operation of the existing facility, increased use of Fly Ash and better production planning with no additional capital investment.

It is noted that the salient features of the project, for which Environmental clearance has been considered are as follows :

- i. Location of the Site - Vill. - Kendua, PO - Srimantapur, PS - Farakka, Dist. - Murshidabad, Pin - 742212, West Bengal.
- ii. Land Area - at the existing premises of 72 acres of land area.
- iii. Production Capacity - Portland Pozzolona Cement : (existing 0.96 MTPA, additional 0.29 MTPA, after enhancement 1.25 MTPA).
- iv. Raw Materials - Clinker (0.8125 MTPA, 62%), Fly Ash (0.375 MTPA, 32%), Gypsum (0.0625 MTPA, 6%).
- v. Emission Sources - Raw Material Handling Section, Transfer Points, Cement Grinding Mill (1 no. 160 TPH), Cement Silo, Packing Section etc. to be provided with high efficiency Bag Filters.
- vi. Air Pollution Control System - Bag Filters with stack of adequate height shall be provided at Cement Mill and Packing Plant.
- vii. Total Power requirement - 8 MVA, WBPDC.
- viii. Back-up Power - DG Set 1250 KVA.

State Level Environment Impact Assessment Authority (SEIAA), examined the proposal and also perused the recommendations of the State Level Expert Appraisal Committee (SEAC). After due consideration of the project proposal, and after considering the recommendations of the State Level



Expert Appraisal Committee (SEAC), the State Level Environment Impact Assessment Authority accords Environmental Clearance to the project as per provisions of the EIA notification no. S.O. 1533 (E) dt. 14th September, 2006 of Ministry of Environment & Forests, GOI, subject to strict compliance of terms and conditions as mentioned below.

A. SPECIFIC CONDITIONS :

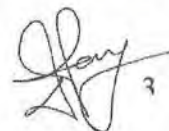
- i. The gaseous emissions from various process units should conform to the load / mass based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards.
- ii. Cement grinding shall be carried out in closed cement mill. Provision of dust extraction and pollution control systems alongwith minimum stack height of 30m from G.L. should be made for control of emission. Highly efficient Pulse Jet Bag Filters & ID Fan should be provided for Raw Material Handling Section, Cement Mill, Silo, Packing Section etc. Stack emissions shall be monitored at regular intervals and records maintained. The stack emission should not exceed 50 mg/Nm³.
- iii. Air quality monitoring data from at least three locations within 2 km of the plant premises should be submitted.
- iv. 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.
- v. 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.
- vi. Dust suppression system should be provided to arrest fugitive emission.
- vii. Adequate dust suppression and extraction system 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.
- viii. Suction head should be provided at all transfer points.
- ix. Groundwater shall not be abstracted without prior permission of the local body as well as the competent authority as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.
- x. Process effluent discharge is not permitted. No liquid effluent shall be generated by adoption of dry grinding process.
- xi. Clinker manufacturing / heating is not permitted under this environmental clearance.
- xii. Solid waste viz. dust generated shall be properly recycled and reutilized in the process itself.
- xiii. The unit should develop rainwater harvesting structures and the harvested water should be utilised for gardening and other purposes. Groundwater recharge is not permitted.
- xiv. Green belt shall be developed within the plant premises. As proposed, at least 37% of the area should be kept for green belt development. Apart from greenbelt, the unit may also develop social forestry giving priority to the fruit trees. Selection of appropriate species for the plantation programme may be done in consultation with DFO / West Bengal Wasteland Development Corporation Ltd/ West Bengal Biodiversity Board.



- xv. Ambient noise level should not exceed the permissible limit. 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 should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- xvi. All internal roads 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 vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper house keeping shall be maintained within the premises.
- xvii. Health and safety of workers should be ensured. Workers should be provided 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.
- xviii. Adequate measures to be adopted to ensure industrial safety. Proper fire detection & protection systems to be provided to control fire and explosion hazards.
- xix. Corporate Social Responsibility programmes should be carried out.
- xx. The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.

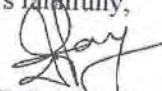
B. GENERAL CONDITIONS :

- i. 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.
- ii. 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.
- iii. 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.
- iv. The project proponent should make financial provision in the total budget of the project for implementation of 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.
- v. No further expansion or modifications in the plant should be carried out without prior approval of the State Level Environment Impact Assessment Authority.
- 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 Environment Impact Assessment Authority.
- vii. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA.

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- viii. The State Level Environment 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 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 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.
- 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.
- xi. 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.
- xii. The environmental clearance accorded shall be valid for a period of 5 years for the proposed project.
- xiii. 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 Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification 2006 and their amendments.

Yours faithfully,



(Debal Ray)

Member Secretary, SEIAA &
Chief Environment Officer



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 : Ward No. / Borough No., Holding No. 30
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 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 (m³/hr.) : 10 m³
 - (k) Maximum allowable running hours per day : 10 hr.

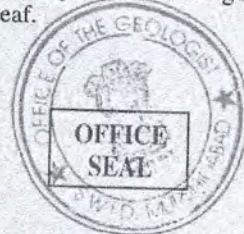
This permit authorizes the owner applicant (user) to sink a well in the location specified at S1. (2) for extraction of ground water at a rate not exceeding that as shown at S1. (3) (j) and for running hours / day as shown at S1. (3) (K), and is valid subject to the observance of the conditions stated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

Place : Berhampore

Date : 04-02-2015

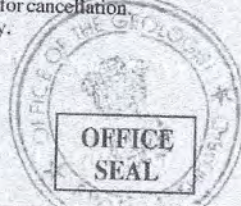
Conditions :

- (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
and Designation

Member Secretary
District Level Ground Water
Resources Development Authority,
Murshidabad



**FORM 4**

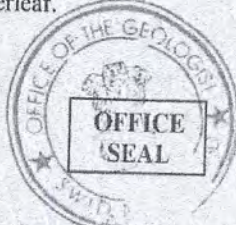
[See Rules 9(3) and 10(5)]

(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**
(in case of irrigation well) : **BP/A 0384/87, 16-05-2012**
(e) Serial No. of application Form and date of submission : **[Signature]**
(f) Specimen signature of the user : **[Signature]**
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 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 (m³/hr.) : **15 m³**
(k) Maximum allowable running hours per day : **10 hr.**

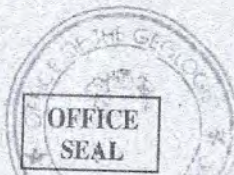
This permit authorizes the owner applicant (user) to sink a well in the location specified at S1. (2) for extraction of ground water at a rate not exceeding that as shown at S1. (3) (j) and for running hours / day as shown at S1. (3) (K), and is valid subject to the observance of the conditions stated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

Place : **Berhampore**Date : **04-02-2015**

Signature of the Issuing Authority
and Designation
SWID, Berhampore

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.

