

rediffmail

Subject: Submission of half yearly compliance report and all other correspondences to IRO Guwahati, Assam-reg

From: MoEF&CC, Regional Office, Shillong <moefro.shillong@gov.in>

To: kpcementsmailbox@rediffmail.com

Sir/Madam,

In inviting a reference to the above, I am directed to inform that all developmental projects of **Assam, Arunachal Pradesh and Nagaland** now come under the jurisdiction of Integrated Regional Office, Guwahati, Assam.

Henceforth, it is requested that all necessary correspondences pertaining to half yearly compliance reports and other matters w.r.t. projects of Assam, Arunachal Pradesh and Nagaland may be directly done to:

The Regional Officer,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Guwahati,
4th Floor, Housefed Building, GS Road, Rukminigaon Guwahati-781022
Telefax: 0361-2330984
Email: iro.guwahati-mefcc@gov.in " rel="nofollow noopener noreferrer" style="color: #005a95; text-decoration: none; cursor: pointer;">iro.guwahati-mefcc@gov.in" data-mce-href="mailto:iro.guwahati-mefcc@gov.in" data-mce-style="color: #005a95; text-decoration: none; cursor: pointer;" target="_blank" rel="external">>iro.guwahati-mefcc@gov.in

Regards,
MoEF & CC,
IRO, Shillong



Perf. Copy
Another Name of Trust

KAILASHPATI CEMENT LTD.

A Manufacturing Unit of KP Cement

CIN : U26942AS2003PLC007248

Ref No: - KPC/MoEF-Shillong/21-22/ 74

Date: - 17/04/2021

To,

The Joint Director (S)
Ministry of Environment and Forest
North Eastern Regional office
LAW-U-SIR, LUMBATNGEN
Near MTC Workshop
Shillong- 793021

Reference: F.NO.J-11011/24/2010-IA-II (I), Government of India, Ministry of Environment and Forest, (I.A Division) General condition point IV letter dated: 3rd April, 2012 regarding Environmental Clearance.

Sub:- Submission of Half yearly Compliance report and Environmental Audit report.

Respected Sir,

With due respect, it is for your kind information that on behalf of Kailash Pati Cement Limited, Bennibari Industrial Estate, Baksa (B.T.A.O) Assam. With reference to the above mention subject we are enclosing the following

1. COMPLAINE REPORT OF ENVIRONMENTAL CLEARANCE FOR THE PERIOD OF 1st April 2020 to 30th Sept 2020.
2. COMPLAINE REPORT OF ENVIRONMENTAL CLEARANCE FOR THE PERIOD OF 1st Oct 2020 to 31st March 2021.
3. ENVIRONMENTAL AUDIT REPORT FOR THE FINANCIAL YEAR ENDING THE 31st March 2021.

Thanking You

You're faithfully
For,

Kailashpati Cement Ltd.

Managing Director

Kartik Chandra Sarmah

Managing Director

Kailash Pati Cement Limited

COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE

FOR THE PERIOD OF 1st October-2020 TO 31st March-2021

KAILASH PATI CEMENT LIMITED

Environmental Clearance No: J-11011/24/2010-IA-II (I) Dtd. 3rd April-2012

Expansion of Cement Plant (from 50 TPD to 360 TPD of Ordinary Portland and Portland Pozolona Cement) at Dag No-76, Bennibari Industrial Estate, Village-Bennibari, Mouza: Howly District Baksa in Assam

Location: Dag No-76, Bennibari Industrial Estate, Village -Bennibari, Mouza: Howly, District Baksa in Assam

A. SPECIFIC CONDITIONS

SL.No.	CONDITIONS	COMPLIANCE
(i)	Compliance to all the specific and general conditions stipulated for the existing plant by the Central/State Government shall be ensured and regular reports submitted to the machinery's Regional office at Shillong/SPCB	The condition will be complied
(ii)	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. After expansion, limit of PM shall be controlled within 50 mg/m ³ by installing adequate air pollution control system. Electrostatic precipitators to clinker cooler, bag house to raw mill/h and bag filters to coal mill and cement mill.	The condition are completed bag filter are provided. Stack Monitoring report of Assam Pollution control Board enclosed in Annexure-I and Online CEMS Monitoring data report enclosed in Annexure-II.
(iii)	Possibilities shall be explored for the proper and full utilization of gases generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility report shall be prepared and submitted to the ministry and its Regional Office at Shillong within 3 Months from the date of issue of the year	This point is under consideration due to our Kiln section has been stopped since September-2010.
(iv)	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November,2009 Should be followed.	Complied with the AMBIENT Air Quality report enclosed in Annexure -III
(v)	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard should be followed.	We will control fugitive emission from all the sources with the latest permissible limits issued by the MOEF guidelines
(vi)	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transposed in the closed containers only and shall not be overloaded. The company shall have separate truck parking area. Vehicular emissions should be regularly monitored.	Efforts to reduce impact of the of the transport of the raw materials and end products on the surrounding environment including agriculture land. Covered trucks has been use for transportation of raw materials and finished product. Vehicular emissions will also regularly monitoring. All raw materials

		including Flyash or Finished Product Transportation against used covered Trucks Photocopy enclosed in Annexure -IV
(vii)	Total water requirement shall not exceed 8 mlday. All the treated wastewater shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge should be adopted.	No water will be required in the process. Water will be required only for cooling and it can be recycled. There will be "Zero" discharge of industrial water. The water use in the water scrubber is recycled. Only domestic effluent will be generated and same treatment with T stage filtration upto 5 ml effluent treatment plant. Photography of ETP in Annexure-V.
(viii)	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	The condition will be complied.
(ix)	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated waste water should meet the norms prescribed by the state Pollution Control Board or described under the E(P) Act whichever are more stringent. Leach ate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry's Regional Office at Shillong, SPCB and CPCB.	The condition will be complied. Industrial waste water will not be generated as no water will be required in the process. Water will be required for cooling and it can be recycled. Only domestic effluent will be generated, which will be treated with 5 ml effluent treatment plant.
(x)	All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices should be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers / reprocessors only.	The condition will be complied.
(xi)	Earth quake and Seismic hazard management plan shall be submitted to the Ministry's Regional Office at Shillong within three months.	The Earth quake and seismic hazard management plan are in the EIA report.
(xii)	Effort shall be made to use low-grade lime, more fly ash and solid waste in the cement manufacturing.	This point is under implementation.
(xiii)	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision should be made accordingly.	This point is under consideration.
(xiv)	As proposed, green belt shall be developed in at least 33 % area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emission in consultation with local DFO.	The green belt has been developed as per the guidelines of CPCB to mitigate the effect of fugitive emissions. Green belt to be developed in 33% of the area and same is under process. Copy of letter to the divisional forest office for regarding planting of the saplings. Photography of green belt area Enclosed in Annexure -VI.
(xv)	All the recommendations made in the Charter on Corporate Responsibility for	The recommendations are under

	Environment Protection (CREP) FOR THE Cement plants should be implemented.	implementation.
(xvi)	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan shall be prepared and submitted to the ministry's Regional Office at Shillong. Implementation of such program shall be ensured accordingly in a time bound manner.	The recommendations are under implementation.
(xvii)	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The condition is complied. KPC has provided housing for construction labour within the site with all necessary basic essential facilities such as Gas for cooking, houses, sanitary toilets, safe drinking water, and medical health facilities. All Photography's are Enclosed in Annexure -VII.
S N	CONDITIONS	COMPLIANCE
B	General Conditions	
(i)	The project authorities must strictly adhere to the stipulations made by the Assam State Pollution Control Board and the State Government.	Complying and undertake to comply we are committed to follow the stipulations made by Assam Pollution control Board and State Government.
(ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and forests.	The condition will be complied and no further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and forests
(iii)	The gaseous emissions from various process units shall conform to the load/mass based standards notified by the Ministry on 19 th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	The condition will be complied.
(iv)	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO ₂ and NO _x , are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its regional Office at Shillong and the SPCB/CPCB once in six months.	The condition will be complied. We are enclosing ambient air quality monitoring report and Online CEMS Monitoring data reports Enclosed in Annexure - I & II.
(v)	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	There will not generation of Industrial waste water. Only domestic effluent will be generated, which will be treatment with 7 stage filtration up to 5KLD. Effluent Treatment Plant after the treated waste water has utilized for Plantation purposes.
(vi)	The overall noise levels in and around the plant area shall be kept well within the standards (65 dBA) by providing noise control measures including acoustic	Complying, Noise abatement measures have been provide at appropriate places in order

	hoods, silencers, enclosure etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	To meet the standards prescribed and same shall be maintained.
(vi)	Occupational health surveillance of the workers should be done on a regular basis and record maintained as per the factories Act.	The occupational health surveillance of the workers will be done on a regular basis and record maintained as per the factories Act. Details Photography & reports are enclosed in Annexure-VIII.
(vii)	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Water reservoir will be constructed within the premises to store Rain water. There will also be recharge pits to recharge the ground water table.
(ix)	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	The point is complied.
(x)	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional office of the Ministry at Shillong. The funds so provided shall not be diverted for any other purpose.	We have proposed Rs. 20.00 lakhs and Rs. 1.50 lakhs as a capital-cost and recurring cost/ annum for environment pollution control measures.
(xi)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila parishad/Municipal Corporation, Urban Local Body and the local NGO if any, from whom suggestion/representation, if any, were received while processing the proposal. The clearance letter shall also be put the web site of the company by the proponent.	Complied Enclosed in Annexure - IX.
(xii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of CPCB and the SPCB. The criteria pollutant levels namely, PM10, SO2, NOX (ambient levels as well as stack emissions) or critical sectoral parameters indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The Criteria Pollution level & online CEMS monitoring data reports displayed at a convenient location near the main gate of the company. Photography for displayed enclosed in Annexure-X.
(xiii)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Shillong/CPCB/SPCB shall monitor the stipulated conditions.	Complied. The six monthly compliance reports are submitted to the concerned authorities.
(xiv)	The environmental statement for each financial year ending 31 st March in form-V as is mandated to be submitted by the project proponent to the concerned State	Point is noted and the environmental statement will be submitted in Form-V

	Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MCAEF at Shillong by e-mail.	
(iv)	The project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Shillong.	Compiled. A copy of public notice published in news paper is attached as Annexure -XII. We have also forwarded a copy of Environmental clearance letter to the regional office at Shillong & Pollution control Board of Assam. Copy of forwarding letter is attached as Annexure -XII.
(vii)	Projects authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	The date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work has already been informed.
(xvi)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Point is noted.
(xvii)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Point is noted
(xx)	The Above conditions shall be enforced inter-alia under the provision of the water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and trans boundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.	Point is noted

For,
Kailashpati Cement Ltd.

Managing Director



POLLUTION CONTROL BOARD :: ASSAM
BAMUNIMAI DAM, GUWAHATI-21.

Analysis Report of Ambient Air Quality Monitoring conducted in M/s. Kailashpati Cement Ltd., Bennibari Industrial Estate, Bennibari (Howly), Dist. Baksa, Assam.

Report No. AA-542/2021

Date. 23.02.2021

Date of Monitoring	Source/Location	PM ₁₀ µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	Weather	Remarks
17.02.2021	Towards South-West corner of the plant, within the premises of M/s. Kailashpati Cement Ltd.	83	09	17	Clear	During monitoring the Unit was in operation

N.B. Ambient Air Quality monitoring conducted as 24 hrs. time weighted average.

Ambient Air Quality Standards:

Pollutant	Time Weighted Average	Concentration in Ambient Air
Sulphur Dioxide as SO ₂		80 µg/m ³
Nitrogen Dioxide as NO ₂	24 hrs.	80 µg/m ³
Particulate Matter of size less than 10µm or PM10		100 µg/m ³

✓ 24.02.21

I/c, Central Laboratory

For,

Kailashpati Cement Ltd.

H.S.
Managing Director

Barpeta Road C.M.C. (P.D.H.)

Regd. No.

Date 21/10/2020

ANX-VIII

Name: Ramen Roy

Age: 44 yrs

Sex:



RX BP 122
80

Adv
① x-ray chest PA view

② PFT.

L.D
21/10/2020

Medical Officer
Barpeta Road PHC
Dist. Barpeta (Assam)

Enr,

Nashipati Cement Ltd.


Managing Director

ANX-VII

FORM-28

PRESCRIBED UNDER SCHEDULE XXII TO RULE-94

Certificate of Fitness

Serial Number: 7

I I certify that I have personally examined

(Name) Rameem Ray

son of (Father Name) Gjamesh Ray

Residing (address) Kalabhhanga, Barpeta Road

Who is desirous of being employed as (designation) Electrical Helper

(Process, department and factory) Factory

and that his age, as nearly as can be ascertained from any examination, is 44 years, and that he is, in my opinion, fit/unfit for employment in the above mentioned factory as mentioned above,

2. He may be produced for further examination after a period of
3. The serial number of the previous certificate is

Signature of left hand thumb
Impression of Person examined

Signature of Certifying Medical Officer
Surgeon Barpeta Road PHC
Dist. Barpeta (Assam)

Date: 30/10/2020
Dr. Sudarshan Das
Regd. NO. 41-589
(0352)

(1)	(2)	(3)	(4)
-----	-----	-----	-----

I certify that I extend this signs and symptoms signature of the examined the persons certificate until observed during certifying surgeon mentioned above on (if certificate is not examination extended, the period for which the worker is considered unfit for work is to be mentioned)

For,
Kajalshpati Cement Ltd.

By
Managing Director

FORM NO - 17
Prescribed Under Rule - 14
Health Register

1. Serial Number in the Register of Adult Worker: 7

2. Name of Worker: Ramnaray Roy

3. Sex: Male

4. Date of Birth: 01-06-1976

Department/ Worker	Nature of Job or Occupation	Raw Materials or by Product Handled	Date of Leaving or Transfer to Others Works	Reason for Leaving, Transfer to Others Works	Medical Examination and the Result therefore					Result Fit/Unfit	if Suspended from Work, State Period of Suspension with Details Reason	Recertified Fit to Resume Duty on (With Signature of Certifying Doctor)	Date of Assuring Fitness Certificate	Signature with Date of the Factory Medical Officer/ The Certifying Doctor
					Chest X-Ray	BP	PFT	Pulse						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Electrical Helper	Electrical machinery	N/A	N/A	N/A	122/80 Hg			72/min		S.f	N/A	N/A	30/08/20	 Medical Officer Baptista Cement Private Limited Date: 30/08/2020

For,
Kailashpati Cement Ltd.


