



SHREE CEMENT LTD.

An ISO 9001, 14001, 45001 & 50001 Certified Company

Regd. Office:

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SCL/BWR/ENV/2020-21/

Date:-18/11/2020

To,
The Addl. Principal Chief Conservator of Forest (C)
Ministry of Environment Forest & Climate Change,
Regional office (Central Region),
Kendriya Bhawan, 5th Floor Sector 'H' Aliganj,
Lucknow (U.P.), Pin-226020.

Sub:- Compliance of conditions of environmental clearance letter of Unit-II of M/s Shree Cement Limited located at village Andheri Deori, Tehsil-Masuda, District Ajmer (Rajasthan).

Ref: - Environment Clearance letter No. J-11011/101/96-IA-II (I) dated 09/04/1997.

Dear Sir,

In reference to the above subject matter and referred letter, we are submitting herewith the point wise compliance of conditions of the above environmental clearance letter for the period from, April, 2020 to September, 2020.

This is for your kind information please.

Thanking you,

Yours faithfully,

For Shree Cement Ltd.

(Dr. Anil Kumar Trivedi)
Sr. G.M. (Environment)

- Cc to:
1. The Director (Industry-I) Ministry of Environment, Forests & Climate Change, Indra Paryavaran Bhavan, Jorbag Road, New Delhi-110003
 2. The In-Charge (Zonal Office), Central Pollution Control Board (CPCB), 3rd Floor, Sahkar Bhawan, North T.T. Nagar, Bhopal-462003(M.P.)
 3. The Member Secretary, Rajasthan Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR-302004(Rajasthan).

JAIPUR OFFICE : SB-187, Bapu Nagar, Opp. Rajasthan University, JLN Marg, Jaipur 302015
Phone : 0141 4241200, 4241204

NEW DELHI OFFICE : 122-123, Hans Bhawan, 1, Bahadurshah Zafar Marg, New Delhi 110002
Phone : 011 23370828, 23379218, 23370776

CORP. OFFICE : 21, Strand Road, Kolkata 700001 Phone : 033 22309601-4 Fax : 033 22434226

NEW DELHI OFFICE : 11, B-1, Market Street, New Delhi-110001
Phone : 234 1111, 234 1112, 234 1113
JALPA OFFICE : 11, B-1, Market Street, New Delhi-110001
Phone : 234 1111, 234 1112, 234 1113

SHREE CEMENT LIMITED UNIT-II

Village Andheri Deori, Tehsil-Masuda, District Ajmer (Rajasthan)

COMPLIANCE STATUS

ENVIRONMENT CLEARANCE LETTER No.

: J-11011/101/96-IA-II (I) dated: April 09, 1997

PERIOD OF COMPLIANCE

: April 20 to September 20

Project Code

: Raj-20-140-1997

A	Conditions	Compliances status
(i)	The project authority must take necessary action to adhere to the conditions and measures stipulated by state government and state pollution control board.	All necessary measures stipulated by state government and state pollution control board have been taken care of.
(ii)	No further expansion of the plant can be taken up without the prior approval of this ministry.	Prior approval shall be taken from Ministry for any further expansion.
(iii)	The gaseous and SPM emission from various units must confirm to the standards prescribed by the central government or state pollution control board under the EPA norms whichever is more stringent. At no time, the emission must exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit (s) must be put out of operation immediately and shall not be restarted until the control systems are rectified to achieve the desired efficiency.	<ul style="list-style-type: none"> • The stack of Raw Mill Kiln, Clinker Cooler, Coal Mill, Cement mill of all units are complying with PM <30 mg/Nm³. All the stacks are installed with emission control devices like Bag house, ESPs. • De-NOx system have been installed at all kilns. • Opacity meters have been installed for continuous monitoring of PM at the stack of Raw mill & Kiln, Clinker Cooler, Cement mill, Coal mill. • CEMS have been installed for continuous emission monitoring of SO₂ and NO_x at the stack of Raw Mill-Kiln. • SO₂ emission level are maintained <100 mg/Nm³ & NO_x emission level are maintained <1000 mg/Nm³ from Raw Mill & Kiln stack. • PM Emission level are maintained <30 mg/Nm³ from Raw mill & kiln, Coal mill, Clinker Cooler and Cement mill stacks of all units.. • Adequate numbers of air pollution control devices have been installed at all the material transfer points and silos. • Low NO_x burners have been installed with all kilns. • Calibration of all instruments is being done on regular basis. • NABL approved lab performs the calibration of opacity monitors and gas analyzers periodically. <p>Monitoring results are attached as Annexure – I.</p>
(iv)	Ambient air quality including ambient noise level must not exceed the standards stipulated under EPA/State authorities. Monitoring of ambient air quality and stack emission shall be carried out regularly in consultation with SPCB and report submitted to the board quarterly and to the ministry (regional office at Lucknow) half-yearly.	Ambient air qualities including ambient noise level are well within the prescribed standards stipulated under EPA/State authorities. Monitoring of ambient air quality and stack emission is being carried out regularly. Monthly monitoring report is submitted to SPCB and half yearly to the Ministry. Monitored data from April 20 to September 2020 is enclosed as Annexure-I .