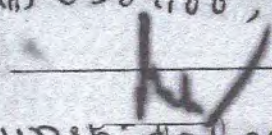


**FORM 4**

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

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

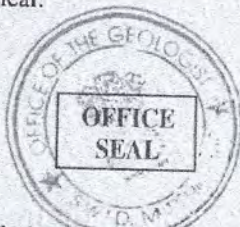
024970**PERMIT FOR SINKING OF NEW WELL**[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources
(Management, Control and Regulation) Act 2005.]PERMIT NO. **P1210 026 00713 00000 01 TSE**

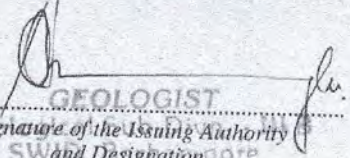
1. (a) Name of the applicant (user) : **Shri/Smt. Ambuja Cement Ltd.**
 (b) Son / Daughter of **Mouza - Soimontapur**
 (c) Address of the applicant **P.S. - Farakka, Dist. Murshidabad**
 (d) Category of farmer (Please tick) : **Small Farmer / Marginal Farmer / Others**
 (e) Serial No. of application 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 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 (m³ / hr.) : **15 m³**
 (k) Maximum allowable running hours per day : **10 hr.**

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

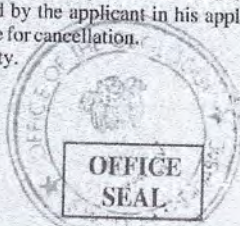
Place : **Benhamposre**Date : **04-02-2015****Conditions :**

- (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 at Sl. (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
 and Designation, Date

Member Secretary
District Level Ground Water



**Ambuja Cement Foundation
Farakka Unit
Annual Report of Health Intervention
2017-18**

Introduction:-

ACF farakka has always been guided by the principles of participation both in designing and implementing its development programmes. The changes seen through our consistent work since last few years and most importantly the community contribution in project has increased and transformation has started from activity mode to programme mode especially in the sector of health and agro base. Capacity building was the common thread running through all our development activities; we made special efforts to focus on enhancing capacities of the communities.

Here ACF-Farakka has contributed & worked with health department in awareness programme and development of IEC material to check the immunization avoidance behavior. ACF has been conducting pediatric & gynecology camps in all project village and reaching out to about 6000 population. Since we are focusing more on preventive measures of health care and doing more of awareness generation programme with health departments. The issues covered in this programme are: - Mother & child health, Importance of immunization, Sanitation & personal hygiene etc.

Major Intervention:

Mother & Child Health:-

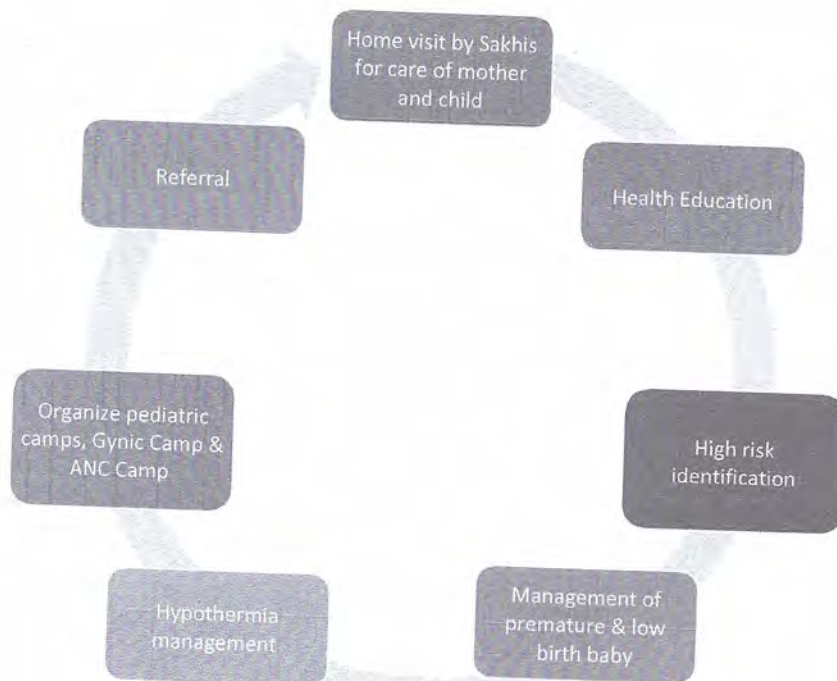
With regard to Maternal and Child Health (MCH), the NRHM set a goal to achieve reduction in infant mortality rate (IMR) to 30 per 1000 live birth, reduction of maternal mortality ratio (MMR) to 100 per 100,000 and replacement level fertility. In order to achieve these goals, NRHM has undertaken a 10- component plan of action. Out of the ten, the most important component initiated was the introduction of Accredited Social Health Activist (ASHA). Her main MCH services are awareness about family and reproductive health, birth preparedness, knowledge about antenatal, intra natal, postal care, immunization and supplementary nutrition for mother and child.

ACF-farakka has introduced SAKHI system which is the substitute of ASHA and they are placed in those villages where ASHA are not available. Our core villages are geographically located in West Bengal and Jharkhand border and the Government health care facilities are not available in this area. SAKHIS are keeping record of expected mother, ANC & PNC



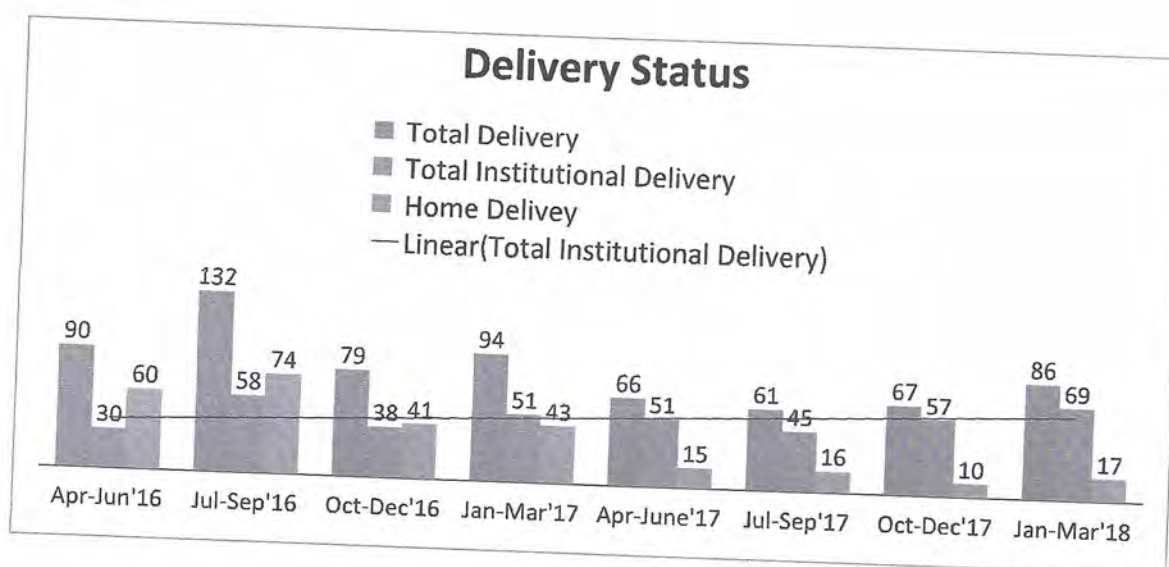
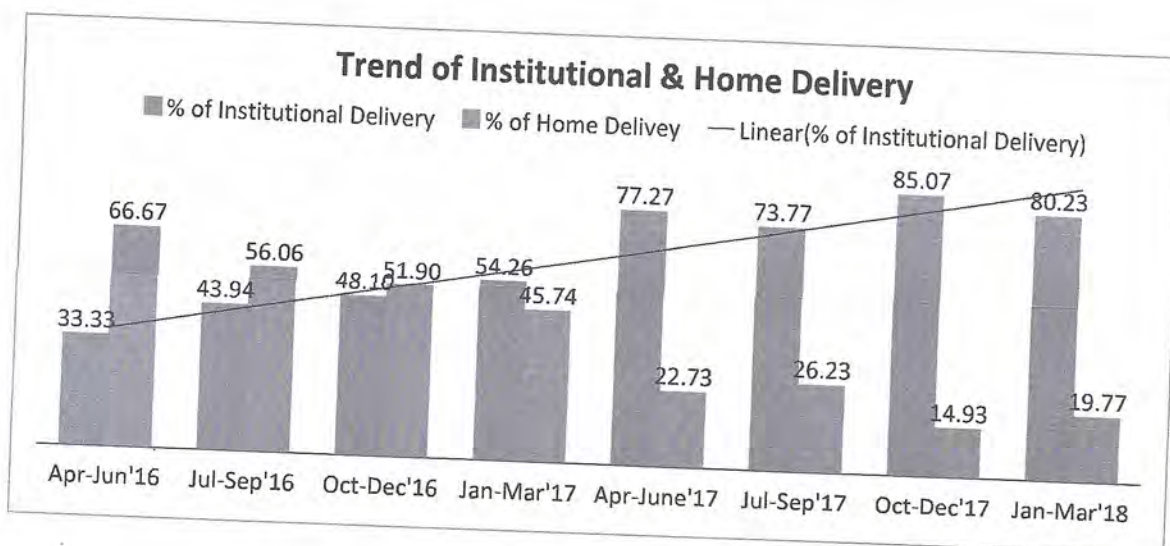
mother and also new born babies. Lots of training programme has been organized for them and improvement can be seen in institutional delivery and also immunization rate. SAKHI's are door to door visiting in their assigned village and they are identifying expected mother, high risk ANC mother, critical PNC mother, neonatal complication, and post birth complication in mother and then referring them for better services.