Managing Director

Barpeta Road C.H.C. (F.R.U.)

ANX - VIII

Regd. No.

Date . 21/10/2020

Name : Mridul Gayary

Age : 30y

Sex : M

Rx BP - 120 / 80

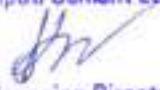


Adv

- ① X-ray chest PA view
- ② PFT.

Kar
21/10/2020

Medical Officer
Barpeta Road PHC
Dist. Barpeta (Assam)

For,
Kailashpati Cement Ltd.

Managing Director

FORM-28

PRESCRIBED UNDER SCHEDULE XXII TO RULE-94

Certificate of Fitness

Serial Number: 6

1. I certify that (Name) Minal Goyal have personally examined

son of (Father Name) Debm Goyal

Residing (address)

Who is desirous of being employed as (designation)

(Process, department and factory) loader / unloader
factory

and that his age, as nearly as can be ascertained from any examination, is 30 years, and that he is, in my option, fit/unfit for employment in the above mentioned factory as mentioned above,

2. He may be produced for further examination after a period of
3. The serial number of the previous certificate is X

Signature of left hand thumb
Impression of Person examined

Signature of Certifying Surgeon
Date

Dr. Sreedarshan Das
Regd. no. A-589
(Assam)

(1)	(2)	(3)	(4)
-----	-----	-----	-----

I certify that I extend this signs and symptoms signature of the examined the persons certificate until observed during certifying surgeon mentioned above on (if certificate is not examination extended, the period for which the worker is considered unfit for work is to be mentioned)

For,
Kailashpati Cement Ltd.
Hr
Managing Director

FORM NO - 17
Prescribed Under Rule - 14
Health Register

1. Serial Number in the Register of Adult Worker: 6

2. Name of Worker: Mridul Goyal

3. Sex: Male

4. Date of Birth: 30 - 08 - 1990

Department/ Worker	Nature of Job or Occupation	Raw Materials or by Product Handled	Date of Leaving or Transfer to Others Works	Reason for Leaving, Transfer to Others Works	Medical Examination and the Result therefore					Result Fit/Unfit	If Suspended from Work, State Period of Suspension with Details Reason	Recertified Fit to Resume Duty on (With Signature of Certifying Doctor)	Date of Assuring Fitness Certificate	Signature with Date of the Factory Medical Officer/ The Certifying Doctor
					Chest X-Ray	BP	PFT	Pulse						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
loader/unloader	Cement loading	cement	N/A	N/A	NAD	120 80 8 mg		70/min		Fit	N/A	N/A	30/10/20	<i>Yadav 30/10/2020</i>

For,
Kailashpati Cement Ltd.

Hari
Managing Director

Ba.peta Road C.H.C. (F.R.U.)

ANX - VIII

Regd. No.

Name : Pranawar Das

Date .. 21/10/2020

Age : 40y

Sex :

RX

BP - 122 of Hg
82



Dd/ Oxy chest pain

② PFT.


21/10/2020
Medical Officer
Borpeta Road PHC
Dist. Barpeta (Assam)

For,
Kailashpati Cement Ltd.


Managing Director

FORM-28

PRESCRIBED UNDER SCHEDULE XXII TO RULE-94

Certificate of Fitness

Serial Number: 2

1. I certify that (Name) Promeshwar Das have personally examined

son of (Father Name) Krishna Ram Das

Residing (address)

Who is desirous of being employed as (designation) Chemist cum Production manager
(Process, department and factory) Facility

and that his age, as nearly as can be ascertained from any examination,
is 40 years, and that he is, in my option, fit/unfit for employment in
the above mentioned factory as mentioned above,

2. He may be produced for further examination after a period of X
 3. The serial number of the previous certificate is Y

Signature of left hand thumb
Impression of Person examined

Signature of Certifying Surgeon
Surgeon Sudarshan Das
Date: 20/10/2020
Officer Sorapeta Road PHC
District Sorapeta (Assam)

(1)	(2)	(3)	(4)
-----	-----	-----	-----

Regd. A-589 (Assam)

I certify that I extend this signs and symptoms signature of the examined the persons certificate until observed during certifying surgeon mentioned above on (if certificate is not examination extended, the period for which the worker is considered unfit for work is to be mentioned)

For,
Kalashpati Cement Ltd.

HV
Managing Director

FORM NO - 17
Prescribed Under Rule - 14
Health Register

1. Serial Number in the Register of Adult Worker: 2

2. Name of Worker: Pnameswami DAS

3. Sex: Male

4. Date of Birth: 01-01-1980

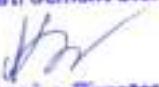
Department/ Worker	Nature of Job or Occupation	Raw Materials or by Product Handled	Date of Leaving or Transfer to Others Works	Reason for Leaving, Transfer to Others Works	Medical Examination and the Result therefore					Result Fit/Unfit	if Suspended from Work, State Period of Suspension with Details Reason	Recertified Fit to Resume Duty on (With Signature of Certifying Doctor)	Date of Assuring Fitness Certificate	Signature with Date of the Factory Medical Officer/ The Certifying Doctor
					Chest X-Ray	BP	PFT	Pubes						
(1) Chemist cement production Manager	(2) product cement	(3) N/A	(4) N/A	(5) N/A	(6) NAD	(7) 1282 84g	(8)	(9)	(10)	(11)	(12) N/A	(13) N/A	(14) 30/10/20	(15) <i>B.P.</i> 20/11/2020 Medical Officer Sector 3 Road PHO Durgavati (Assam)

Kailashpati Cement Ltd.

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		S. Anil Palakdar	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMI Employee No.		NEATHY 17030730000010031	
NIMH ID No. UAN		100791375677	
Sex	Male	Age (Yrs)	
Designation	Sales executive		
Department	Marketing		
Height (cms)	5'5"	Weight (kgs)	71 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/4		
Left Eye	6/1		
Colour Blindness	—		
Squint	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured		Predicted
FVC (liters)	4.4		3.5 To 4.3
FEV1	79%		80%
FEV1/FVC%	60%		70%
PEFR (liters/sec)	—		—

Kailashpati Cement Ltd.



Managing Director

V (litres/min)	163	—
Conclusion	—	—
Skiagram of Chest	—	—
<u>Circulatory System</u>		
Pulse	94	Blood Pressure (mmHg) 130 93
ECG	N/A	
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.014	Protein (gm/l) 7.2
pH	7.41	Bilirubin 0.150
Blood	16.43	Ketones 57
Leucocytes		Glucose 7.0
Nitrite		Urobilinogen U4
B) Random Blood Sugar (mg/dl)		90
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M & H.O. Barpeta Road CHC (FRU)
 P.O.-Barp. Road, Dist.-Barp.
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name	Rakesh Kumar Ray		
Nature of Employment	Permanent/Temporary		
Contractor's Name (For contractual employees)			
RSMMIL Employee No.	NE6HY 17030730000010006		
NIMH ID No.	6A11	101262627390	
Sex	Male	Age (Yrs)	
Designation	Millen		
Department	Ready		
Height (cms)	5.8 "	Weight (kgs)	59 kg

Vision

Visual Acuity (Distant Vision)

(With or without glasses)

Right Eye	6/6
Left Eye	6/4
Colour Blindness	—
Squit	—

Ears

(Audiometry)

Noise Induced Hearing Loss	
----------------------------	--

Respiratory System

A. Spirometry

Parameters	Measured	Predicted
FVC (liters)	4.1	3.5 To 4.5
FEV1	72 %	79 %
FEV1/FVC%	68 %	70 %
PEFR (liters/sec)	—	—

Encl.
Kalashpati Cement Ltd.

Managing Director

(beats/min)	171	—
Conclusion	—	—
Skiagram of Chest	—	—
<u>Circulatory System</u>		
Pulse	94	Blood Pressure (mmHg) 119 / 80
ECG	N/A	
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.020	Protein (gm/l) 7.4
pH	7.40	Bilirubin 1.10
Blood	16.11	Ketones .94
Leucocytes	—	Glucose 7.2
Nitrite	—	Urobilinogen 16
B) Random Blood Sugar (mg/dl)		94
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M&H.O. Barpetta Road CHC (FRU)
 Road Diet Officer
 Signature of Examining Authority

For,
 Rashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Uma Kamla Regani	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMI Employee No.		MEGTHY1703073000010013	
NIMH ID No. UAN		181262628866	
Sex	Male	Age (Yrs)	50 yrs
Designation	A.S.M		
Department	Marketing		
Height (cms)	5.7"	Weight (kgs)	78.kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/6		
Left Eye	6/5		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.0	3.3 to 4.4	
FEV1	3.2	81%	
FEV1/FVC%	61%	69%	
PEFR (liters/sec)	—	—	

Kailashpati Cement Ltd.



Managing Director

V/V (litres/min)	176	—
Conclusion	—	—
Skiagram of Chest	—	—

Circulatory System

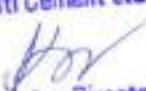
Pulse		Blood Pressure (mmHg)
ECG		N/A

Biochemical Parameters

A) Urine:

Specific Gravity	1.021	Protein (gm/l)	8.10
pH	7.40	Bilirubin	1.21
Blood	—	Ketones	.44
Leucocytes	—	Glucose	6.9
Nitrite	—	Urobilinogen	15
B) Random Blood Sugar (mg/dl)		79	
Remarks	REPEAT SPIROMETRY ANNUALLY		


 M&H.O. Barpeta Road CHC (FRU)
 P.O.-Barpeta Road FRU
 Signature of Examining Authority

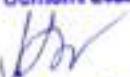
For,
 Kalsapati Cement Ltd.


Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Ganesh Das	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMML Employee No.		NP64H17030730000010007	
NIMH ID No.		101612506807	
Sex	Male	Age (Yrs)	46 yrs
Designation	Accounts assistant		
Department	Accounts		
Height (cms)	5'7"	Weight (kgs)	51 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/5		
Left Eye	6/4		
Colour Blindness	—		
Squint	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.1	3.4 78 4.0	
FEV1	3.1	80%	
FEV1/FVC%	68%	71%	
PEFR (liters/sec)	—	—	

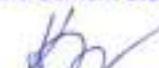
Kailashpati Cement Ltd.


Managing Director

V (liters/min)	163	—
Conclusion	—	—
Skiagram of Chest	—	—
<u>Circulatory System</u>		
Pulse	85	Blood Pressure (mmHg) 124 / 83
ECG	N/A	
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.014	Protein (gm/l) 7.11
PH	7.35	Bilirubin 1.2
Blood	15.3	Ketones 7.1
Leucocytes	—	Glucose 6.1
Nitrite	—	Urobilinogen 15
B) Random Blood Sugar (mg/dl)	94	
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M&H.O. Barpetta Road CHC (FRU)
 P.O.-Barpetta Road, Dist.-Barpetta
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.


 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name	Dapash Jha		
Nature of Employment	Permanent/Temporary		
Contractor's Name (For contractual employees)			
RSMMI Employee No.	NBGHY 17030730000010025		
NIMH ID No.	UAN	181408976822	
Sex	Male	Age (Yrs)	26 yrs
Designation	Mechanics		
Department	Faciory		
Height (cms)	5.4'	Weight (kgs)	64 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/3		
Left Eye	6/4		
Colour Blindness	—		
Squint	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured		Predicted
FVC (liters)	4.2		3.5 To 4.5
FEV1	70 %		80%
FEV1/FVC%	59 %		70%
PEFR (liters/sec)	—		For _____ Kailashpati Cement Ltd. J.M. Managing Director

MVV (liters/min)	169	—
Conclusion	—	—
Skiagram of Chest	—	—
<u>Circulatory System</u>		
Pulse	81	Blood Pressure (mmHg) 119/80
ECG	N/A	
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.008	Protein (gm/l) 6.10
pH	7.49	Bilirubin 1.12
Blood	16.08	Ketones .90
Leucocytes	—	Glucose 6.4
Nitrite	—	Urobilinogen 15
B) Random Blood Sugar (mg/dl)	98	
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M&H.O. Barpetta Road CHC (FRU)
 P.O.-Barpetta Road, Dist.-Ranipet
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.


 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name	Sanjib Ghosh		
Nature of Employment	Permanent/Temporary		
Contractor's Name (For contractual employees)			
RSMML Employee No.	NEGHY 17030730000010023		
NIMH ID No.	U631	101408964898	
Sex	Male	Age (Yrs)	35 yrs
Designation	Semi-an <u>accountant</u>		
Department	Accounts		
Height (cms)	5'7"	Weight (kgs)	67 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/4		
Left Eye	6/3		
Colour Blindness	—		
Squit	—		
Ears (Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.3	3.4 % 4.6	
FEVI	80%	81 %	
FEVI/FVC%	61%	69 %	
PEFR (liters/sec)			

Mr.
Kailashpati Cement Ltd.

Managing Director

AVV (liters/min)	17.1	—		
Conclusion	—	—		
Skiagram of Chest	—	—		
<u>Circulatory System</u>				
Pulse	83	Blood Pressure (mmHg) 133 / 81		
ECG	N/A			
<u>Biochemical Parameters</u>				
A) Urine:				
Specific Gravity	1.021	Protein (gm/l) 8.0		
pH	7.40	Bilirubin 1.4		
Blood	16.40	Ketones .83		
Leucocytes		Glucose 6.1		
Nitrite		Urobilinogen 15		
B) Random Blood Sugar (mg/dl)		87		
Remarks	REPEAT SPIROMETRY ANNUALLY			


 M&H.O. Barpeta Road CHC (FRU)
 P.O.-Barpeta Road, Dist.-Barpeta
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		<u>Sigit Chenkelang</u>	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMI Employee No.		NP6THY 17830730000016009	
NIMH ID No.		UAN 10126228291	
Sex	Male	Age (Yrs)	41 years
Designation	<u>Electrical</u>		
Department	<u>Electrical</u>		
Height (cms)	<u>5.8"</u>	Weight (kgs)	<u>70 kgs</u>
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	<u>6/4</u>		
Left Eye	<u>6/4</u>		
Colour Blindness	<u>-</u>		
Squit	<u>-</u>		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	<u>4.1</u>	3.8 To 4.5	
FEV1	<u>3.3</u>	2.6	
FEV1/FVC%	<u>61%</u>	71%	
PEFR (liters/sec)	<u>-</u>	For	

Kailashpati Cement Ltd.