(v)	Fugitive emission of dust should be controlled and work environment monitoring by adequate dust collection and extraction system and housekeeping.	<p>All measures to control the fugitive emission and better housekeeping have been taken & maintained regularly. CPCB guidelines for control of fugitive emissions have been implemented.</p> <p>Following measures have been taken for control of fugitive emissions:</p> <ul style="list-style-type: none">• Use of covered vehicles for cement and clinker transport• Use of closed container for FlyAsh transport.• Use of rail along with road transport.• All movement area are concreted.• Circular stockpile for covered storage for Coal.• Plantation has been carried out around plant area.• Vacuum sweeping machines are in use for sweeping.• All unloading hoppers are covered and provided with bag filters.• All conveyer belts are covered.• Water spray system at reclaimers and limestone unloading points. <p>Photographs enclosed as Annexure-II Fugitive emission report enclosed as Annexure-I.</p>								
(vi)	The project authority shall not change any design/height of the stack without permission of state pollution control board.	Noted. No change in design of stack height. However, height & installation of CEMS are as per statutory guidelines.								
(vii)	Water requirement for both process and domestic purpose envisaged at 2070m ³ /day must be met from mine water sources only adopting proper mine storage and water utilization schemes.	<p>Water consumption for industrial cooling is >450 KLD. Domestic water consumption is common for all units which is >950 KLD.</p> <p>Water requirement met from ground water and rain water collected in mine pits.</p>								
(viii)	Occupational health of the workers should be periodically monitored and record maintained.	<ul style="list-style-type: none">• Occupational Health Management Center with specialist has been established.• Occupational Health Surveillance programmes are being carried out on regular basis and record of the same is maintained as per Factories Act.• Every year Health Checkup is being carried out on annual basis. Copy enclosed as Annexure III. <p>No any occupational health related disease reported till.</p>								
(ix)	As proposed in the EMP, green belt must be developed in 75 hac. around the plant in addition to greenery/plantation in 10.54 hac. A norms of 1500-2000 plantation/hac. of diverse species in consultation with state forest/horticulture deptt. can be followed.	<p>Tree plantation is our on-going process. Out of total land 231.94 hectare we have developed green belt in the area of 82.83 hectare which covers around 35.71 % of total area with 22840 nos of trees saplings.</p> <p>Local native species of plants have been planted for increase of survival rate.</p> <ul style="list-style-type: none">• Plantation detail is enclosed as Annexure -IV.								
(x)	A separate environmental management cell with suitably qualified personnel to carry out various environmental management functions should be set up under the control of a senior executive who will report directly to the head of the organization.	Separate environmental management cell has been established with suitably qualified personnel to carry out various environmental management functions under the control of senior executive who is reporting to the whole time director (WTD).								
(xi)	The project authority must set up laboratory facility for collection and analysis of samples under the supervision of competent technical personnel who will directly report to the chief executive.	Well equipped laboratory for environmental monitoring and analysis has been established.								
(xii)	The fund earmarked for environmental management measures should not be diverted for other purpose and year-wise expenditure should be reported to this ministry. A six monthly progress report on the project vis-à-vis environmental measures must be submitted to the state / central authorities.	<ul style="list-style-type: none">• All the pollution control measures have been implemented.• The last three years recurring cost for the environment pollution control is given as below: <table><tr><td>Description</td><td>2017-18</td><td>2018-19</td><td>2019-2020</td></tr><tr><td>Plant</td><td>506.91 Lacs</td><td>670.05 Lacs</td><td>544.02 Lacs</td></tr></table>	Description	2017-18	2018-19	2019-2020	Plant	506.91 Lacs	670.05 Lacs	544.02 Lacs
Description	2017-18	2018-19	2019-2020							
Plant	506.91 Lacs	670.05 Lacs	544.02 Lacs							
(xiii)	The ministry of any other competent authority may stipulate any further condition after	Noted.								

	reviewing the compliance reports. The above conditions will be monitored by the Regional office of this ministry located at Lucknow/CPCB/SPCB with respect to its implementation.	
(xiv)	The ministry may revoke or suspend clearance, if implementation of the stipulated conditions is not satisfactory.	Noted. All the terms and conditions are being implemented and compliance report is being submitted to SPCB/CPCB and MoEF&CC timely.
(xv)	The above conditions will be enforced inter-alia under the water (prevention and control of pollution) Act, 1974, Air (prevention and control of pollution) Act, 1981 and Environment (Protection) Act, 1986 and Public Liability Insurance Act 1991, along with their amendments.	Noted. Complying with water (prevention and control of pollution) Act, 1974 and Air (prevention and control of pollution) Act, 1981 & Environment (Protection) Act, 1986 and public liability insurance act, 1991, along with their amendments.