After Building capacities of health functionaries (SAKHIS) through training, supervision and hand holding support they are providing services to the villagers through following methods:-



In Farakka block there is only 1 block primary health center, but they don't have available equipment's so it was very much challenging for us to promote villagers for institutional delivery. Our SAKHI's are improving the rate of institutional delivery through their hard efforts. First when we started work in this area the institutional delivery was very less it may be 20 to 30 percent.





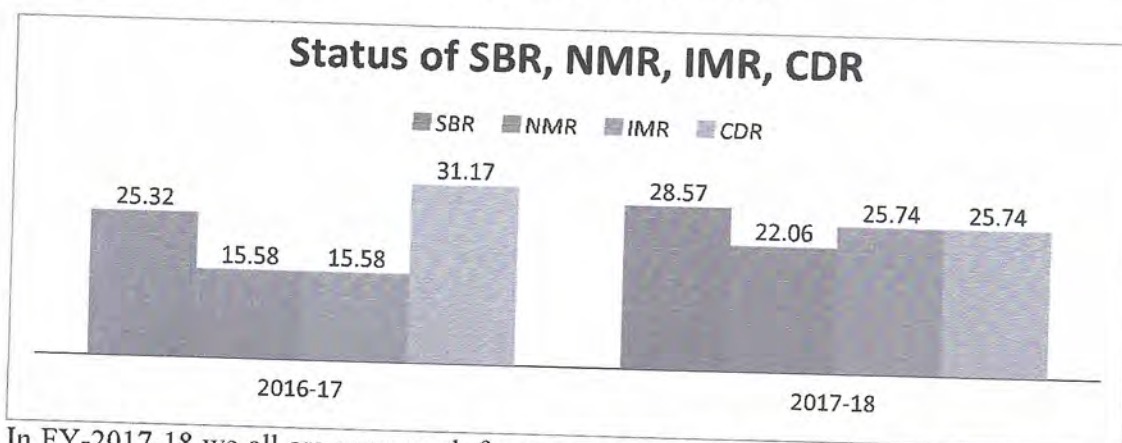
Peoples are generally depended on traditional methods of delivery they use to call local DAI-MAA in the time of delivery, even DAI-MAA was not well trained. First we trained our SAKHI's for safe delivery and then brings DAI-MAA under our intervention strategy. We start to provide incentives to DAI-MAA for promotion of institutional delivery. Though the government sub-center is situated in this area but due to lack of man power and infrastructure they are not able to reach the villagers. ACF took initiatives to promote maternal, child and adolescent healthcare through the provision of preventive, remedial and developmental health services by strengthening and liaising with governmental health systems, so as to facilitate change in health practices, reduction in IMR, MMR, and promotion of holistic health. Before start our intervention there was no tracking system of IMR and MMR rate within this area, but recently we start to track and found that the number



of still birth, Neo-natal death, and child death has been decrees but rate of IMR has been increase.

Indicator	FY-2016-17	FY-2017-18
Neo-natal death	6	6
Still birth	10	8
Child death	6	0

Status of Still Birth Rate, Neonatal Mortality Rate, Infant Mortality Rate and Child Death Rate has been given below from FY-2016-17 to FY-2017-18:-



In FY-2017-18 we all are very much focus on promotion of institutional delivery so the rate of institutional delivery has been increase but due to bad conditions of government hospital and lack of government facility SBR, NMR and IMR has been an increase even still we have 20% of home delivery which also a reason for IMR . Here some feedback from villagers on still births and neonatal deaths are given below:-

Feedback on SBR & NMR

1 **Manisha Bibi Age 23yrs** LMP 10/04/2017 EDD 17/01/2018 wife of Sabir SK of Kendua village shared that my delivery pain started at 4:00 am on 08/01/2018; I called Sakhi Didi and Sakhi didi came to my home and called Ambulance; When I admitted in the Baniagram BPHC at that time one patient was dying so that doctor and nurse were busy to attend that patient and didn't came to me; My family members and Sakhi Didi called them several times; but they didn't come; At last DAI-MAA Sakhi Didi and my family members did my delivery at hospital and I found that my child was dead; I will not come again in hospital if I do my delivery with a village quack doctor and DAI-MAA then child might be safe; It happened only for Sakhi Didi because Sakhi Didi forced me to come into hospital; First you change the situation of the Govt. hospital then came to us for hospital delivery; Can you return my child? My mental situation is very bad, please you people don't come in my house again;

2 **Fulan Hembram Age 22yrs** LMP 28/04/2017 EDD 05/02/2018 wife of Isahak Murmu of Talkola village shared that on 18/01/2018 at 7:00 pm my grandmother called Sakhi didi when I feel labour pain; Sakhi Didi came to my home and called Ambulance and the near about 8:30 pm I admitted in Baniagram hospital; After Checkup doctor referred me to Jangipur hospital and at 12:00pm we reached in Jangipur hospital;



Again doctor checked and told that my BP is high and baby's hand coming out, then doctor referred me to the Baharampur Hospital at 12:30am; In the middle road, the ambulance was badly damaged; I was feeling more and more pain; Sakhi Didi and my family members were totally hopeless; At that time Sakhi Didi called to Ambuja Sir at 2:30 am; Didi explained the situation then sir talked with Driver and convinced him to arrange another car; Then the driver arranged another car and we finally reached in Baharampur Govt. hospital at 7:00am on 19/01/2018. The Doctor checked me, did the USG whole day we wait but the doctor didn't come to me; Next day on 20/01/2018 at 2:00pm doctor did Caesarean and said my baby is no more (Died); At that time my mental condition was very bad; the doctor said that my physical condition is bad, so that they took me under their supervision; And after 7 days of supervision and treatment they released me;

3

Sudipta Das of Mahadebnagar having 1st pregnancy & went for hospital delivery on 12/09/2017 to Dhuliyar Government Hospital. On 13.9.17 at 3.30 am, she gave a birth of male child of weight 3.6 kg and it was normal delivery. But child was behaving little abnormal and did breast feeding with crying. At 5.00 am, nurse did the vaccination of BCG; Hepa- B & OPV; then doctor discharged the mother by 8.00 am on same day; on the way mother realised her son was not moving and immediately return back the same hospital and where doctor declared the child dead..