Managing Director

V/V (liters/min)	175			
Conclusion	—			
Skiagram of Chest	—			
<u>Circulatory System</u>				
Pulse	91	Blood Pressure (mmHg) 120/83		
ECG	N/A			
<u>Biochemical Parameters</u>				
A) Urine:				
Specific Gravity	1.021	Protein (gm/l) 7.2		
pH	7.41	Bilirubin 1.0		
Blood	15.0	Ketones 0.89		
Leucocytes	—	Glucose 6.4		
Nitrite	—	Urobilinogen 15		
B) Random Blood Sugar (mg/dl)				
Remarks	REPEAT SPIROMETRY ANNUALLY			


 M&H.O. Barpetta Road CHC (FRU)
 P.O. Barr Road, Dist.-Barpetta
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

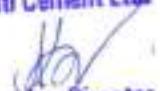
Name		Hareen Jatima	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMI Employee No.		JNE6HY 17030730000010017	
NIMH ID No.		8AN 1012628907	
Sex	Male	Age (Yrs)	62
Designation	Workman		
Department	Factory		
Height (cms)	5'6"	Weight (kgs)	62 kgs
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/6		
Left Eye	6/1		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.2	3.5	7.3 4.3
FEV1	70%	81%	
FEV1/FVC%	53%	71%	
PEFR (liters/sec)	—	—	—

For,
Kailashpati Cement Ltd.


Managing Director

MVV (liters/min)	159	—		
Conclusion	—	—		
Skogram of Chest	—	—		
<u>Circulatory System</u>				
Pulse	83	Blood Pressure (mmHg) 129 / 84		
ECG	N/A			
<u>Biochemical Parameters</u>				
A) Urine:				
Specific Gravity	1.016	Protein (gm/l) 7.4		
pH	7.41	Bilirubin 1.0		
Blood	14.00	Ketones .91		
Leucocytes	✓	Glucose 7.5		
Nitrite	✓	Urobilinogen 14		
B) Random Blood Sugar (mg/dl)		84		
Remarks	REPEAT SPIROMETRY ANNUALLY			


 M & H.O. Barnesa Road CHC (FRU)
 P.O.-Barnes Road, Dist.-Barpeta
 Signature of Examining Authority

For,
 Lallashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Bijit Rhenketany	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMI Employee No.		NEDHII 1703073000016009	
NIMH ID No.		UAN 1012622821	
Sex	Male	Age (Yrs)	41 years
Designation	Electrician		
Department	Electrical		
Height (cms)	5.8"	Weight (kgs)	70 kg.
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/4		
Left Eye	6/4		
Colour Blindness	-		
Squit	-		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.1	3.8 To 4.5	
FEV1	4.1	80%	
FEV1/FVC%	61%	71%	
PEFR (liters/sec)	-	-	

Kailashpati Cement Ltd.

[Signature]
Managing Director

V (litres/min)	175	
Conclusion	—	
Skiagram of Chest	—	
<u>Circulatory System</u>		
Pulse	91	Blood Pressure (mmHg) 120/83
ECG	N/A	
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.021	Protein (gm/l) 7.2
pH	7.41	Bilirubin 1.0
Blood	15.0	Ketones 0.89
Leucocytes	—	Glucose 6.4
Nitrite	—	Urobilinogen 15
B) Random Blood Sugar (mg/dl)		
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M&H.O. Barnes Road CHC (FRU)
 P.O. Bar Road, Dist. - Barpeta
 Signature of Examining Authority

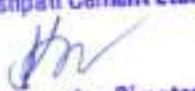
For,
 Kailashpati Cement Ltd.


 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Hariharan	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMI Employee No.		NEA/HY 17030730000010017	
NIMH ID No.	VAN	1012628307	
Sex	Male	Age (Yrs)	62
Designation	Watchman		
Department	Packaging		
Height (cms)	5.6"	Weight (kgs)	62 kgs
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/6		
Left Eye	6/1		
Colour Blindness	—		
Squint	—		
Ears (Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.2	3.5 75% 4.3	
FEV1	70%	81%	
FEV1/FVC%	59%	71%	
PEFR (liters/sec)	—	For _____	

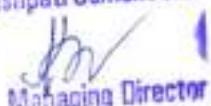
Kailashpati Cement Ltd.



Managing Director

MVV (liters/min)	159	—		
Conclusion	—	—		
Skiagram of Chest	—	—		
<u>Circulatory System</u>				
Pulse	83	Blood Pressure (mmHg) 129 / 84		
ECG	N/A			
<u>Biochemical Parameters</u>				
A) Urine:				
Specific Gravity	1.016	Protein (gm/l) 7.4		
pH	7.41	Bilirubin 1.0		
Blood	14.00	Ketones .91		
Leucocytes	✓	Glucose 7.5		
Nitrite	✓	Urobilinogen 14		
B) Random Blood Sugar (mg/dl)		84		
Remarks	REPEAT SPIROMETRY ANNUALLY			

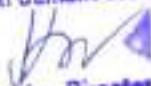

 M&H.O. Barnes Road CHC (FRU)
 P.O.-Barnes Road, Dist.-Barmer
 Signature of Examining Authority

For,
 Kalashpatti Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

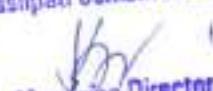
Name		Omavijay Kalita	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMIL Employee No.		N D G H Y 17030730000010015	
NIMH ID No.		UAN	101670144030
Sex	Male	Age (Yrs)	39 years
Designation	Supervisor		
Department	Factory		
Height (cms)	5.47	Weight (kgs)	60 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/4		
Left Eye	6/4		
Colour Blindness	-		
Squit	-		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.3	3.4 @ 4.4	
FEV1	69%	80%	
FEV1/FVC%	60%	81%	
PEFR (liters/sec)	-	-	

Kailashpati Cement Ltd.


Managing Director

HR (beats/min)	179	
Conclusion		
Skogram of Chest		
<u>Circulatory System</u>		
Pulse	84	Blood Pressure (mmHg) 124 / 83
ECG		N/A
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.012	Protein (gm/l) 7.9
pH	7.41	Bilirubin 1.1
Blood	1.3.00	Ketones .91
Leucocytes	✓	Glucose 7.0
Nitrite	✓	Urobilinogen 16.01
B) Random Blood Sugar (mg/dl)		84
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M&H.O. Barpeta Road CHC (FRU)
 P.O.-Barpeta Road, Dist.-Barpeta
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Mridul Goyal	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMIL Employee No.		NAGITY 1703073000010019	
NIMH ID No.		101262628924	
Sex	Male	Age (Yrs)	30 years
Designation	Laddan unladden		
Department	Factory		
Height (cms)	5'8"	Weight (kgs)	63 Kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/5		
Left Eye	6/4		
Colour Blindness	-		
Squint	-		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.0	3.3 70 4.3	
PEV1	80%	81%	
PEV1/FVC%	6.5%	7.3%	
PEFR (liters/sec)	-	Fot. Kailashpati Cement Ltd Managing Director	

Kailashpati Cement Ltd

Managing Director

MV=(liters/min)	177	✓
Conclusion	✓	
Skogram of Chest	✓	

Circulatory System

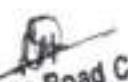
Pulse	82	Blood Pressure (mmHg)	
ECG		N/A	

Biochemical Parameters

A) Urine:

Specific Gravity	1.014	Protein (gm/l)	8.1
pH	7.40	Bilirubin	1.1
Blood	14.01	Ketones	.80
Leucocytes	—	Glucose	7.2
Nitrite	—	Urobilinogen	14
B) Random Blood Sugar (mg/dl)			92

Remarks REPEAT SPIROMETRY ANNUALLY



 M&H.O. Barpeta Road CHC (FRU)
 Barr. Road, Dist.-Barpeta
 Signature of Examining Authority

Enr.
 Kailashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Prameshwan Das	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMML Employee No.		NEGHY 17030730000010008	
NIMH ID No.		101264628813	
Sex	Male	Age (Yrs)	
Designation	Chemist cum Production Manager		
Department	Laboratory		
Height (cms)	5.8 "	Weight (kgs)	63 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/4		
Left Eye	6/4		
Colour Blindness	—		
Squit	✓		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.1	3.4 110 4.6	
PEV1	62%	80%	
PEV1/FVC%	63%	78%	
PEFR (liters/sec)	✓	F.D.	

Kailashpati Cement Ltd.

Managing Director

MVV (liters/min)	175	-
Conclusion	-	
Skogram of Chest	-	
<u>Circulatory System</u>		
Pulse		Blood Pressure (mmHg)
ECG	n/a	
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.019	Protein (gm/l)
pH	7.31	Bilirubin
Blood	14.40	Ketones
Leucocytes	-	Glucose
Nitrite	-	Urobilinogen
B) Random Blood Sugar (mg)		96
Remarks	REPEAT SPIROMETRY ANNUALLY	


M&H.O. Barpeta Road CHC (FRU)
Barpeta Road, Dist.-Barpeta
Signature of Examining Authority

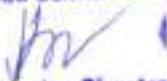
For,
Kailashpati Cement Ltd.


Managing Director

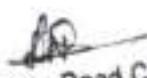
REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name	Shreya Nath		
Nature of Employment	Permanent/Temporary		
Contractor's Name (For contractual employees)			
RSMML Employee No.	NCPATHY 170307300000 10033		
NIMH ID No.	UAN	101582096928	
Sex	Male	Age (Yrs)	
Designation	Supervisor		
Department	Packaging		
Height (cms)	5'8"	Weight (kgs)	70 Kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/5		
Left Eye	6/6		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.5	3.6 90 4.6	
FEV1	79%	80%	
FEV1/FVC%	64%	70%	
PEFR (liters/sec)	—	—	

Kailashpati Cement Ltd.


Managing Director

MV/V (liters/min)	120		
Conclusion			
Skogram of Chest			
<u>Circulatory System</u>			
Pulse	85	Blood Pressure (mmHg)	
ECG		314	
<u>Biochemical Parameters</u>			
A) Urine:			
Specific Gravity	1.023	Protein (gm/l)	8.1
pH	7.46	Bilirubin	1.3
Blood	13.00	Ketones	.84
Leucocytes	—	Glucose	3.9
Nitrite	—	Urobilinogen	14
B) Random Blood Sugar (mg%)			82
Remarks	REPEAT SPIROMETRY ANNUALLY		


 M&H.O. Barpeta Road CHC (FRU)
 P.O.-Barp' Road, Dist.-Barpeta
 Signature of Examining Authority

For,
 Kajalashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name	Prafulla Pathak		
Nature of Employment	Permanent/Temporary		
Contractor's Name (For contractual employees)			
RSMMIL Employee No.	N061417030790000010027		
NIMH ID No.	U84	101402386019	
Sex	Male	Age (Yrs)	53
Designation	Watch man		
Department	Packery		
Height (cms)	5.6"	Weight (kgs)	55 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/1		
Left Eye	6/2		
Colour Blindness	—		
Squint	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
Respiratory System			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.2	3.6 to 4.6	
FEV ₁	76%	80%	
FEV ₁ /FVC%	63%	70%	
PEFR (liters/sec)	—	—	

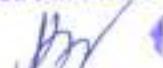
Kailashpati Cement Ltd.

JW

Managing Director

MVV (litres/min)	176		
Conclusion	—		
Skogram of Chest	—		
<u>Circulatory System</u>			
Pulse	90	Blood Pressure (mmHg)	
ECG	N/A		
<u>Biochemical Parameters</u>			
A) Urine:			
Specific Gravity	1.023	Protein (gm/l)	7.6
pH	7.40	Bilirubin	1.10
Blood	14.00	Ketones	.59
Leucocytes	—	Glucose	6.2
Nitrite	—	Urobilinogen	1.9
B) Random Blood Sugar (mg%)	80		
Remarks	REPEAT SPIROMETRY ANNUALLY		


 M & H.O. Barpeta Road CHC (FRU)
 P.O.-Barpeta Road, Dist.-Barpeta
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.


Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Girinanda Patnaik	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMIL Employee No.		NEDHY 17030730000010030	
NIMH ID No.	UAN	101403746468	
Sex	Male	Age (Yrs)	47
Designation	Chief Electrician		
Department	Electrical		
Height (cms)	5'5"	Weight (kgs)	72 kgs
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/6		
Left Eye	6/6		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.0	3.5 to 4.3	
FEV1	75%	80%	
PEV1/FVC%	66%	70%	
PEFR (liters/sec)	—		

Kailashpati Cement Ltd.
For,

Managing Director

MVV (liters/min)	174	—		
Confusion	—	—		
Skiagram of Chest	—	—		
<u>Circulatory System</u>				
Pulse	80	Blood Pressure (mmHg) 120/80		
ECG	N/A			
<u>Biochemical Parameters</u>				
A) Urine:				
Specific Gravity	1.014	Protein (gm/l) 5.8		
pH	7.48	Bilirubin 1.1		
Blood	13.4	Ketones 1.84		
Leucocytes	—	Glucose 6.3		
Nitrite	—	Urobilinogen 14		
B) Random Blood Sugar (mg/dl)		79		
Remarks	REPEAT SPIROMETRY ANNUALLY			


 M&H.O. Barpeta Road CHC (FRU)
 P.O.-Barpeta Road, Dist.-Barpeta
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.


 Managing Director

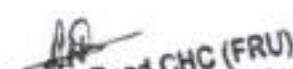
REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Gaurav Paul	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMI Employee No.		NEGHV 17030730000010024	
NIMH ID No.		101408971260	
Sex	Male	Age (Yrs)	29 years
Designation	Junior accountant		
Department	Accounts Department		
Height (cms)		Weight (kgs)	
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/9		
Left Eye	6/6		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.1	3.4 90% 4.6	
FEV1	3.2	80%	
FEV1/FVC%	60%	71%	
PEFR (liters/sec)	—	—	

For,
Kailashpati Cement Ltd.

Managing Director
Vijay

MVV (litres/min)	174	
Conclusion	—	
Skiagram of Chest	—	
<u>Circulatory System</u>		
Pulse	89	Blood Pressure (mmHg) 129 / 82
ECG	N/A	
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.018	Protein (gm/l) 7.1
PH	7.44	Bilirubin 1.3
Blood	16	Ketones .90
Leucocytes	—	Glucose 6.3
Nitrite	—	Urobilinogen 18.0
B) Random Blood Sugar (mg/dl)	92	
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M&H.O. Barpetta Road CHC (FRU)
 R.O. Barpetta Road, Dist.-Barpetta
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.