Annexure: I

Shree Cement Limited,
Unit-II
 Andheri Deori Tehsil-Masuda District-Ajmer, Rajasthan
 Monitored data

1. Ambient Air Quality Monitoring Data :- (Period: Apr 2020 to Sep 2020) :- (All values in $\mu\text{g}/\text{m}^3$)

Location	Plant boundary towards village Sarakana				Plant boundary towards Power Plant				Residential Colony				Main Gate			
Month	PM 10	PM 2.5	SO ₂	NO _x	PM 10	PM 2.5	SO ₂	NO _x	PM 10	PM 2.5	SO ₂	NO _x	PM 10	PM 2.5	SO ₂	NO _x
Apr-20	51	22	6	8	46	28	9	7	44	21	8	7	49	25	7	9
May-20	49	25	7	9	52	31	9	11	46	24	7	8	53	27	8	13
Jun-20	51	27	8	10	55	29	7	10	43	26	6	11	55	22	7	10
Jul-20	49	24	7	9	52	26	7	9	41	22	7	10	51	24	8	12
Aug-20	50	26	6	8	43	21	6	8	39	20	6	8	44	23	7	7
Sep-20	53	23	6.2	7.1	48	28	12	10	40	18.6	5	6	42	19.5	8	8

2. Stack Emission Monitoring data:(Period: Apr 2020 to Sept 2020)

MONTH	All values in (mg/Nm ³)			
	RAW MILL & KILN	COAL MILL	CLINKER COOLER	CEMENT MILL
Apr-20	SD	SD	SD	12.2
May-20	11.3	9.2	10.2	14.2
June-20	9.1	11.7	12.2	18.6
July-20	10.4	6.9	13.8	14.8
Aug-20	12.3	7.5	15.3	14.3
Sept-20	12.1	9.5	15.3	19.2

3. Ambient Noise Level Monitoring Data:- Noise Level (Leq-dB(A)) (Period: Apr 2020 to Sept 2020)

Location	Plant boundary towards village Sarakana		Plant boundary towards Power Plant		Residential Colony		Main Gate	
Month	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Apr-20	52	45.3	48	38	42	32	52	42
May-20	59	43.5	60	52	44	35	59	48
Jun-20	58	42.1	61	49	46	39	62	55
Jul-20	57	45	63	53	52	42	63	53
Aug-20	54	43	58	49	53	43	64	57
Sep-20	55	42.8	59	42	54	41	68	55

4. Fugitive Emission Monitoring Data - Period (April 2020 to Sept 2020)

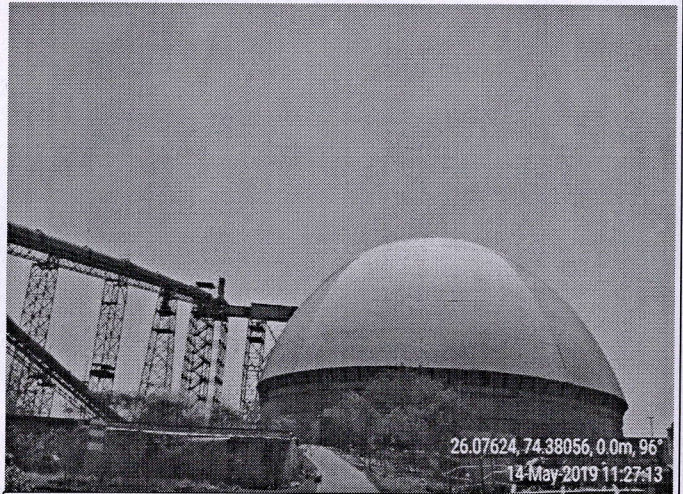
Location	Limestone handling area	Clinker Handling Area	Coal Handling Area	Fly ash handling area	Gypsum Handling area
Month	SPM ($\mu\text{g}/\text{m}^3$)	SPM ($\mu\text{g}/\text{m}^3$)	SPM ($\mu\text{g}/\text{m}^3$)	SPM ($\mu\text{g}/\text{m}^3$)	SPM ($\mu\text{g}/\text{m}^3$)
Apr-20	4928	3885	1926	4793	4074
May-20	4258	4014	1425	4559	4585
Jun-20	4456	4357	1912	3987	4659
Jul-20	4058	4014	1425	4559	4585
Aug-20	4255	4357	1558	4639	3998
Sep-20	4198	4175	1222	4589	4571