4

Khama Mondal of Chandipur village and age 33 says that it was second delivery. I was identified as high risk mother before and EDD was 18/12/2017. SAKHI didi came to me 7/12/2017 and found that movement of baby was less. She immediately told me to admit in hospital. On 11/12/2017, I went to PHC and checked. Doctor suggested me to admit in hospital. Since I am not getting any pain then we in family discussed to go Malda Nursing Home. I admitted in hospital on 14/12/2017 and immediately doctor did USG. And found my baby dead. it was girl child and weight was 2.7kg. According to doctor baby was dead in womb three days before

5

Sarswati Kunahi told that I did home delivery and avoid the instruction of SAKHI. After doing delivery through Di-Maa, my baby was not crying for a long time. We called quack doctor of village. He pushed the baby few injection but he didn't recover. And declared dead by him. This all happened due to my husband and mother in law. I am ashmed and also sad due to that incident because SAKHI has instructed me one day before for hospital delivery. We rejected her advice

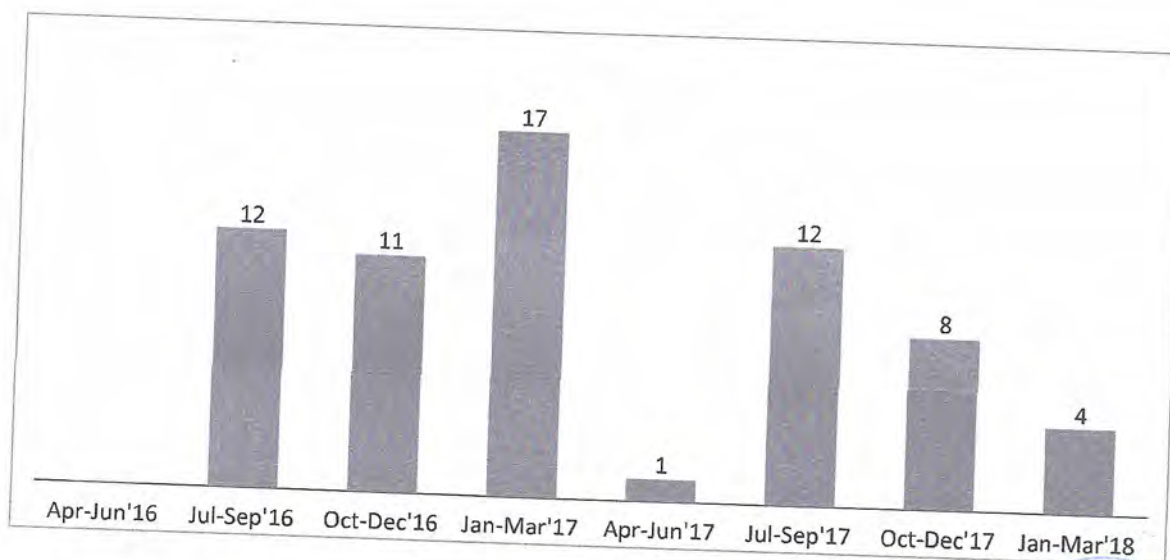
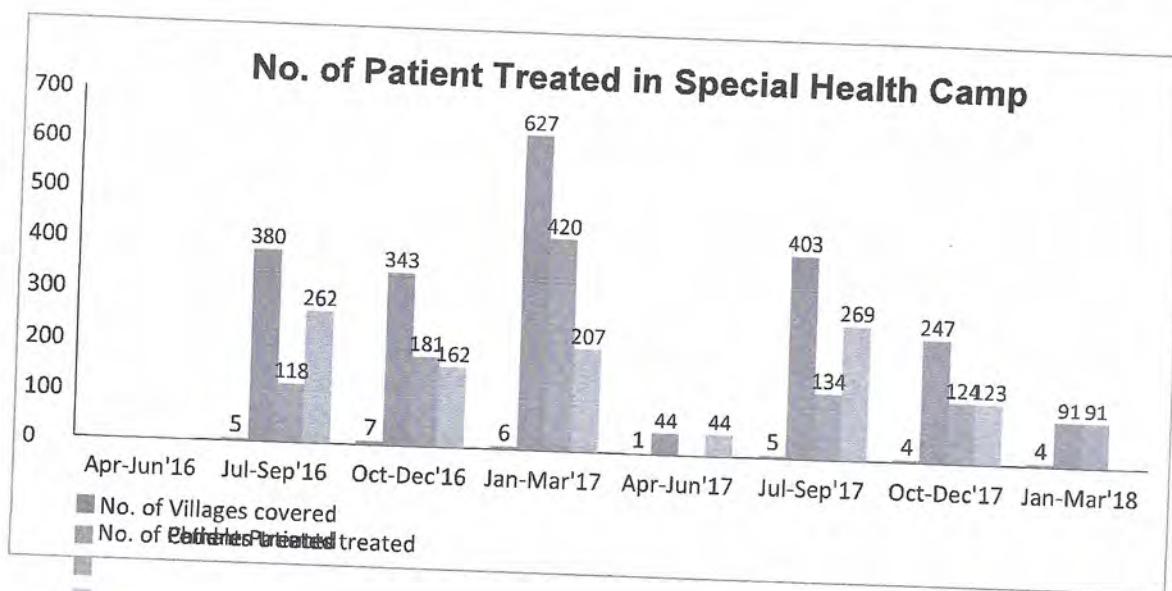
6

Sarifa bibi told that it was my fifth delivery and age is 32 years. My delivery date was 13/11/2017 but EDD was 22/12/2017. On 10/11/2017 I went to Jharkhand to my parents' home and my labour started all of sudden. Then quack doctor in village checked my BP which was high. In few hours, I gave birth to baby but he became senseless after one hours. Then quack doctor treated him and in the end he died.



Specialize Camp:-

The government health system in rural areas is unable to cope with the actual requirement, due to which common people from rural areas are not able to access basic health facilities. Also, there is very little awareness amongst them to avail the basic health check-ups regularly so as to avoid major illness. Resorting to home remedies or falling prey to unscrupulous quacks is the order of the day. In order to uplift the general health of the rural people and create proper awareness on the medical treatment available ACF conducts Health Check-up & awareness medical camps at regular intervals. The patients receive health check-ups from qualified Medical Doctors. Generally we are organising Gynec camp, Paediatric Camp, and ANC camp within our core villages. Our aim in conducting such camps is to reach out and provide good quality Health care services to as many women and child in the rural areas as possible.



Sanitation and Personal hygiene:-

Sanitation generally refers to the provision of facilities and services for the safe disposal of human urine and faeces. Inadequate sanitation is a major cause of disease world-wide and improving sanitation is known to have a significant beneficial impact on health both in households and across communities. The word 'sanitation' also refers to the maintenance of hygienic conditions, through services such as garbage collection and waste water disposal. ACF-Farakka is also focusing on sanitation programme. Staffs got CLTS training and started a programme in seven core villages. We formed sanitation committee to stopped open defecation and they are doing morning triggering in the villages. In FY-2017-18 ACF farakka supported 25 beneficiaries for household toilet construction and 23 beneficiaries for toilet repairing. Even this year we constructed one community toilet in Kalaidanga village for 8 family's those financial condition is very week. ACF farakka is also conducting personal hygiene programme in primary school and in village level with adolescent girls, Women's group and with child.