 Managing Director

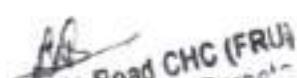
REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Kaushik Samanta	
Nature of Employment		Permanent/Temporary	
Contractor's Name			
(For contractual employees)			
RSMMIL Employee No.		NPAHY 1703073000010028	
NIMH ID No.		181408992883	
Sex	Male	Age (Yrs)	37
Designation	Lab Boy		
Department	Laboratory		
Height (cms)	5'7"	Weight (kgs)	68 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/5		
Left Eye	6/4		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
Respiratory System			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.2	3.4 No 4.4	
FEV1	78%	80%	
FEV1/FVC%	82%	68%	
PEFR (liters/sec)	—		

For,
 Kailashpati Cement Ltd.

 Managing Director

MVV (litres/min)	181	
Confusion	—	
Skogram of Chest	—	
<u>Circulatory System</u>		
Pulse	91	Blood Pressure (mmHg) 124 / 85
ECG		NIA
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.011	Protein (gm/l) 7.2
pH	7.41	Bilirubin 1.3
Blood	13.0	Ketones 1.93
Leucocytes		Glucose 6.2
Nitrite		Urobilinogen 14
B) Random Blood Sugar (mg/dl)		89
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M&H.O. Barpeta Road CHC (FRU)
Barpeta Road, Dist.-Barpeta
 Signature of Examining Authority

For,
 Nalashpati Cement Ltd.

 Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Chamaram Thakuria	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMIL Employee No.		NCGHY 1303073000010029	
NIMH ID No.		U&L 101408999689	
Sex	Male	Age (Yrs)	29 kg
Designation	Loader Unloader		
Department	Factory		
Height (cms)	5.7'	Weight (kgs)	74 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/4		
Left Eye	6/4		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured	Predicted	
FVC (liters)	4.3	3.4 To 4.4	
PEV1	76.4%	80%	
PEV1/FVC%	81%	81%	
PEFR (liters/sec)	—	—	

For
Kailashpati Cement Ltd
JMK

Managing Director

MVV (liters/min)	141	
Inclusion	—	
Skogram of Chest	—	
<u>Circulatory System</u>		
Pulse	85	Blood Pressure (mmHg) 121 / 82
ECG		NTA
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.015	Protein (gm/l) 7.0
PH	7.44	Bilirubin 0.11
Blood	14.4	Ketones 59
Leucocytes	✓	Glucose 6.0
Nitrite	✓	Urobilinogen 4
B) Random Blood Sugar (mg%)		94
Remarks	REPEAT SPIROMETRY ANNUALLY	

M&H.O. Barneta Road CHC (FRU)

 Barneta Road, Dist.-Baroda

Signature of Examining Authority

Ent.

 Kailashpati Cement Ltd.

 Managing Director

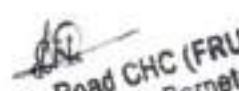
REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Jawandewar Goyal	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMIL Employee No.		NEG&HY 17030730000010032	
NIMH ID No.		UAN 101503355650	
Sex	Male	Age (Yrs)	60 kg
Designation	Senior mechanical		
Department	Mechanics		
Height (cms)	5'9"	Weight (kgs)	60 kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/9		
Left Eye	6/5		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured		Predicted
FVC (liters)	4.0		3.4 M 4.4
PEV1	80%		81%
FEV1/FVC%	71%		71%
PEFR (liters/sec)	—		For,

Kailashpati Cement Ltd.

Managing Director

MVV (liters/min)	166	
Conclusion		
Skogram of Chest		
<u>Circulatory System</u>		
Pulse	94	Blood Pressure (mmHg) 122/83
ECG		NIA
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.012	Protein (gm/l) 7.3
pH	7.41	Bilirubin 0.1
Blood	13.6	Ketones .70
Leucocytes		Glucose 58
Nitrite		Urobilinogen 4
B) Random Blood Sugar (mg/dl)		88
Remarks	REPEAT SPIROMETRY ANNUALLY	


 M&H.O. Barneta Road CHC (FRU)
 Road, Dist.-Barpeta
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.


Managing Director

REPORT
OF
OCCUPATIONAL HEALTH STATUS OF WORKERS
EMPLOYEES OF KAILASHPATI CEMENT LTD

Name		Ramen Ray	
Nature of Employment		Permanent/Temporary	
Contractor's Name (For contractual employees)			
RSMMIL Employee No.		NEATHY17030730000010026	
NIMH ID No. UDAN		101408981609	
Sex	Male	Age (Yrs)	45
Designation	Electrical Helper		
Department	Electrical Team		
Height (cms)	5'8"	Weight (kgs)	60 Kg
Vision			
Visual Acuity (Distant Vision) (With or without glasses)			
Right Eye	6/2		
Left Eye	6/5		
Colour Blindness	—		
Squit	—		
Ears			
(Audiometry)			
Noise Induced Hearing Loss			
<u>Respiratory System</u>			
A. Spirometry			
Parameters	Measured		Predicted
FVC (liters)	4.1		3.3 To 4.4
FEV1	80%		82%
FEV1/FVC%	69%		70%
PEFR (liters/sec)			Far

Kailashpati Cement Ltd.

Managing Director

MVV (litres/min)	161	—
Conclusion	—	—
Skiagram of Chest	—	—
<u>Circulatory System</u>		
Pulse	91	Blood Pressure (mmHg) 121 / 82
ECG	N/A	
<u>Biochemical Parameters</u>		
A) Urine:		
Specific Gravity	1.013	Protein (gm/l) 7.4
pH	7.40	Bilirubin 0.3
Blood	16:10	Ketones 7.2
Leucocytes		Glucose 5.7
Nitrite		Urobilinogen 1.3
B) Random Blood Sugar (mg/dl)		88
Remarks	REPEAT SPIROMETRY ANNUALLY	

M&H.O. Barpeta Road CHC (FRU)
 Signature of Examining Authority

For,
 Kailashpati Cement Ltd.

Managing Director



Pollution Control Board:: Assam
Bamunimaidam; Guwahati-21
(Department of Environment & Forests :: Government of Assam)
Phone: 0361-2652774 & 2550258; Fax: 0361-2550259
Website: www.pcbassam.org



No. WB/BONG/T-48/09-10/78

To

-587

Dated Guwahati, the 16/10/2020

M/s. Kailash Pati Cement Limited
Bennibari Industrial Estate
Howly, Bennibari, Pin-781315
Dist.: Baksa (Assam).

Sub: "Consent to Operate" upto 31st March, 2021 under Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your online Application vide UAIN: PCB/F50/BP/010174/02/2020.

Dear Sir,

With reference to your application in the name and style as mentioned above, the Board is pleased to grant the "Consent to Operate" under the Water Act and Air Act, upto 31st March, 2021 under the terms and conditions as per Appendix - A & B enclosed.

You are also requested to apply for "Consent to Operate" for the year 2021-2022 within November, 2020.

Yours faithfully,

Member Secretary (i/c)

Dated Guwahati the 16/10/2020

Memo No. WB/BONG/T-48/09-10/78-A.

Copy to:

1. The Deputy Secretary, Environment & Forests Department, Govt. of Assam, Dispur, Guwahati-6 for favour of information.
2. The Deputy Commissioner, Baksa for favour of information.
3. The General Manager, DI&CC, Baksa for information.
4. The Addl. Chief Env. Engineer, Regional Office, Guwahati-2, Pollution Control Board, Assam for information & necessary action.

Member Secretary (i/c)

*For,
Kailashpati Cement Ltd.
JN
Managing Director*



Appendix

**MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE
NOTIFICATION**

New Delhi, the 25th August, 2014

G.S.R. 612(E).— In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely :—

1. (1) These rules may be called the Environment (Protection) (Fifth Amendment) Rules, 2014.
 (2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986,—
 (a) in Schedule I, for serial number 10 and entries relating thereto, the following serial number and entries shall be substituted, namely :—

S.No.	Industry	Parameter	Standards		
			(4)	A - Emission Standards	
"10	Cement Plant (without coprocessing) , Standalone Clinker Grinding Plant or, Blending Plant	(3)	(i) Rotary Kiln - without coprocessing		
			Date of Commissioning	Location	Concentration not to exceed, in mg/ Nm ³
			(a)	(b)	(c)
		Particulate Matter	on or after the date of notification	anywhere in the country	30 (with effect from 01.01.2016)

For,

Kailashpali Cement Ltd.

[Signature]
Managing Director

3351 2014-2

(I)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Nitrogen Dioxide (NO ₂)	before the date of modification J.U. lake or wildlife if its periphery or within its limits or within its population above 1.0 million people radius before the date of modification other than critically polluted area or urban centres 200 (with effect from 01.01.2016)	anywhere in the country 50 (with effect from 01.01.2016)	anywhere in the country 100 (with effect from 01.06.2015)	anywhere in the country 100 (with effect from 01.01.2015)	anywhere in the country 600 (with effect from 01.06.2015)	anywhere in the country 800 (with effect from 01.01.2016)	anywhere in the country 600 (with effect from 01.06.2015)	anywhere in the country 100 (with effect from 01.06.2016)	anywhere in the country 800 (with effect from 01.01.2016)
Sulphur Dioxide (SO ₂)	before the date of modification other than critically polluted area or urban centres 150 (with effect from 01.01.2015)	anywhere in the country 150 (with effect from 01.06.2016)	anywhere in the country 200 (with effect from 01.01.2016)	anywhere in the country 200 (with effect from 01.01.2016)	anywhere in the country 500 (with effect from 01.01.2016)				
Particulate Matter (PM)	before the date of modification other than critically polluted area or urban centres 75 (with effect from 01.06.2016)	anywhere in the country 100 (with effect from 01.06.2015)							
(II) Vertical Shaft Kiln - (Without co-processing)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)

Nitrogen Dioxide (NO ₂)	before the date of modification other than critically polluted area or urban centres 100 (with effect from 01.01.2015)	anywhere in the country 100 (with effect from 01.06.2016)	anywhere in the country 30 (with effect from 01.01.2015)	anywhere in the country 30 (with effect from 01.06.2016)	anywhere in the country 30 (with effect from 01.06.2016)	anywhere in the country 30 (with effect from 01.01.2015)	anywhere in the country 50 (with effect from 01.01.2015)	anywhere in the country 100 (with effect from 01.01.2015)	anywhere in the country 100 (with effect from 01.01.2015)
Sulphur Dioxide (SO ₂)	before the date of modification other than critically polluted area or urban centres 100 (with effect from 01.01.2015)	anywhere in the country 100 (with effect from 01.06.2016)	anywhere in the country 30 (with effect from 01.01.2015)	anywhere in the country 30 (with effect from 01.06.2016)	anywhere in the country 30 (with effect from 01.06.2016)	anywhere in the country 30 (with effect from 01.01.2015)	anywhere in the country 50 (with effect from 01.01.2015)	anywhere in the country 100 (with effect from 01.01.2015)	anywhere in the country 100 (with effect from 01.01.2015)
Particulate Matter (PM)	before the date of modification other than critically polluted area or urban centres 75 (with effect from 01.06.2016)	anywhere in the country 100 (with effect from 01.06.2015)							
Nitrogen Dioxide (NO ₂)	before the date of modification other than critically polluted area or urban centres 50 (with effect from 01.01.2015)	anywhere in the country 50 (with effect from 01.06.2016)	anywhere in the country 150 (with effect from 01.01.2015)	anywhere in the country 150 (with effect from 01.06.2016)	anywhere in the country 200 (with effect from 01.01.2016)	anywhere in the country 200 (with effect from 01.01.2016)	anywhere in the country 500 (with effect from 01.01.2016)		
(II) Vertical Shaft Kiln - (Without co-processing)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)

कालशपति सिंगल्स : अनुदित

[(१) भृत्य II - राजा ३ (१)]

For,

Kailashpati Cement Ltd.

Managing Director

**Note :—**

- a. The height of each stack including Clinker Grinding Plant, Coal Mill, Raw Mill, Grinding, Packaging Section, etc. shall be of a minimum of 30 metres or, as per the formula $H=14(Q)^{0.7}$, whichever is more, where "H" is the height of stack in metres and "Q" is the maximum quantity of SO_2 expected to be emitted in kg/hr through the stack at 100 per cent rated capacity of the plant and calculated as per the norms of gaseous emission.
- b. Above norms shall be applicable even if pet-coke is mixed with coal or, used alone for clinker making in kiln provided, pet-coke has been notified as 'approved fuel' by the concerned State Pollution Control Board/ Pollution Control Committee under the Air (Prevention and Control of Pollution) Act, 1981.
- c. All monitored values for SO_2 and NO_x shall be corrected to 10% Oxygen, on dry basis. The norms for SO_2 and NO_x shall be applicable to stacks attached to kiln.
- d. Scrubber meant for scrubbing emissions shall not be used as quencher. Plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be atleast equal to the main stack.

(1)	(2)	(3)	(4)		
B.- Service wastewater- (without coprocessing)					
All efforts shall be made by the industry for 'zero discharge' of service wastewater. In case, the industry prefers to discharge service wastewater, the following norms shall be complied with:					
		Concentration not to exceed, milligramme per litre (except pH and temperature)			
	pH	5.5 to 9.0			
	Suspended Solids	100			
	Oil and Grease	10			
	Temperature	not more than 5°C higher than the intake water temperature			
C.- Stormwater					
(I) Stormwater shall not be allowed to mix with effluent, treated sewage, scrubber water and/ or floor washings. (II) Stormwater within battery limits of industry shall be channelized through separate drain(s) as per natural gradient passing through high density polyethylene lined pit(s) each having holding capacity of 10 minutes (hourly average) of rainfall for its catchment area."					

For,

K. Rauchpatti Cement Ltd.

 Managing Director

(b) in Schedule VI, under 'PART- D' relating to General Emission Standards, in item III relating to Load/Mass based standards, after serial number 9, and the entries relating thereto, the following serial number and entries shall be inserted, namely :—

(1)	(2)	(3)	(4)
"10	Cement Plants (without coprocessing)	Rotary kiln based plants (Particulate Matter from raw mill, kiln and pre-calciner system put together).	0.125 Kg/tonne of clinker (with effect from 01.01.2017)
		Vertical shaft kiln based plants (Particulate Matter from raw mill and kiln put together)	0.50 Kg/tonne of clinker (with effect from 01.01.2017)."