Annexure-4

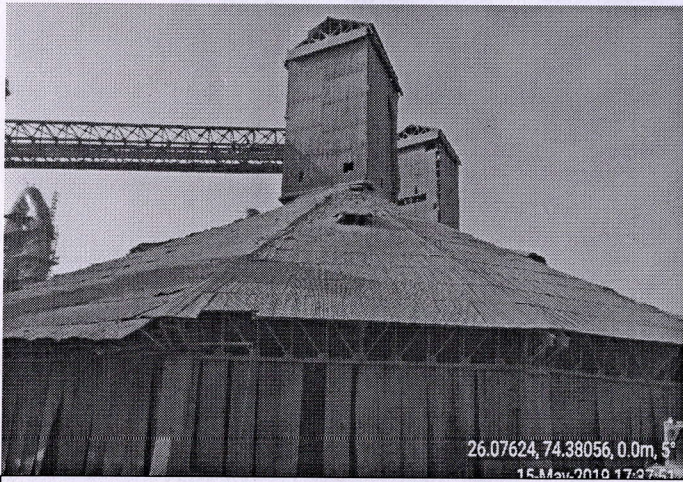
Control Measures adopted for Fugitive Emissions:



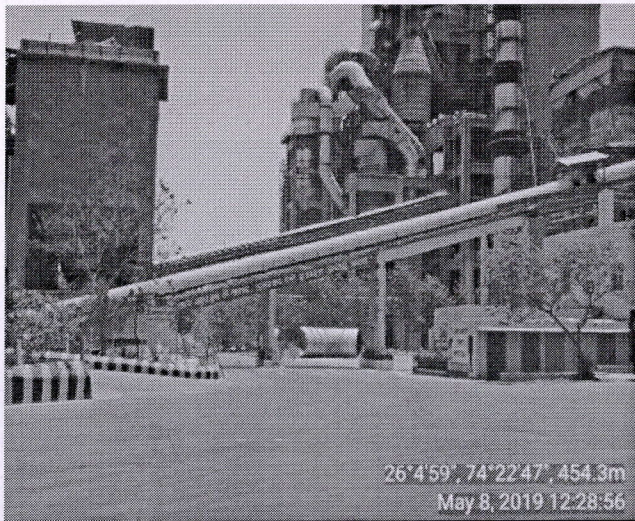
Pucca/Concreted road inside plant



Circular Coal storage area.



Covered Clinker storage Silo.



Closed Conveyors Belt at transferred points



Closed Conveyors Belt at transferred point



Dust collector at transferred Points.

SHREE CEMENT LIMITED,
BANGUR NAGAR, BEAWAR - 305 901

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HEALTH CERTIFICATE

I Dinesh Kumar Kashyap S/o. H.S.Kashyap, aged 52 years a candidate for employment in Shree Cement Limited as Employee. Please examine me for the Suitability for the same.

Date: 22/Feb/2020

D Kashyap

PARTICULARS OF OBSERVATION

1. Height: 169 Cms. 2. Weight: 64 Kgs. 3. Chest: Expiration: 90
BMI: 22.40 Abd: 88 Inspiration: 96
4. Mark of Identification : _____
5. Ear: Right NAD 6. Vision: Right-Eye 6/9 3. Color-Blindness: Negative
Left NAD Left-Eye 6/9 Night-Blindness: Negative
7. Gastrointestinal System: NAD 8. Respiratory System: NAD
9. BP Reading: 132/86 10. Pulse: 86 Blood group: _____
11. CVS: NAD 12. Stool Bile: - Microscope: -
E.C.G. NAD
13. Urine Color: P. Albumin: NIL Sugar: NIL Sp.Gravity: 1.005
YELLOW
14. X-Ray of Chest (P.A.View): NR (X - Ray film attached)
15. Special Investigation, if any No
16. Previous illness, if any, which may interfere in his normal work Nil
17. History of Fits or Epilepsy : Nil
18. Remarks of Medical Officer : FIT FOR JOB

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. Dinesh Kumar Kashyap, S/o. H.S.Kashyap, who is offered appointed in Shree Cement as and found that except Nil.

He/she is not disabled due to any genetic/physical disability. I do not consider him/her unfit for his/her service in Shree Cement.