No. of participant attended in personal hygiene awareness session are given below:-

Indicator	Apr-June2017	July-Sept2017	Oct-Dec2017	Jan-Mar2018
Number of participants in the awareness session	429	682	181	188
Number of children in the awareness sessions	62	100	101	87
Number of adolescent girls in the awareness Session	101	343	35	43
Number of women in the awareness sessions	266	239	45	58



Health Care Center Project:-

In HCC project our main target groups are trackers and the allied population. Truckers are nationally mobile and hence they have the potential to expand the geographic spread of HIV by linking the epidemic from relatively higher-prevalence areas to lower-prevalence areas of any country. For these reasons, HIV prevention programs across the world have considered truckers as an important bridge group to work with for reducing the rate of HIV infection into the general population.

HCC intervention Steps-

- To create awareness within transport nagar and NH34 area on STI, HIV/AIDS , and General health services for Truckers and allied people
- To provide HIV/AIDS and STI related counseling and STI treatment through syndromic case management approach
- To organize Static Clinic for providing health services to the truckers community at their door steps
- To organize Vision Camp for providing eye related services to the truckers
- Bring innovation or adopt innovative Ideas for providing better services to our clients

HCC Data-2017-2018

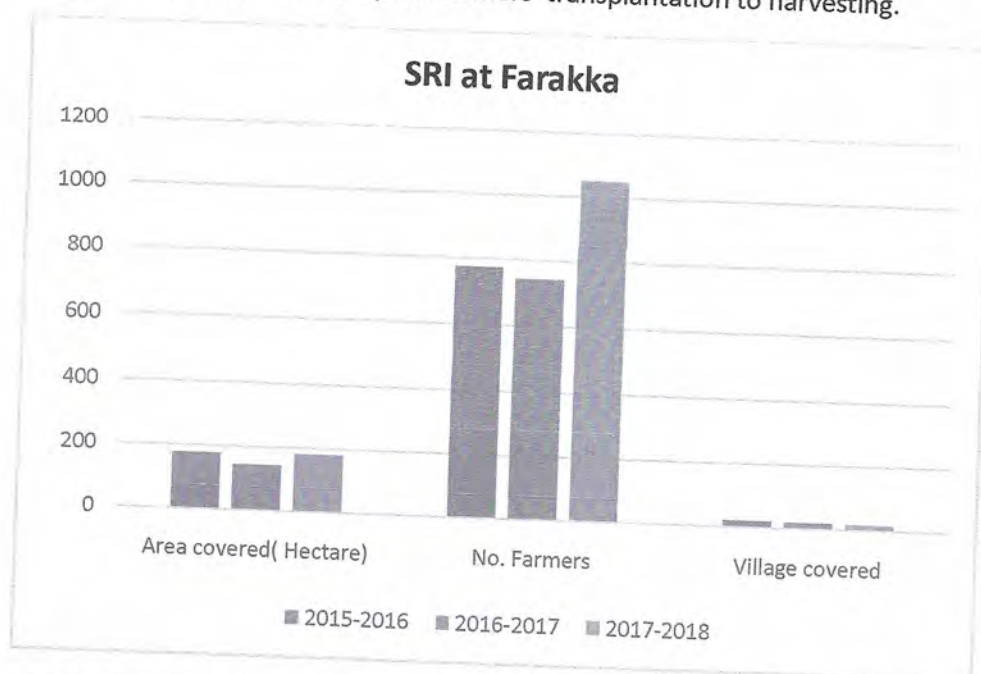
SL. NO	Particulars	Quantity Data
1	Total Coverage	15376
2	Clinical footfall	4374
3	Counseling	3239
4	STI	88
5	HIV test	828
6	HIV+	3
7	ART linkage	3
8	Condom Social Marketing	6316
9	Vision Screening	337



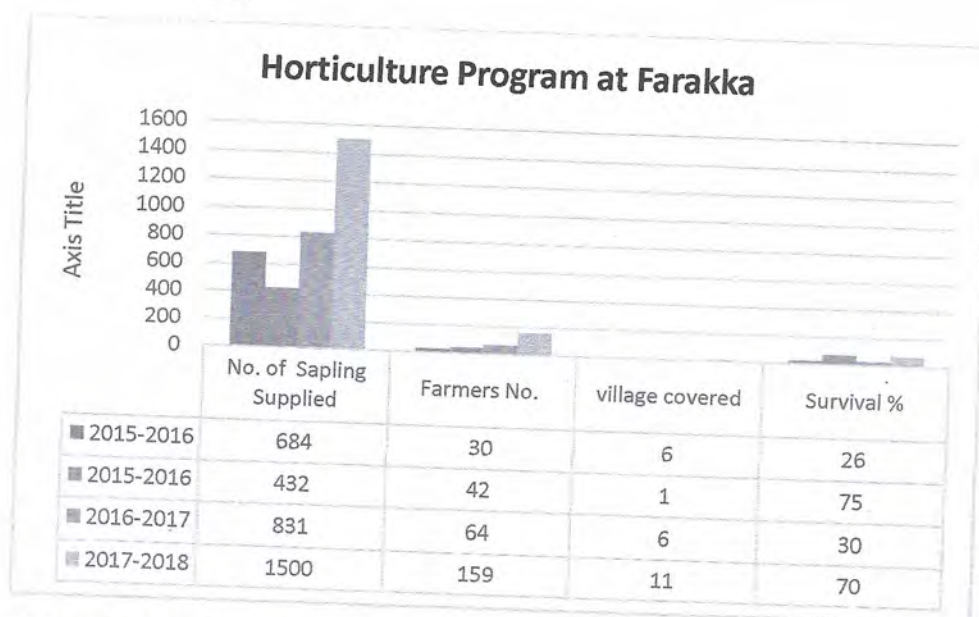
Agro Based Livelihoods Programme

Annual Report (2017-2018)

SRI at Farakka: We have started the year with SRI (system of rice Intensification) with directly 1050 farmers of 18 Farmers Clubs in Farakka location. We have covered 181 Hectare land. We have supported the farmers with IPM materials only, which includes pesticide, fungicide & micro nutrients. All other costs have borne by the farmers' transplantation to harvesting.



Mango plantation: We have distributed 1500 No. of the mango sapling to 159 farmers 11 villages. It has covered 5.4 hectare land by mango plantation. Beside that we have developed 5 no. Papaya patch in 3 villages.



Aquaculture Program: we have selected 50 ponds for scientific culture with 63 marginal farmers. We have imparted the training from district level trainer to grass root trainer developed by us. We



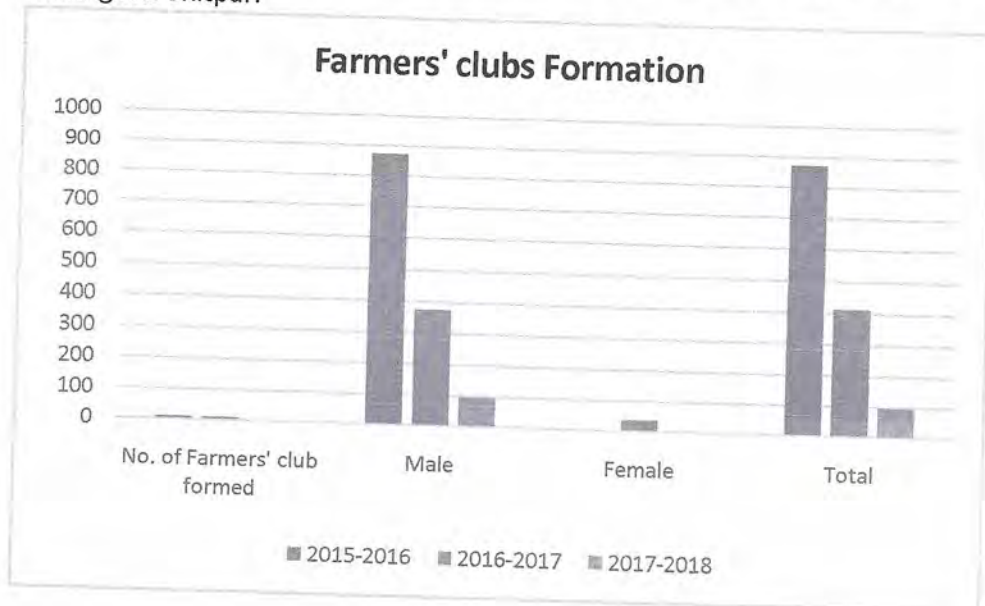
have supported the farmers with fingerlings, fish feed& lime. Aim of our program is to increase the current yield up to 10-20% & motivate the farmers for the scientific farming.