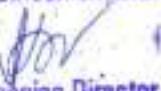
[F. No. Q-15017/30/2007-CPW]

DR. RASHID HASAN, Advisor

Note: —The principal rules were published in the Gazette of India vide number S.O. 844 (E), 19th November, 1986 and subsequently amended vide notifications numbers S.O. 433 (E), dated 18th April 1987; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March, 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277 (E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; and G.S.R. 325(E), dated the 7th May, 2014.

For,

Kailashpati Cement Ltd.


Managing Director



**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
NOTIFICATION**

New Delhi, the 9th May, 2016

G.S.R. 496(E).—In exercise of powers conferred by Sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, Namely :-

1. (1) These rules may be called the Environment (Protection) Fourth Amendment Rules, 2016.
(2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986 in Schedule I, for serial number 10 and the entries relating to SO_2 and NO_x , the following shall be substituted, namely:-

S. No (1)	Industry (2)	Parameter (3)	Standards (4)	
			A – Emission Standards	
(i) Rotary Kiln –without co processing				
		Date of Commissioning (a)	Location (b)	Concentration not to exceed, in mg/Nm ³ (c)
	Cement Plant (without co processing), Standalone Clinker Grinding Plant or, Blending Plant	Irrespective of date of commissioning	Anywhere in the country	100, 700 and 1000 when pyritic sulphur in the limestone is less than 0.25%, 0.25 to 0.5% and more than 0.5% respectively.
	Sulphur Dioxide (SO_2) in mg/Nm ³	After the date of notification (25.8.2014)	Anywhere in the country	(1) 600
	Oxides of Nitrogen (NO_x) in mg/Nm ³	Before the date of notification (25.8.2014)	Anywhere in the country	(2) 800 for rotary kiln with In Line Calciner (ILC) technology. (3) 1000 for rotary kiln using mixed stream of ILC, Separate Line Calciner (SLC) and suspension pre-heater technology or SLC technology alone or without calciner.

- (i) The timeline for implementation of emission standards for all the parameters i.e. Sulphur Dioxide (SO_2), Oxides of Nitrogen (NO_x) and Particulate Matter (PM), with respect to Rotary Kiln without co-processing shall be up to the 31st March, 2017.
- (ii) The emission standards for Sulphur Dioxide (SO_2) shall be reviewed after a period of five years from the date of notification of these rules.
- (iii) The word ' NO_2 ' shall be substituted by ' NO_x ' wherever it occurs in the notification vide G.S.R. 612(E) dated 25th August, 2014."

[F. No. Q-15017/32/2007-CPW]

Dr. RASHID HASAN, Advisor

For,

Kailashpati Cement Ltd.

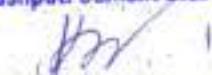
Managing Director

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), vide number S.O. 844 (E), dated the 19th November, 1986 and subsequently amended vide the following notifications, namely:—

S.O. 433 (E), dated the 18th April 1987; G.S.R. 176(E), dated the 2nd April, 1996; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March, 2009; G.S.R. 543(E), dated the 22nd July, 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277 (E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; G.S.R. 325(E), dated the 07th May, 2014, G.S.R. 612, (E), dated the 25th August 2014; G.S.R. 789(E), dated the 11th November 2014; S.O. 3305(E), dated the 7th December, 2015; S.O.4(E), dated the 1st January 2016; G.S.R. 35(E), dated the 14th January 2016 and lastly amended vide notification G.S.R. 281 (E), dated the 7th March, 2016.

For,

Kailashpati Cement Ltd.



Managing Director



**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
NOTIFICATION**

New Delhi, the 10th May, 2016

G.S.R. 497 (E). – In exercise of powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely :-

1. Short title and commencement - (1) These rules may be called the Environment (Protection) Third Amendment Rules, 2016.
(2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986,-
(a) in schedule I, after serial number 10 and the entries relating thereto, the following serial number and entries shall be inserted, namely:-

S. No. (1)	Industry (2)	Parameter (3)	Standards (4)	
			A- Emission Standards- Rotary Kila - with co-processing of Wastes	
"10A.	Cement Plant with co- processing of wastes	Particulate Matter (PM)*	Date of Commissioning (a)	Location (b)
			on or after the date of notification (25.8.2014)	anywhere in the country
			before the date of notification (25.8.2014)	critically polluted area or urban centres with population above 1.0 lakh or within its periphery of 5.0 kilometer radius
		SO ₂ *		
			irrespective of date of commissioning	other than critically polluted area or urban centres
		NOx*	After the date of notification (25.8.2014)	anywhere in the country
			Before the date of notification	anywhere in the country

For,
Kailashpati Cement Ltd.
[Signature]
Managing Director

			(25.8.2014)		(ILC) technology.
					(3) 1000 for rotary kiln using mixed stream of ILC, Separate Line Calciner (SLC) and suspension pre-heater technology or SLC technology alone or without calciner.
		HCl			10 mg/Nm ³
		HF			1 mg/Nm ³
		TOC			10 mg/Nm ³ **
		Hg and its compounds			0.05 mg/Nm ³
		Cd +Tl and their compounds			0.05 mg/Nm ³
		Sb+As+Pb+Co+Cr+Cu+Mn+Ni+V and their compounds			0.5 mg/Nm ³
		Dioxins and Furans			0.1 mg TEQ/Nm ³
		Note: The abbreviations used in the Table shall mean as under: SO ₂ —Sulphur dioxide; NO _x —Oxides of Nitrogen; HCl—Hydrogen Chloride; HF—Hydrogen Fluoride; TOC—Total Organic Carbon; Hg—Mercury; Cd—Cadmium; Tl—Thallium; Sb—Antimony; As—Arsenic; Pb—Lead; Co—Cobalt; Cr—Chromium; Cu—Copper; Mn—Manganese; Ni—Nickel; and V—Vanadium.”;			
		* The concentration values and timeline for implementation in respect of PM, SO ₂ and NO _x shall be governed in accordance with the provisions under notification published vide GSR No. 612 (E), dated the 25 th August, 2014 and amended from time to time.			
		** Permitting authority may prescribe separate standards on case to case basis, if Total Organic Carbon (TOC) does not result from the co-processing of waste.			
		(a) The height of each individual stack connected to Kiln, Clinker Cooler, Cement Mill, Coal Mill, Raw Mill, Packaging section, etc. shall be of a minimum of 30 metres or, as per the formula $H = 14 (Q1)^{0.2}$ and $H = 74 (Q2)^{0.2}$ whichever is more, where “H” is the height of stack in metres and “Q1” is the maximum quantity of SO ₂ expected to be emitted in kg/hr and “Q2” is the maximum quantity of PM expected to be emitted in tonnes/hr through the stack at 100 percent rated capacity of the plant;			
		(b) The monitored values of SO ₂ , NO _x , HCl, HF, TOC, Metals and Dioxins and Furans at main kiln stack shall be corrected to 10% Oxygen, on dry basis and the norms for SO ₂ , NO _x , HCl, HF, TOC, Metals and Dioxins and Furans shall be applicable to main kiln stack and the norms for Particulate Matter (PM) shall be applicable to all the stacks in the plant. PM, SO ₂ , NO _x shall be monitored continuously. HCl, HF, TOC, Metals and Dioxins and Furans shall be monitored once in a year;			
		(c) Scrubber meant for scrubbing emissions shall not be used as quencher and plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be at least equal to the main stack.			
		B- Service waste water (with co-processing of wastes) All efforts shall be made by the industry for ‘zero discharge’ of service wastewater and in case, the industry prefers to discharge service wastewater, the following norms shall be complied with:			
			Concentration not to exceed, milligram per litre (except pH and temperature)		
		pH	5.5 to 9.0		
		Suspended Solids	100		

For,
 Kailashpati Cement Ltd.

 Managing Director



[भाग II-संग्रह 3(i)]

भारत का राजपत्र : असाधारण

		Oil and Grease	10	
		Temperature	not more than 5°C higher than the intake water temperature	
		C- Storm water		
		(I) Storm-water shall not be allowed to mix with effluent, treated sewage, scrubber water and or or floor washings. (II) Storm-water within battery limits of industry shall be channelised through separate drain(s)."		

- (b) in Schedule VI, under 'Part-D' relating to General Emission Standards, in item III relating to Load or Mass based standards, after serial number 10 and the entries relating thereto, the following serial number and entries shall be inserted, namely:-

(1)	(2)	(3)	(4)
"10A	Cement Plants (with co-processing)	Rotary kiln based plants (Particulate Matter from raw mill, kiln and pre-calciner system put together)	0.125 kg/ tonne of clinker."

[F. No.- Q-15017/30/2007-CPW]

Dr. RASHID HASAN, Advisor

Note :- The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), vide number S.O. 844 (E), dated the 19th November, 1986 and subsequently amended vide the following notifications, namely:-

S.O. 433 (E), dated the 18th April 1987; G.S.R. 176(E), dated the 2nd April, 1996; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March, 2009; G.S.R. 543(E), dated the 22nd July, 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277 (E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; G.S.R. 325(E), dated the 07th May, 2014, G.S.R. 612, (E), dated the 25th August 2014; G.S.R. 789(E), dated the 11th November 2014; S.O. 3305(E), dated the 7th December, 2015; S.O.4(E), dated the 1st January 2016; G.S.R. 35(E), dated the 14th January 2016 and lastly amended vide notification G.S.R. 281 (E), dated the 7th March, 2016.

POLLUTION CONTROL BOARD, ASSAM
BAMUNIMAI DAM:GUWAHATI – 21

No WB/BONG/T-48/09-10/49

Dated Guwahati,

17/3/12
TFO

"CONSENT TO ESTABLISH"

Provisional "CONSENT TO ESTABLISH" is hereby granted to M/s. Kailashpati Cement (P) Ltd. for expansion of the existing Cement Plant of 50 TPD to 350 TPD plant for manufacturing Ordinary Portland and Portland Pozzolona Cement at Village - Bennibari, Dag No. 76, Bennibari Industrial Estate, P.O. Howly, Dist. Baksa (Assam) under the following terms & conditions :-

(A) General Condition :

1. No Air, Water, Soil pollution shall be created by the industry beyond the permissible limits prescribed by the Board. The industry would incorporate adequate pollution control measures before they put plant into operation.
2. To maintain the environment and ecology in the area provisions for planting selected species of tree within the compound and approaches along with provisions for park, garden and fountain shall have to be made. Massive a forestation will have to be made by the industry in the factory and township if any.
3. As per provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 any officer, employed by this Board in its behalf shall without any interruption, the right at any time to enter the industry for inspection, to take samples for analysis and any call for any information etc. violation of this right will be withdrawal of this permission.
4. As per provisions of the Act, regular monitoring is to be done by the industry from the location/points fixed by the Board and the report to be submitted to the board monthly.
5. Effluent carrying drains must be segregated from storm water drain and effluent must be disposed in effluent pond in case effluent will be allowed to discharge in to nearby nullah/natural water course etc. without treatment and bringing it within permissible limits fixed by the Board.
6. Standard linings and flat embankment of effluent pond shall have to provide in the pond to prevent and control of overflow seepage and leakage of effluent to the nearby areas.
7. To regularise the subsequent, the legal provisions of "Consent to Operate" as per act and Cess Returns as per Cess Act, 1977 shall have to timely adhere to.
8. Gaseous pollution due to the burning of fuel to run engine boiler, etc. should be controlled by adopting preventive measures adequately.
9. Solid waste that arises during the operation should be properly graded and disposed of scientifically without causing nuisances.
10. For Low lying areas, special care is to be taken by the industry to prevent any overflow, seepage and leakage of effluent.
11. Fore warning (Alarm, Siren) is to be installed by the unit to guard against accidental pollution/ mishap together with fire fighting devices.

For,
Kailashpati Cement Ltd.
J.M.
Managing Director

N/A

Contd/-2
Kailashpati Cement Ltd.
J.M.

Managing Director



12. All pipe connection, Joints, fittings etc. in the factory and plant are to be frequently checked and shall be leak proof all the time.
13. Proper housekeeping and adequate maintenance has to be ensured/ enforced as per provisions of Acts.
14. All unwanted Toxic Chemical/Fluid/Gases are to be neutralized and flared up as necessary.
15. Production process is to be monitored and in the event of danger immediate shut down is to be ensured by the industry.
16. Provisional "CONSENT TO ESTABLISH" has been issued basing on the particulars furnished by the applicant and subject to imposition to further/more conditions if warranted by the subsequent development.
17. The "CONSENT TO ESTABLISH" will be valid till the proposed date of commissioning of the plant.
18. Healthy working environment for the worker must be maintained and there should not be health Hazard to the workers for in adequate arrangement for ventilation, dust removal to arrangements should be adequate and full proof for the health of the workers. Their health should be regularly monitored.
19. The unit must submit compliance report of action taken on the conditions given by the Board before commissioning the unit.
20. Adequate trees should be planted and maintained in the vacant space of the premises and all around the factory and township if any.
21. The Board will be at liberty to withdraw the "CONSENT TO ESTABLISH" at any time without notice, if necessary steps for prevention of pollution and prevention of environment is not taken by the industry as per mentioned conditions.
22. This issuance of the "CONSENT TO ESTABLISH" does not convey any property right in their real or personal property or any exclusive privileges nor does it authorize any injury to private property nor any invasion right any infringement of Central, State or Local Laws or Regulations.
23. The "CONSENT TO ESTABLISH" does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse except of the works specially instructed herein.
24. The industry shall not discharge any waste water outside the campus.
25. The industry shall not use any fuel which may create air pollution.
26. No noise pollution is to be created by the industry.
27. The applicant shall inform the Board regarding first product.
28. Adequate fire fighting with fittings like fire hydrant etc. shall have to be provided in order to prevent hazardous fire.

Contd/-3

For,
Kailashpati Cement Ltd.
[Signature]
Managing Director

For,
Kailashpati Cement Ltd.
[Signature]



12. All pipe connection, Joints, fittings etc. in the factory and plant are to be frequently checked and shall be leak proof all the time.
13. Proper housekeeping and adequate maintenance has to be ensured/ enforced as per provisions of Acts.
14. All unwanted Toxic Chemical/Fluid/Gases are to be neutralized and flared up as necessary.
15. Production process is to be monitored and in the event of danger immediate shut down is to be ensured by the industry.
16. Provisional "**CONSENT TO ESTABLISH**" has been issued basing on the particulars furnished by the applicant and subject to imposition to further/more conditions if warranted by the subsequent development.
17. The "**CONSENT TO ESTABLISH**" will be valid till the proposed date of commissioning of the plant.
18. Healthy working environment for the worker must be maintained and there should not be health Hazard to the workers for in adequate arrangement for ventilation, dust removal to arrangements should be adequate and full proof for the health of the workers. Their health should be regularly monitored.
19. The unit must submit compliance report of action taken on the conditions given by the Board before commissioning the unit.
20. Adequate trees should be planted and maintained in the vacant space of the premises and all around the factory and township if any.
21. The Board will be at liberty to withdraw the "**CONSENT TO ESTABLISH**" at any time without notice, if necessary steps for prevention of pollution and prevention of environment is not taken by the industry as per mentioned conditions.
22. This issuance of the "**CONSENT TO ESTABLISH**" does not convey any property right in their real or personal property or any exclusive privileges nor does it authorize any injury to private property nor any invasion right any infringement of Central, State or Local Laws or Regulations.
23. The "**CONSENT TO ESTABLISH**" does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse except of the works specially instructed herein.
24. The industry shall not discharge any waste water outside the campus.
25. The industry shall not use any fuel which may create air pollution.
26. No noise pollution is to be created by the industry.
27. The applicant shall inform the Board regarding first product.
28. Adequate fire fighting with fittings like fire hydrant etc. shall have to be provided in order to prevent hazardous fire.

For,
Kailashpati Cement Ltd.
JR
Managing Director

Contd/-3

For,
Kailashpati Cement Ltd.
JR

Managing Director

29. Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.
30. The unit should apply for Authorization under Hazardous Wastes (Management, Handling and Trans Boundary Movement Rule) 2008.
31. The unit should follow specific and general conditions of environmental clearance granted by Ministry of Environment & Forests, New Delhi.
32. The unit should follow terms & conditions of EIA report.
33. The Board will have the liberty to withdraw the "CONSENT TO ESTABLISH" if adequate pollution control and safety measures are not taken.
34. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time.
35. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, SO₂ and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Board.
36. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
37. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
38. Occupational health surveillance of the workers should be done on a regular basis and records should be maintained as per the Factories Act.
39. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
40. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.

For,
Kailashpati Cement Ltd.
[Signature]
Managing Director

Contd/-4

For,
Kailashpati Cement Ltd.
[Signature]
Managing Director



- 41 Total water requirement shall not exceed 8m³/day. All the treated wastewater shall be recycled and reused in the process and/or for dust suppression and greenbelt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge should be adopted.
- 42 Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.
- 43 Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms described under the E(P) Act. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry's Regional Office at Shillong, SPCB and CPCB.
- 44 All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices should be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorize recyclers/reprocessors only.
- 45 As proposed, green belt shall be developed in at least 33% area in and around the cement plant as per the CPCB guidelines to mitigate the effects of Air emissions in consultation with local DFO.
- 46 All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants should be implemented.
- 47 At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan shall be prepared and submitted to this Board and implementation of such program shall be ensured accordingly in a time bound manner.
- 48 The Board may revoke or suspend the "**Consent to Establish**" if implementation of any of the above conditions is not satisfactory.
- 49 The Board reserves the right to stipulate additional conditions if found necessary. The Company in time bound manner shall implement these conditions.
- 50 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

NKA

Contd/-5

For,
Kailashpati Cement Ltd.
Hr
Managing Director

For,
Kailashpati Cement Ltd.
Hr
Managing Director

(B) SPECIFIC CONDITIONS :

51. Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. After expansion, limit of PM shall be controlled within 50 mg/Nm³ by installing adequate air pollution control system. Electrostatic precipitators to clinker cooler, bag house to raw mill/kiln and bag filters to coal mill and cement mill.
52. The National Ambient Air Quality Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November, 2009 shall be followed.
53. Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines/Code of Practice issued by the CPCB in this regard should be followed.

Member Secretary

Memo No. WB/BONG/T-48/09-10/49 - A,

Dated Guwahati:

Copy to:

- ✓ 1) M/s. Kailashpati Cement (P) Ltd., C/o Mr. Kartik Sarma (Managing Director), Village - Bennibari, Dag No. 76, Bennibari Industrial Estate, P.O. Howly, Dist. Baksa (Assam) for information & necessary action. The "CONSENT TO ESTABLISH" is valid subject to fulfilment of above terms & conditions and also subject to obtaining necessary permission from other Competent Authorities.
- 2) The Deputy Secretary to the Govt. of Assam, Department of Environment & Forest, Dispur, Guwahati - 6 for favour of information.
- 3) The Deputy Commissioner, Baksa dist. for favour of information.
- 4) The General Manager, DI&CC, Goalpara Baksa for information.
- 5) The Sr. Env. Engineer, Regional Laboratory Cum Office, Bongaigaon, Pollution Control Board, Assam for information & necessary action. The "CONSENT TO ESTABLISH" is valid subject to fulfilment of above terms and conditions and also subject to obtaining necessary permission from other Competent Authorities. This has reference to his letter No. RLO/BON/T-1321/09-2010/32 dtd. 27/11/09

bcc: 17.05.12
Member Secretary

For,
Kailashpati Cement Ltd.

Managing Director

For,
Kailashpati Cement Ltd.

Managing Director

APPENDIX - A

1. Effluent characteristics after the treatment shall have to meet the following standard -

Sl. No.	Parameters	Tolerance Limit
i.	pH	6.0 to 8.5
ii.	Total Suspended solid	20 mg/l (max.)
iii.	Temperature	Shall not exceed 40°C
iv.	Bio-Chemical Oxygen Demand	30 mg/l (max.)
v.	Insecticides	Absent
vi.	Chemical Oxygen Demand	250 mg/l (max.)
vii.	Dissolved Oxygen	40% saturation value
viii.	Oil & Grease	5.0 mg/l (max.)
ix.	Other parameters	As per Schedule-VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R.422(E) dated 19.05.1993

- The applicant should submit within one month of the receipt of the Consent full particulars of the steps so far and proposed to be taken for bringing the quality of the effluent to the prescribed standard as mentioned above (Sl. 1)
- The maximum quantity of effluent discharge shall not exceed the limit as mentioned above.
- Suitable flow measuring arrangement shall be provided to the applicant. In no case effluent shall be discharge unmeasured.
- The applicant shall analyse the effluent samples quarterly and the reports shall be submitted to the Board regularly for record.
- The flow measuring arrangement with records effluent analysis reports should be made available to the inspecting officer of the Board for their study.
- The consent had been given by the Board is based on the particulars furnished in the consent application and the consent will become automatically invalid if any changes or alterations or deviation except mentioned in this consent are made actual practice from the particulars furnished in the application. Any changes deviations or alterations can be effected only after getting prior written approval of the Board.
- The issuance of this consent does not carry any property right in either real or personal property or any exclusive privileged nor does it authorizes any injury to private property nor any invasion right nor any infringement of Central, State or Local Laws or Regulations.
- The Board reserves the right to review from time to time any of the conditions imposed in this consent and make any reasonable variation there or the revoke any of the conditions as it thinks fit in accordance with the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended.
- The consent does not authorize or approve the construction of any physical structure or facilities or the undertaking or any natural water source except to extent or works specially instructed herein.
- The consent is granted subject to payment of necessary 'FEES' as per the Rule framed under Water (Prevention & Control of Pollution) Act, 1974.
- The Consent is valid up to 31st March, 2020. The industry shall have to apply for renewal of Consent with all required information fees etc. within November, 2019 for tenure of emission beyond 31st March, 2020 for consideration of the Board.
- Be it mentioned that, if any of the conditions are not fulfilled, this consent shall be treated as cancelled.

For,
Kailashpati Cement Ltd.

Managing Director

✓/AOB-01/

APPENDIX - B

A. STANDARDS FOR THE AMBIENT AIR QUALITY:

1. Ambient Air Quality standards shall conform the following:
 - > SO₂ - 50 $\mu\text{g}/\text{m}^3$ (Max)
 - > NO₂ - 40 $\mu\text{g}/\text{m}^3$ (Max)
 - > CO - 02 $\mu\text{g}/\text{m}^3$ (Max)

The measurement should be carried out for 24 hours preferable or for 8 hours randomly distributed.

B. IMPLEMENTATION OR FOLLOWING POLLUTION CONTROL MEASURES:

1. The applicant shall provide dust containment cum suppressor system for their equipments.
2. The applicant shall provide latest air pollution control device in the plant.
3. The applicant shall use pulveriser in case they use coal in their process.
4. The height of chimney shall not be less than 30 (thirty) meters from the ground level.
5. The applicant shall take all necessary steps to keep the noise within permissible limits.
6. Green belt has to be developed by the industry around its periphery.

C. GENERAL STIPULATION:

1. The issuance of this provisional Consent does not carry any property right in either real or personal property or any exclusive privileges nor does it authorize any injury to private property nor any invasion rights nor any infringement of Central State or Local Laws or Regulations
2. The Consent has been given by the Board basing on the information furnished in the Consent application and the Consent will become automatically invalid if any changes or alterations or deviations except mentioned in this provisional Consent are made actual practice from the particulars furnished in the application form.
3. The Board reserved the right to review from time to time any of the conditions imposed in this Consent and make any reasonable variation there of to revoke any of the conditions as it thinks fit in accordance with provision of Air (Prevention & Control of Pollution) Act, 1981 as amended in 1987.
4. The Consent does not authorize or approve the construction of any physical structure of facilities or undertaking of any works except to the extent of works specially instructed herein.
5. The Consent is granted subject to payment of necessary "FEES" as per the Rule framed under Air (Prevention & Control of Pollution) Act, 1981.
6. The Consent is valid up to 31st March, 2020 The industry shall have to apply for renewal of Consent with all required information fees etc. within November, 2019 for release of emission beyond 31st March, 2020 for consideration of the Board.
7. Be it mentioned that if any of the above conditions are not fulfilled this Consent shall be treated as cancelled.

For,
Kailashpati Cement Ltd.
[Signature]
Managing Director

Digitized
Monitor Secretary, IITM

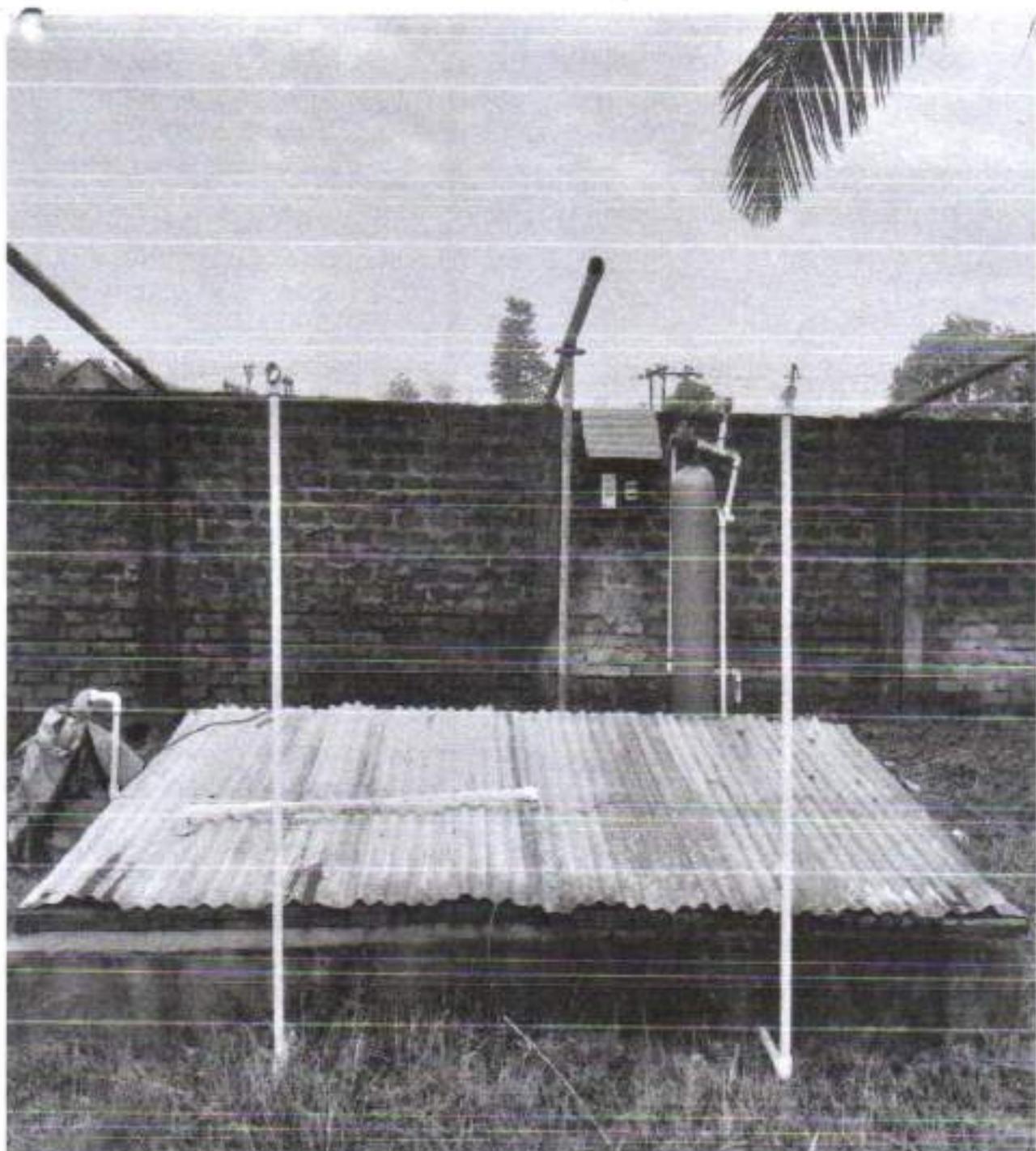
Tat.,
Kailashpati Cement Ltd.
[Signature]
Managing Director



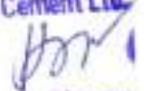
Covered trucks will be uses for transportation of raw materials & finished pruducted

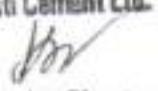
Kailashpati Cement Ltd.
JVR
Managing Director

For,
Kailashpati Cement Ltd.
JVR
Managing Director



ETP PLANT (7 Stage Filtration upto 5kld)

For,
Kailashpati Cement Ltd.