Rabi program: Current year, in Murshidabad district prohibited for wheat cultivation by government for preventing to check the Blast disease in adjoining Bangla Desh districts. That is why we have supported all 606 last year farmers of wheat with alternative Gram& lentil seed. We have supported the farmers 149 hectare for gram& 41 hectare lentil cultivation. We have supported them with POP,INM& IPM training up to marketing through govt.& other agency.

Irrigation Project in Kalaidanga village: with the help of 81 farmers, we have developed the permanent Lift irrigation system on the local Kangloairiver for 20 hectare dry land. It will help the farmers to take three crops in year from land till now they are taking only paddy crop from the land.

Training Imparted: in current year we have imparted 1728 farmers from 71 training programs by state level, district, block level& local level trainer for implementing the program.

Farmers club: in current year, we have formed 2 farmers' clubs in our left core village namely Tildanga&Dohitpur.



Three Farmers' clubs have formed the Farakka farmers' Federation with the help of Nabard.

Goat Based livelihood program: We have started the program from Kendua Village, 12 GBLGs with 233 women have adopted the program.



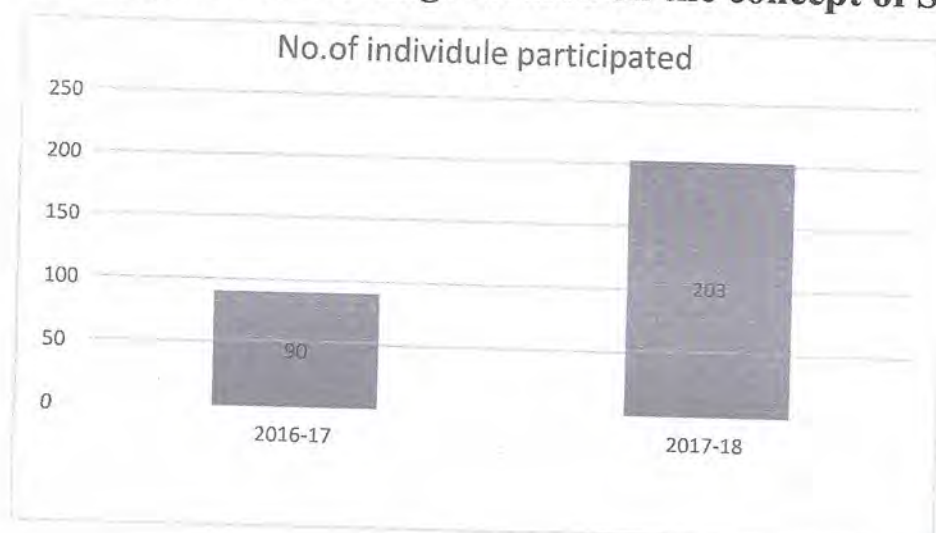
Ambuja Cement Foundation
Farakka Unit
Women Empowerment Programme
Annual Report
2017-18

Introduction:-

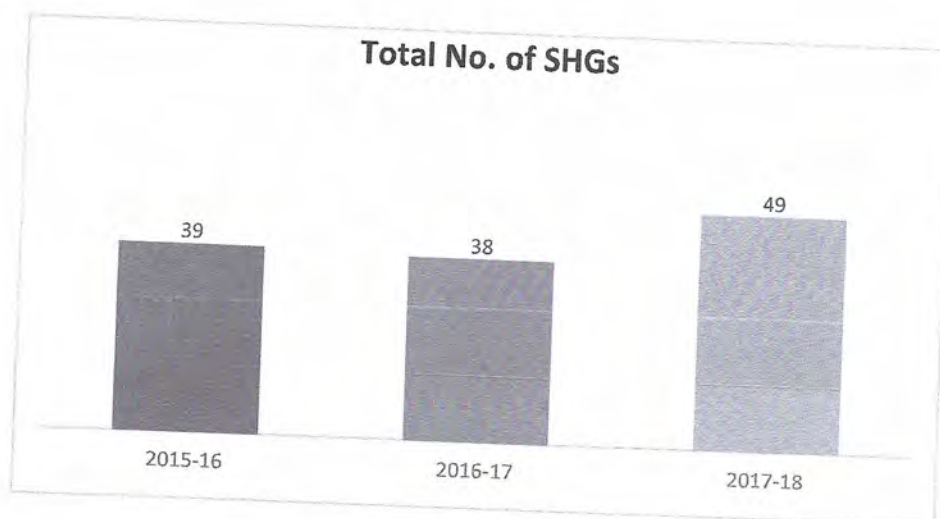
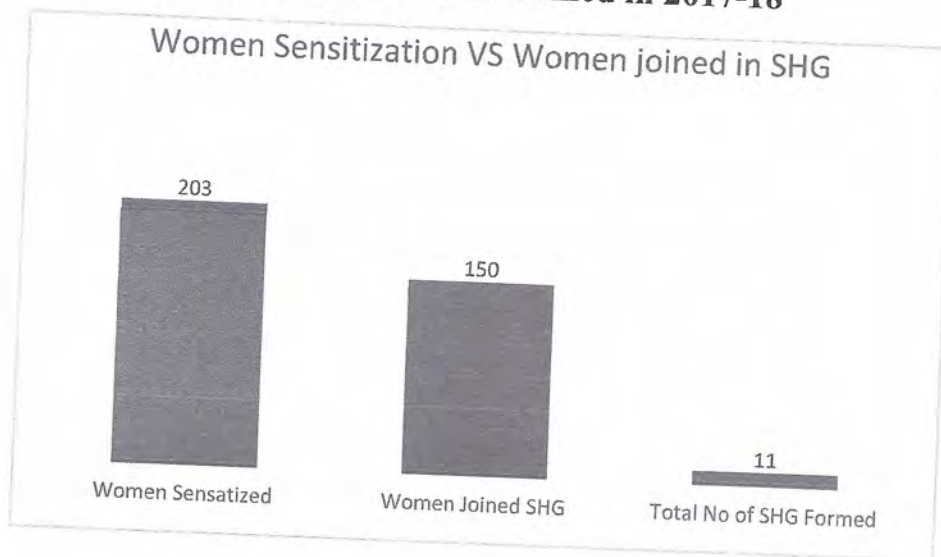
The women empowerment programme of ACF-Farakka focuses on bringing women together for creating a common platform of mutual trust and support. The Self Help Group program is an extension of the Women's Empowerment program under which, the women save up small amounts every month in SHGs (Self Help Groups). They borrow small loans from their SHGs which help overcome their dependency on traditional money lenders for petty credit needs. The SHG also allows women to set up small business for earning some cash. Besides the financial autonomy, the SHG extends a platform for these women to discuss social issues. It strengthens their solidarity, builds their confidence and allows them a space to unload and deliberate solutions.