Managing Director

For,
Kailashpati Cement Ltd.

Managing Director

ANX-VI

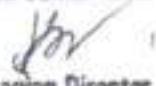


**Green belt to be developed in 33% of
the area & same is under process**

For,
Kailashpati Cement Ltd.


Managing Director

For,
Kailashpati Cement Ltd.


Managing Director

Drinking Water



KPC has provided all necessary basic essential facilities to staff & Labour.

Fot.
Kailashpati Cement Ltd.
Hr
Managing Director

Fot.
Kailashpati Cement Ltd.
Hr
Managing Director

Staff Quater

ANR-VII



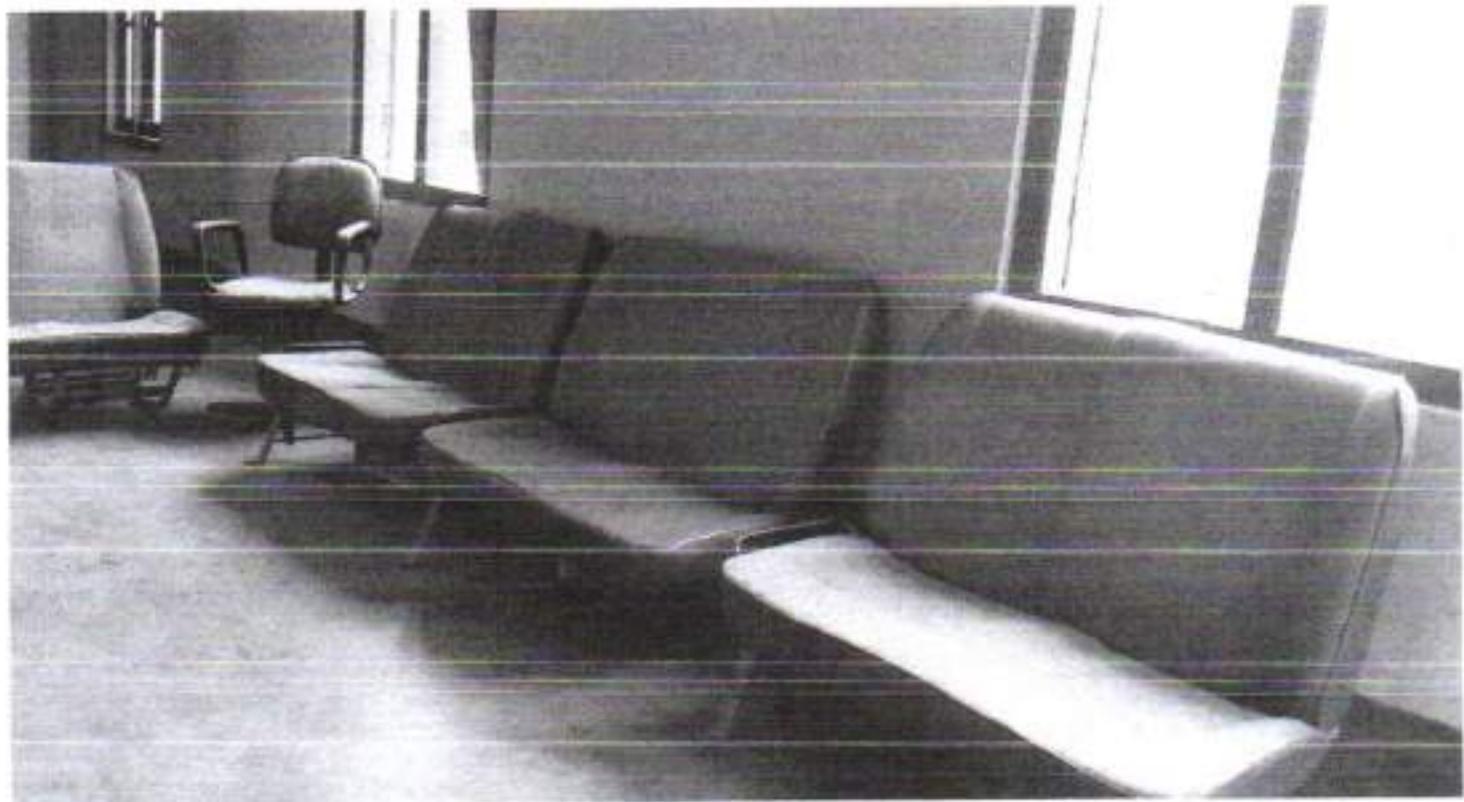
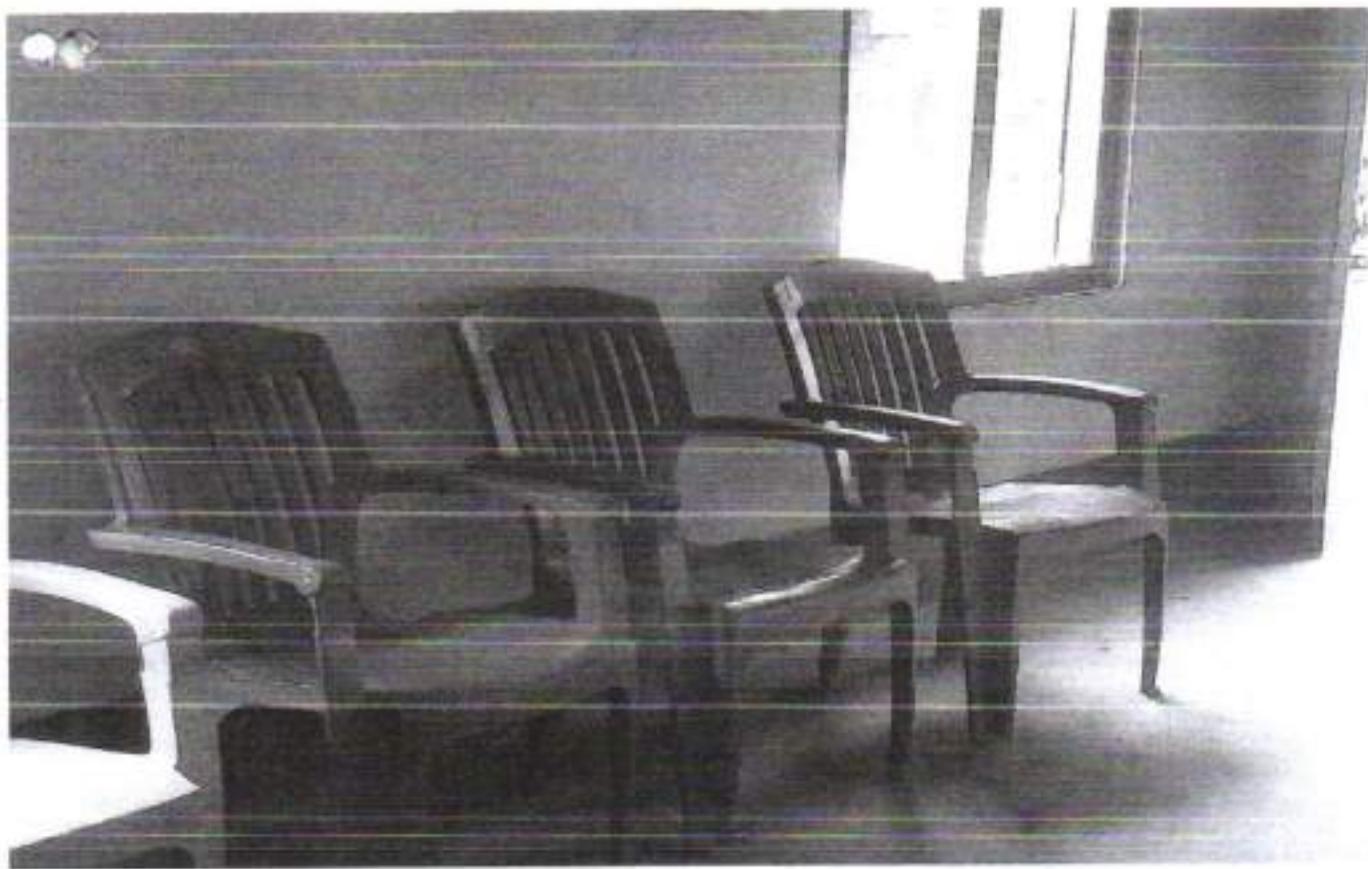
KPC has provided all necessary
basic essential facilities to staff & Labour.

Kailashpati Cement Ltd.
[Signature]
Managing Director

for,
Kailashpati Cement Ltd.
[Signature]
Managing Director

Staff Rest Room

ANX-VII



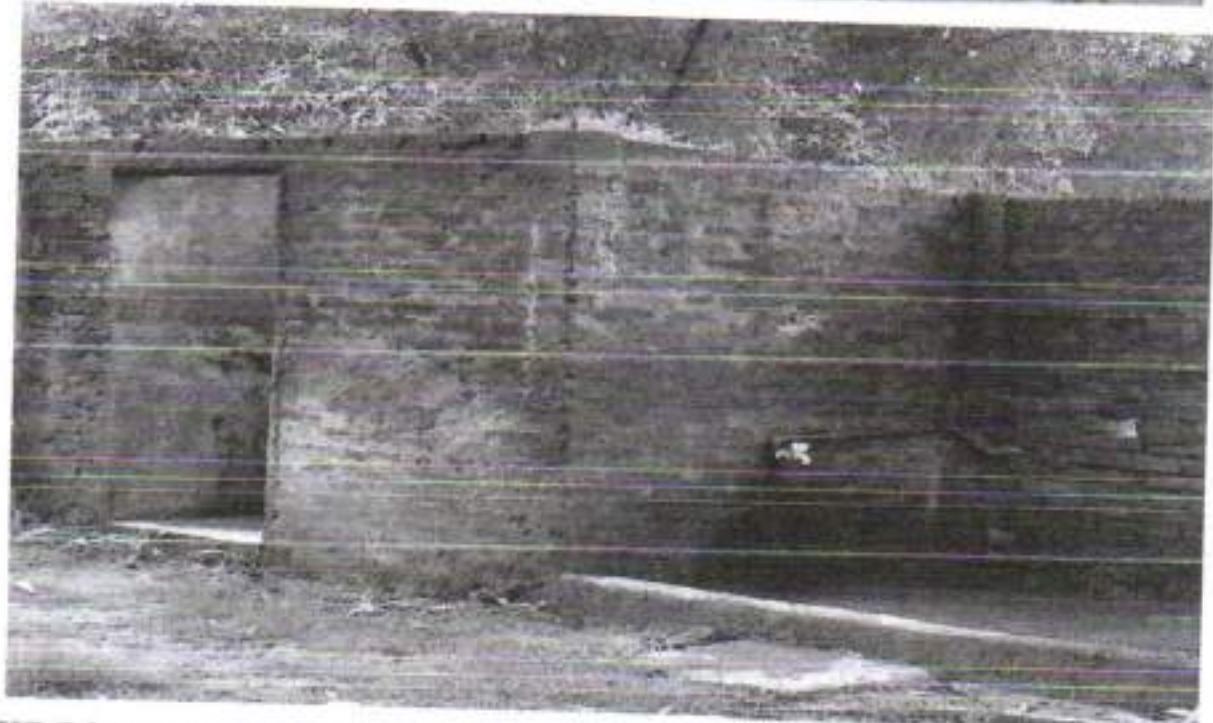
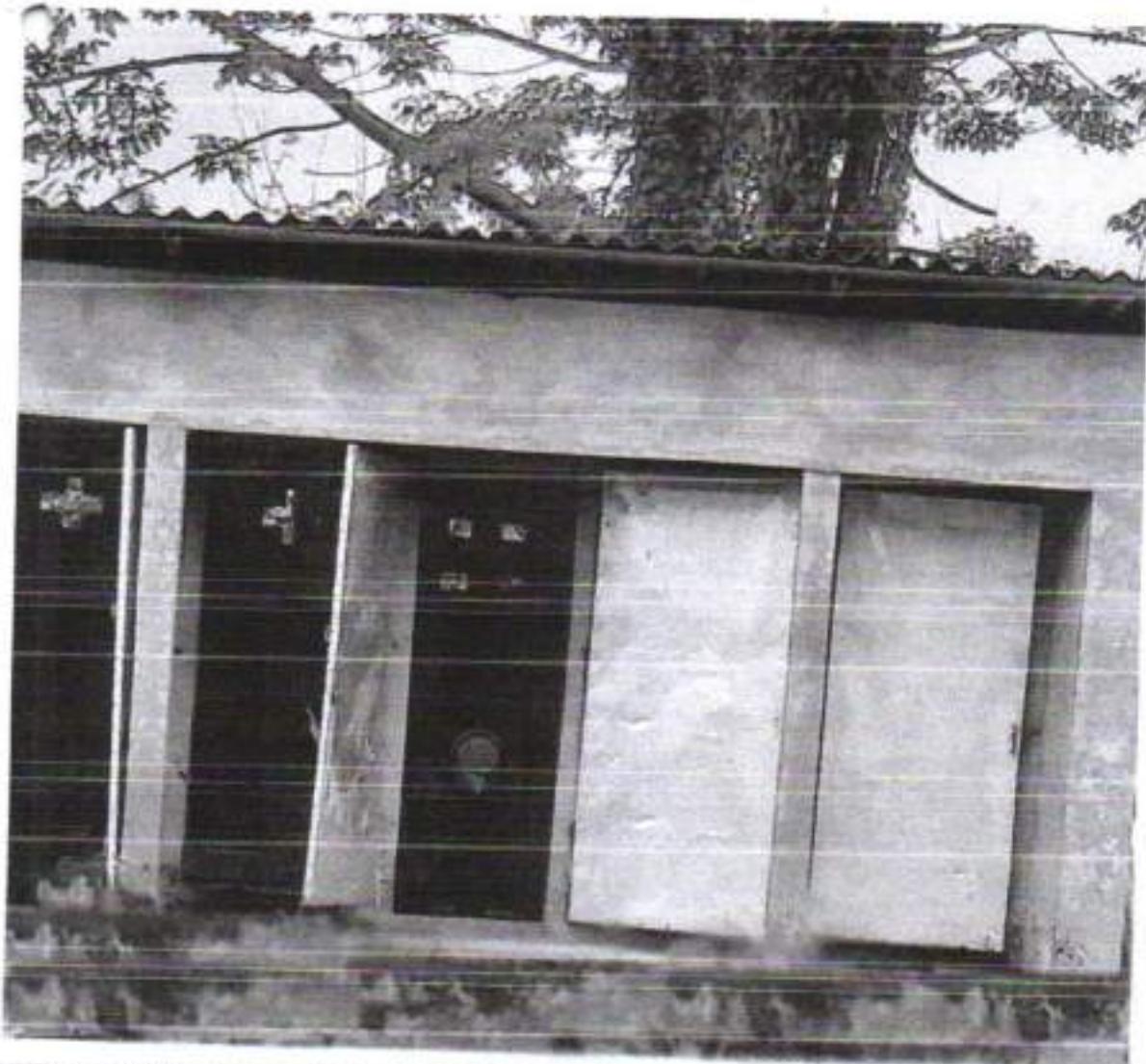
KPC has provided all necessary
basic essential facilities to staff & Labour.

For,
Kalsashpati Cement Ltd.
H.V.
Managing Director

For,
Kalsashpati Cement Ltd.
H.V.
Managing Director

Toilet

ANX-VII



KPC has provided all necessary
basic essential facilities to staff & Labour.

Kalashpati Cement Ltd.
Mr.
Managing Director

Fir,
Kalashpati Cement Ltd.
Mr.
Managing Director

23

No OBJECTION CERTIFICATE

I hereby certify that the group panchayat has no objection against the proposed construction of the factory of Kailashpati Cement Ltd. at the place mentioned above. This certificate is given on 05/09/2003.

Dated : 05/09/03

For,
Kailashpati Cement Ltd.
[Signature]
Managing Director

For,
Kailashpati Cement Ltd.
[Signature]
Managing Director

PROFORMA FOR DISPLAY OF FORMATION RELATED TO AIR, WATER AND HAZARDOUS WASTE GENERATION

- (i) NAME OF THE INDUSTRY/FACILITY WITH CONTACT DETAILS : KALASHPATI CEMENT LIMITED (98545-3824) (AS PER THE CONSENT TO ESTABLISH/OPERATE)
- (ii) DATE OF UPDATE OF DISPLAY : 23-04-2021
- (iii) DETAILS OF UPLOAD CONSENT TO OPERATE AND AUTHORIZATION WITH VALIDITY : 31-MARCH-2022
- (iv) DETAILS OF OPERATIONAL STATUS : OPERATIONAL
- (v) PRODUCTION DETAILS : 75.00 MT (OPC43) - 22-04-2021

S.NO.	PRODUCTS MANUFACTURED (INCLUDING RECYCLING/ UTILIZATION)	DETAILS OF HAZARDOUS CHEMICALS USED WITH QUALITY AND PURPOSE	TYPE OF HW GENERATED WITH CATEGORY AS PER HOWM RULES 2016	QUALITY OF HW GENERATED STORED AND DISPOSED	MODE OF TREATMENT AND DISPOSAL (PRE-PROCESSING, CO-PROCESSING, RECYCLING / UTILIZING / REUSE / SLF / INCINERATOR ETC.)
1	PP CEMENT	Transformer oil	UPS	Gear oil	Re-use
2	OPC-43 grade	Gear oil	PP bags	Compressed oil	Dispose
3		Compressed oil	Alluminium, etc.	Transformer oil	Re-use
4		Mobil oil		Mobil oil	Dispose
5					

(vi) AIR EMISSION

S.NO.	SOURCE OF AIR POLLUTION (Ex. BOILER / DG SETS/ FURNACE WITH CAPACITY IN ETR/Kg, TYPE OF FUEL ETC.)	AIR POLLUTION CONTROL DEVICES (APCD) / DEVICES WITH STACK HEIGHT	PARAMETERS MONITORED IN FT AIR PATHWAY (PM 10, PM 2.5, NO _x , ETC.)	
			MONITORED DATA	LIMITS/ STANDARD PRESCRIBED BY SPCB, CPCB
1	DUST COLLECTOR (120 Bag)	STACK - 50ft	PM - 21	
2	OCEMS	54 ft	SO ₂ - NA	
			SO ₂ - 04	
			NO ₂ - 18	

* OCIMS CONNECTIVITY DETAILS (DATE OF INSTALLATION AND OPERATIONAL STATUS): 25/02/2019

(vii) EFFLUENT DISCHARGE

S.NO.	SOURCE OF EFFLUENT DISCHARGE WITH QUALITY (Ex. PROCESS WASTE WATER, DOMESTIC EFFLUENT, ETC.)	TREATMENT METHOD (ETP WITH CAPACITY OR ANY OTHER METHOD)	MODE OF DISPOSAL OF TREATMENT EFFLUENT (DRAIN/ SEWER/ LAND ETC.)	EFFLUENT DISCHARGE MONITORING (PN, COD, BOD, TSS, ETC.)	
				INLET	OUTLET
1	DOMESTIC EFFLUENT	ETP	LAND		

* OCEMS CONNECTIVITY DETAILS (DATE OF INSTALLATION AND OPERATIONAL STATUS): 09/07/2019

For,
 Kalashpati Cement Ltd.

 Managing Director

SOARMLICH

Date: 17/05/2019

Due Date: 17/05/2019

P.O. Number KPC/SME/P.O./13-2019

P.O. Date May 17, 2019

49, Orchid Plaza,near S.B.I
BankR.T Road,Dahisar (E)
Mumbai, Maharashtra (MH - 27),
PIN Code 400068, India
7977304808
info@soarmlich.in
www.soarmlich.in
GSTIN: 27EPGPM7422K1ZH

Kailashpati Cement Limited
Ananda Market, Amlal, P.O.
Barpeta Road-7E13'15,
Dist.Barpeta (Assam)
Barpeta Road, Assam (AS - 18),
PIN Code 781315, India
98545-31824
Place of Supply: AS (18)
GSTIN: 18AACCK9316J129

Kailashpati Cement Limited
Ananda Market, Amlal, P.O. Barpeta
Road-7E13'15, Dist.Barpeta
(Assam)
Barpeta Road, Assam (AS - 18), PIN
Code 781315, India
98545-31824
SANJIB GHOSH

Product Name	HSN/SAC	QTY	Rate	IGST	Amount
1 Online SPM Analyser with real time data transmission with SPCB/CPCB Server . Operating Temperature Gas : 0-850 Deg C Sensor Probe : SS 316 Response Time : Instantaneous Duct Width: 25mm to 2.5 Meter Sensor Length : 100 or 200 mm or (Customize) Sensor Diameter : 15mm Accuracy : +/-2% Response Time: 30 seconds at 95% variation Digital Output: RS-485 Digital Input: 4-20mA	9027	1.00	1,21,462.00	21,863.16	1,43,325.16

Shipping & Packaging	@18%	4858.48	874.53	5733.01
TOTAL	1.00	126437.48	22737.69	149165.17

AUTHORISED SIGNATORY

For Soarmlich Engineers

E & O.E.

- Our responsibility ceases once the goods leave our Godown.
- Interest @ 24% p. a. will be charged if bill is not paid on presentation.
- All disputes are subject to Thane (Mumbai) jurisdiction only.

For,

Kailashpati Cement Ltd.

✓
Managing Director

For,
Kailashpati Cement Ltd.

✓
Managing Director

TAX INVOICE

SUNRAY
SUNRAY INFOSYSTEMS PVT. LTD.
 Address: 108, Sector 1, Digha, Dibrugarh, Assam
 Contact No.: +91-674-2562506
 Email ID: kpc@sunray.com
 State Name: Odisha, Code: 21
 IN: 172105012000PTC119983
 E-mail: sunray@sunnyray.com

Buyer
KAILASHPATI CEMENT LTD
 BENNIBANI INDUSTRIAL ESTATE,
 NEAR B.H. COLLEGE,
 BAKSA-781316, ASSAM
 GSTIN/UIN : 18AACCK9316J129
 PAN/IT No AACCK9316J
 State Name Assam, Code : 18

Invoice No.: SUN 2019-20 331 Date: 17-Feb-2020
 Delivery Note No.: 11287741R

Supplier's Ref.	Other Reference(s)
Buyer's Order No. KPCWn-OrderSFT19-25	Dated 28-Aug-2019
Despatch Document No.	Delivery Note Date
Despatched through	Destination ASSAM

Terms of Delivery

Sl. No.	Description of Services	HSN/SAC	Quantity	Rate per	Amount
1	Installation of RTDAS SYSTEM FOR FEM SITE MONITORING SYSTEM	998313	1 QTY	1,17,884.75 QTY	1,17,884.75
	Less:				21,219.26 (-)0.01
		Total	1 QTY		₹ 1,39,104.00

Amount Chargeable (in words) **E & O.E**

Indian Rupees One Lakh Thirty Nine Thousand One Hundred Four Only

HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount
		Rate	Amount	
998313	1,17,884.75	18%	21,219.26	21,219.26
	Total	1,17,884.75		21,219.26

Tax Amount (in words) Indian Rupees Twenty One Thousand Two Hundred Nineteen and Twenty Six paise Only

Company's PAN AAIC57741R

Company's Bank Details
 Eg-I Name: PUNJAB NATIONAL BANK
 A/c No.: 7666002100000996
 Branch & IFSC Code: SIRIPUR & PUNB0766600

Declaration
 We declare that we have paid the full amount of our bills under price
 of the goods described and that all particulars are
 true and correct.

For SUNRAY INFOSYSTEMS PVT. LTD.
 Authorised Signatory
 ESTD-2003

This is a Computer Generated Invoice

For,
 Kailashpati Cement Ltd
 Managing Director



Jyoti Chakraborty
 Managing Director

Annexure - XII



ASHPATI CEMENT (P) LTD.
A Manufacturing Unit of KP Cement

Date: 18/4/14.

To

VCDC

Bennibari , (BTAD)

Sub: - Intimation regarding Environment Clearance

Reference: F. No. J-11011/24/2010 -IA II (I)

Dear Sir

We would like to inform that we have received Environment clearance from Ministry of Environment and forests vide letter no - F. No. J-11011/24/2010 -IA II (I)

Thanking you,

For,
Kailashpati Cement Pvt. Ltd.
[Signature]
Managing Director
M/s Kailashpati Cement Private Limited

For,
Kailashpati Cement Pvt. Ltd.
[Signature]
Managing Director

For,
Kailashpati Cement Ltd.
[Signature]

Managing Director

For,
Kailashpati Cement Ltd.
[Signature]
Managing Director

KAILASHPAT.

A Manufa



KPC/REC/5/14-15

Ref No To
Dr. S. C. Katiar, Joint Director (S)
Ministry of Environment and Forest
North Eastern Regional Office
LAW-U-SIB, LUMBATNGEN
Near MTC Workshop
Shillong -793021

Subject: Submission of copy of Environmental Clearance F. No
IA-II (I), Government of India, Ministry of Environment and Fore
Dated: 3rd April, 2012

REF: Expansion of Cement Plant (from 50 TPD to 350 TPD
and Portland Pozzolona Cement) at Dag No- 76, Benribari In
-Bennibari, Mouza: Howly, District Baksa in Assam

Dear Sir,

We are enclosing a copy of Environmental Clearance F. No
(I), Government of India, Ministry of Environment and Fores
3rd April, 2012

Thanking you sir

With regards

To: For M/S Kailashpati Cement (P) Ltd
Kailashpati Cement Pvt. Ltd.

JN
(Mr. Kankabati)
Managing Director

For,
Kailashpati Cement Ltd.
JN
Managing Director

Copy to

- 1) The Member Secretary
PCB Assam
Bamunimaidam
Guwahati-21

For,
Kailashpati Cement Pvt. Ltd.

JN
Kailashpati Cement Ltd.
Managing Director



Tax Invoice

J&K Groups FY 18-19
 2nd Floor, Borah Market,
 R.G.Borah Road, Guwahati, Assam-781006
 GSTIN/UIN: 18AIQPD8824K2Z0
 State Name : Assam, Code : 18
 Contact: 0361201339, 9478850602
 E-Mail: accountants@luitminerals.com

Invoice No. JK/009/2019-20
 Dated 10-Jun-2019
 Delivery Note
 Mode/Terms of Payment

Supplier's Ref. JK/009/2019-20
 Buyer's Order No.
 Other Reference(s)

Despatch Document No.
 Despatched through
 Delivery Note Date

Consignee
Kailashpati Cement Limited
 Bennibari Industrial Estate, Howly, Ph No:
 9854531824,
 GSTIN/UIN: 18AACCK9318J129
 State Name : Assam, Code : 18

Terms of Delivery

Buyer (if other than consignee)
Kailashpati Cement Limited
 Bennibari Ind. Estate, Howly,
 Ph No: 9854531824,
 Kpcements@mailbox@rediffmail.com
 State Name : Assam, Code : 18

Sl No	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate per PCS	Disc. %	Amount
1.	Effluent Treatment Plant 1. 7 Stage Filtration upto 5KLD@ 30000 2. Chemical Dosing System@ 10000 3. Transportation@2000	8421	18 %	1 PCS	39,830.51	4.25 %	38,137.71
Less:							
		CGST					3,432.39
		SGST					3,432.39
		ROUND OFF					(-)2.49

✓

Total 1 PCS ₹ 45,000.00
 Amount Chargeable (in words)
INR Forty Five Thousand Only E. & O.E.

HSN/SAC	Taxable Value	Central Tax Rate	State Tax Rate	Total Tax Amount
8421	38,137.71	9%	9%	3,432.39
	Total	38,137.71	3,432.39	3,432.39

Tax Amount (in words) **INR Six Thousand Eight Hundred Sixty Four and Seventy Eight paise Only**

Company's VAT TIN: 18830243469
 Company's CST No: 18379955086
 Company's PAN: AIQPD8824K

Company's Bank Details
 Bank Name: Allahbad Bank Current Account No. 80355862945
 A/c No: 50355862945
 Branch & IFS Code: PANBAZAR & ALLA6211546

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for J&K Groups FY 18-19

For,

Kailashpati Cement Ltd.

Managing Director

This is a Computer Generated Invoice

For,
Kailashpati Cement Ltd.
 Director