In the last two years the efforts have been made in strengthening the smooth functioning of SHGs. ACF-Farakka organized a number of trainings and workshops for staff members as well as the members of SHGs. The trainings helped the participants learn skills of auditing of SHGs, profit distribution, qualitative monitoring, standardization of SHG norms and streamlining MI. This year the SHGs took a step ahead and began to contribute towards the costs for audit and book keeping.

Participated in Meetings focused on the concept of SHGs



Women Sensitization VS SHG formed in 2017-18



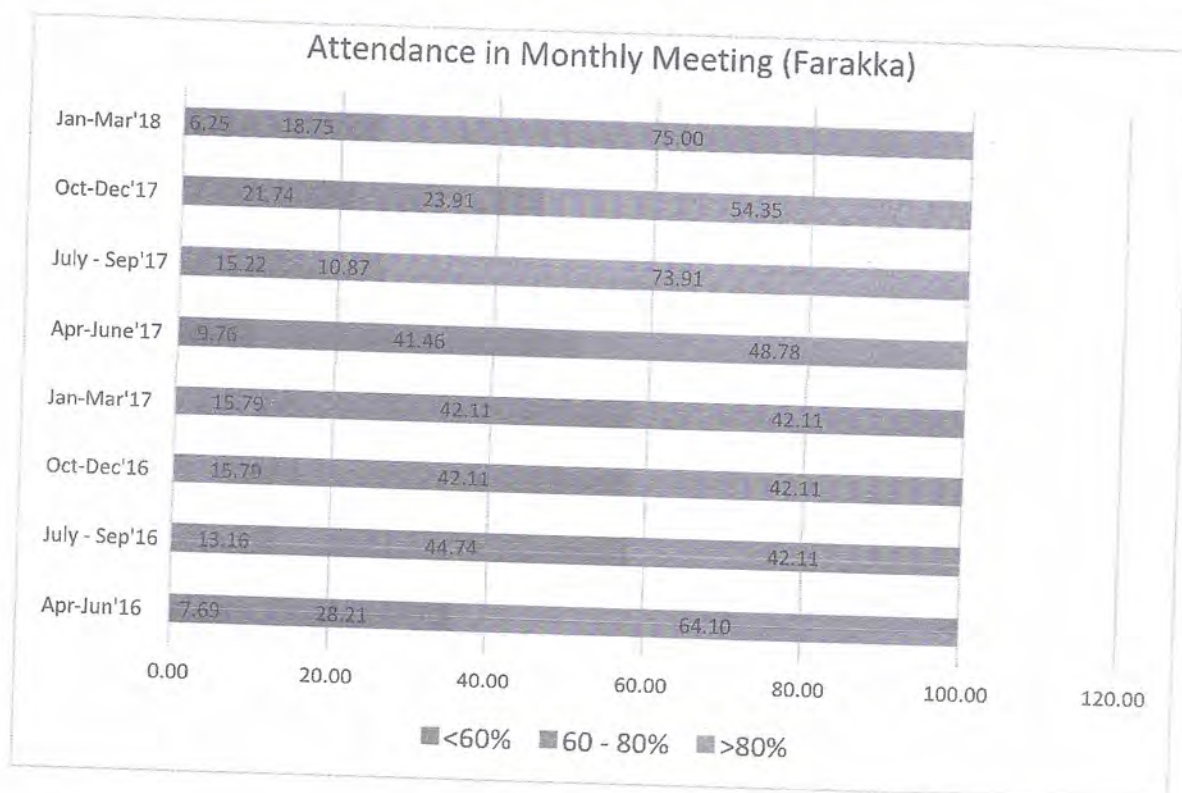
Linkage with financial institutions:-

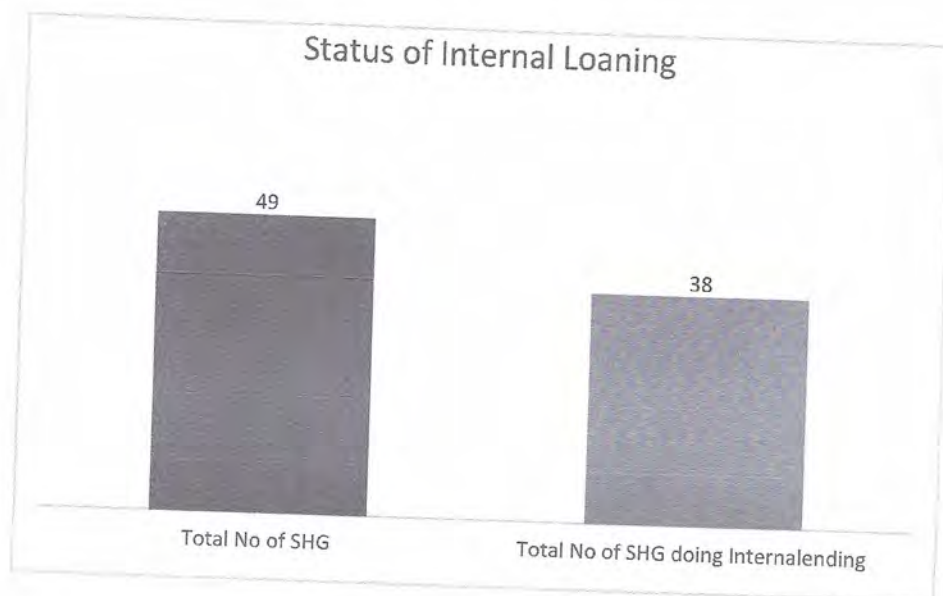
SHGs are formally recognized by the Government and therefore it is mandatory for each SHG to have a bank account. Every year, banks carry out a procedure known as grading, under which SHGs performance is graded based on some guidelines. Grading helps monitor the SHGs and also makes an SHG eligible to avail financial support from the Government through schemes such as SGSY (Swarna Jayanti Swarojgar Yojna). Under this scheme on first grading when a SHG performs well, the Government gives the SHG funds equivalent to the existing amount in their own bank account. This doubles the savings of the women. The Grading is very competitive and therefore very few SHGs get through the first grading.



Savings & Credit related regulation after group formation:-

- 1 Sarswati SHG & Lakhi SHG & Puja SHG & Behula SHG of Kendua village has taken decision to increase their monthly saving from Rs. 50 to Rs. 100 because our saving amount is less compare to other group in village and also we discussed each members of our SHGs. There will be no issue and if we do like that then our saving amount will increase gradually and we can get more loan also.
- 2 Maa Kali SHG of Kendua village- took decision that untill unless all members of group don't clear their pending interest and principal amount then fresh loan will not be given. Because till date more 50,000/- Principal amount and of Rs. 18,000 of interest amount are pending with members for a long time. Group decided to submit the amount before of Kali Puja. Ms. Sima Bagdi, Secretary of group saying that we will not keep our SHGs book and seal etc with Ms. Chabi Bagdi (President of Group) as she often becoming failure to bring all these in meeting and group members are facing problem. From today onward, I will keep all these required materials with me.





Challenges

1. Literacy rate within women's group is very low so it is very much challenging for the group members to mention the book keeping properly. Those have education not devoting the time for learning the book keeping due to time factor. They are investing their whole leisure time after house hold work in Bidi rolling work.
2. Due to PARDA PRATHA within Muslim majority village women's are fill hesitate to come out from the family.
3. Tribal women's are generally engaged in daily labour activity so the regular attendance of the members is a big challenge within Tribal mainly.
4. Marketing is a big challenge in microenterprises that have been undertaken by some SHGs. For example - the marketing and sale of goat is still challenging because the goat isn't popular yet mostly.
5. Due to not reaching the Government welfare schemes to all members of Group from Panchayat.



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/April/2018

Ambuja Cement

9th July, 2018

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 1st half yearly '2018 Environmental analysis report (external). The following documents are attached herewith.

1. Stack analysis report
 - a) Stack connected to Packer Bag Filter
 - b) Stack connected to Mill Main Bag Filter
 - c) Stack connected to Wagon Tippler

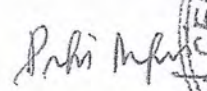
2. Ambient air monitoring report

- a) Weigh bridge area
- b) Main Gate Area
- c) Colony Area

Thanking you,

Yours faithfully

For Ambuja Cements Ltd.
(Unit: Farakka)


(Authorized Signatory)



4/10/07/18.
Received
Content Not Verified
W.B. Pollution Control Board
Malda Regional Office, Malda.

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-4674
 Date : 22.05.2018
 Sample No. : MSKGL/ED/2018-19/04/01232
 Sample Description : Stack Emission
 Date & Time of Sampling: 25.04.2018
 at 02.30 pm

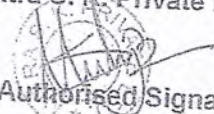
Reference No. & Date: 2800696849/NE-18 , Dtd:20.03.2018

ANALYSIS RESULT

A.	General information about stack :		
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.	Physical characteristics of stack :		
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 ²	
C.	Results of sampling & analysis of gaseous emission		
1.	Temperature of emission (°C)	Result	Limit
2.	Barometric pressure (mm of Hg)	: 78	---
3.	Velocity of gas (m/sec.)	: 754	---
4.	Quantity of Gas Flow (Nm ³ /hr)	: 7.49	---
5.	Concentration of Carbon Monoxide (% v/v)	: 35005	---
6.	Concentration of Carbon Dioxide (% v/v)	: <0.2	---
7.	Concentration of Particulate Matters (mg/Nm ³)	: 0.4	---
		: 6	30
D.	Pollution control device		
	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-4673
 Date : 22.05.2018
 Sample No. : MSKGL/ED/2018-19/04/01231
 Sample Description : Stack Emission
 Date & Time of Sampling: 28.04.2018
 at 11.00 am

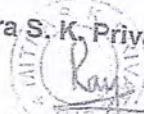
Reference No. & Date: 2800696849/NE-18, Dtd:20.03.2018

ANALYSIS RESULT

A.	General information about stack :		
1.	Stack connected to		
2.	Emission due to	:Wagon Tripler	
3.	Material of construction of Stack	:Tripling of clinker	
4.	Shape of Stack	:M.S.	
5.	Whether stack is provided with permanent platform & ladder	:Circular	
B.	Physical characteristics of stack :		
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 ²	
C.	Results of sampling & analysis of gaseous emission		
1.	Temperature of emission (°C)	Result	Limit
2.	Barometric pressure (mm of Hg)	: 60	---
3.	Velocity of gas (m/sec.)	:754	---
4.	Quantity of Gas Flow (Nm ³ /hr)	:10.03	---
5.	Concentration of Carbon Monoxide (% v/v)	:111224	---
6.	Concentration of Carbon Dioxide (% v/v)	:<0.2	---
7.	Concentration of Particulate Matters (mg/Nm ³)	: 0.2	---
D.	Pollution control device		
	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.

Head Office: Shraichi Centre (5th floor): 74B, A.J.C. Bose Road, Kolkata - 700 016, West Bengal, India.
 Tel. : 91 33 40143000 / 22650000 / 22650007 Fax : 91 33 22650008
 Email : info@mitrask.com. Website: www.mitrask.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-4675
 Date : 22.05.2018
 Sample No. : MSKGL/ED/2018-19/04/01233
 Sample Description : Stack Emission
 Date & Time of Sampling: 25.04.2018
 at 10.45 am

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

ANALYSIS RESULT

ANALYSIS RESULT

A. General information about stack :

- Stack connected to : Packer Main Bag Filter
- Emission due to : Cement Packing Process Activity
- Material of construction of Stack : M.S.
- Shape of Stack : Circular
- Whether stack is provided with permanent platform & ladder : Yes

B. Physical characteristics of stack :

- Height of the stack from ground level : 34.5 m
- Diameter of the stack at sampling point : 1.0 m
- Height of the Sampling Point from ground level : 31.8 m
- Area of the stack : 0.786 m²

C. Results of sampling & analysis of gaseous emission

	Result	Limit
1. Temperature of emission (°C)	: 38	---
2. Barometric pressure (mm of Hg)	: 754	---
3. Velocity of gas (m/sec.)	: 13.75	---
4. Quantity of Gas Flow (Nm ³ /hr)	: 37038	---
5. Concentration of Carbon Monoxide (% v/v)	: <0.2	---
6. Concentration of Carbon Dioxide (% v/v)	: 0.6	---
7. Concentration of Particulate Matters (mg/Nm ³)	: 6	30

D. Pollution control device

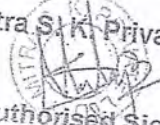
Details of pollution control devices attached with the stack : Bag Filter

E. Remarks : NIL.

Report Prepared By 

Report Prepared By 

for Mitra S. K. Private Limited


 Authorised Signatory

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Head Office: Shrachi 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
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TEST REPORT

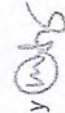
Name & Address of the Customer :
AMBUJA CEMENTS LIMITED,
 Unit- Farakka,
 Vill- Kendua, P.O- Srimantapur,,
 S- Farakka, Dist- Murshidabad,
 Farakka- 742212, West Bengal, India

Report No. : WB/ED-4671
 Date : 22.05.2018
 Sample No. : MSKGL/ED/2018-19/04/01194-96
 Sample Description : Ambient Air Monitoring

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

ANALYSIS RESULT

Sl.No.	Location	Date of Monitoring	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO (mg/m ³)
1	Plant Main Gate	24.04.2018	84	49	6.9	39.9	0.84
2	Colony Area	25.04.2018	57	24	5.8	30.5	0.55
3	Weigh Bridge area	26.04.2018	67	41	6.1	35.5	0.78
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

data relate only to the item(s) tested.

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

গণবিজ্ঞপ্তি

অম্বুজা সিমেন্টস লিমিটেড নামক কোম্পানি তাহাদের ফারাক্কা সিমেন্ট কারখানাটি, যাহা কিনা গ্রাম : কেন্দুয়া, পোঃ শ্রীমন্তপুর, থানা : ফারাক্কা, জেলা : মুর্শিদাবাদ, পিন : ৭৪২২১২, পশ্চিমবঙ্গ রাজ্যে অবস্থিত, তাহাদের বর্তমান উৎপাদন ক্ষমতা বৃদ্ধিকরণ हेतু এই নিম্নোক্ত গণবিজ্ঞপ্তি 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 हेতু পরিবেশগত ছাড়পত্র সমস্তরকম প্রামাণ্য দলিল/দস্তাবেজ তথা তৎসম্পর্কিত সর্বপ্রকার কাগজপত্র, যাহা কি না, 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

The Statesman

KOLKATA SATURDAY 9 JANUARY 2016

PUBLIC Notice

Environmental Clearance to M/s Ambuja Cements Ltd. Unit Farakka at Vult-Kenduia PO, Samsatapur, PS Farakka, Dist. Murshidabad, Pin 742012, 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 0.96 MTPA to 1.25 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 clarification 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>

(2006)

msw