D Kashyap

Dinesh Kumar Kashyap
(Signature, L.T.I. of candidate)
Place: Beawar

Dr. R. G. Sharma

Dr. R. G. Sharma
Add. G. M. (Health Services)
(Signature of Medical Officer)
MBBS, CH, MBA, MSc. IH, Safety & Environment
Date: 22/Feb/2020
SHREE CEMENT LIMITED, BEAWAR

SHREE CEMENT LIMITED,
BANGUR NAGAR, BEAWAR - 305 901

(Shree Cement Beawar Plant)

HEALTH CERTIFICATE

I vishesh chaturvedi S/o. vijay kumar chaturvedi, aged 23 years a candidate for employment in Shree Cement Limited as Employee. Please examine me for the Suitability for the same.

Date: 15/Sep/2020

Chaturvedi

PARTICULARS OF OBSERVATION

- | | | |
|---|---------------------------------|-------------------------------------|
| 1. Height: <u>171</u> Cms. | 2. Weight: <u>78</u> Kgs. | 3. Chest: Expiration: <u>91</u> |
| BMI: <u>26.67</u> | Abd: <u>90</u> | Inspiration: <u>100</u> |
| 4. Mark of Identification : <u>Birth mark left to umbilicus</u> | | |
| 5. Ear: Right <u>NAD</u> | 6. Vision: Right-Eye <u>6/6</u> | 3. Color-Blindness: <u>Negative</u> |
| Left <u>NAD</u> | Left-Eye <u>6/6</u> | Night-Blindness: <u>Negative</u> |
| 7. Gastrointestinal System: <u>NAD</u> | | 8. Respiratory System: <u>NAD</u> |
| 9. BP Reading: <u>128/76</u> | 10. Pulse: <u>71</u> | Blood group: <u>A +ve</u> |
| 11. CVS: <u>NAD</u> | 12. Stool Bile: <u>-</u> | Microscope: <u>-</u> |
| E.C.G. <u>NAD</u> | | |
| 13. Urine Color: <u>YELLOW</u> | Albumin: <u>NIL</u> | Sugar: <u>NIL</u> |
| 14. X-Ray of Chest (P.A.View): <u>NAD</u> | | Sp.Gravity: <u>1.025</u> |
| (X - Ray film attached) | | |
| 15. Special Investigation, if any <u>NA</u> | | |
| 16. Previous illness, if any, which may interfere in his normal work <u>Over Weight</u> | | |
| 17. History of Fits or Epilepsy : <u>Nil</u> | | |
| 18. Remarks of Medical Officer : <u>FIT FOR JOB</u> ✓ | | |

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. vishesh chaturvedi, S/o. vijay kumar chaturvedi, who is offered appointed in Shree Cement as Employee and found that except Over Weight.

He/she is not disabled due to any genetic/physical disability. I do not consider him/her unfit for his/her service in Shree Cement.

Chaturvedi

vishesh chaturvedi
(Signature, L.T.I. of candidate)
Place: Beawar

R. G. Sharma

Dr. R. G. SHARMA
Add. G. M. (Health Services)
M. O. (Safety & Environment)
SHREE CEMENT
Date: 15/Sep/2020 VAR

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HEALTH CERTIFICATE

I Ramswaroop S/o. Mangi Lal, aged 40 years a candidate for employment in Shree Cement Limited as Contractor. Please examine me for the Suitability for the same.

Date: 02/Mar/2020

21429374

PARTICULARS OF OBSERVATION

1. Height: 183 Cms. 2. Weight: 70 Kgs. 3. Chest: Expiration: 83
BMI: 20.90 Abd: 70 Inspiration: 90
4. Mark of Identification : _____
5. Ear: Right NAD 6. Vision: Right-Eye 6/6 3. Color-Blindness: Negative
Left NAD Left-Eye 6/6 Night-Blindness: Negative
7. Gastrointestinal System: NAD 8. Respiratory System: NAD
9. BP Reading: 128/86 10. Pulse: 107 Blood group: _____
11. CVS: NAD 12. Stool Bile: - Microscope: -
E.C.G. NR
13. Urine Color: P. YELLOW Albumin: NIL Sugar: NIL Sp.Gravity: 1.005
14. X-Ray of Chest (P.A.View): NR (X - Ray film attached)
15. Special Investigation, if any No
16. Previous illness, if any, which may interfere in his normal work Nil
17. History of Fits or Epilepsy : Nil
18. Remarks of Medical Officer : FIT FOR JOB ✓

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. Ramswaroop, S/o. Mangi Lal, who is offered appointed in Shree Cement as and found that except Nil.

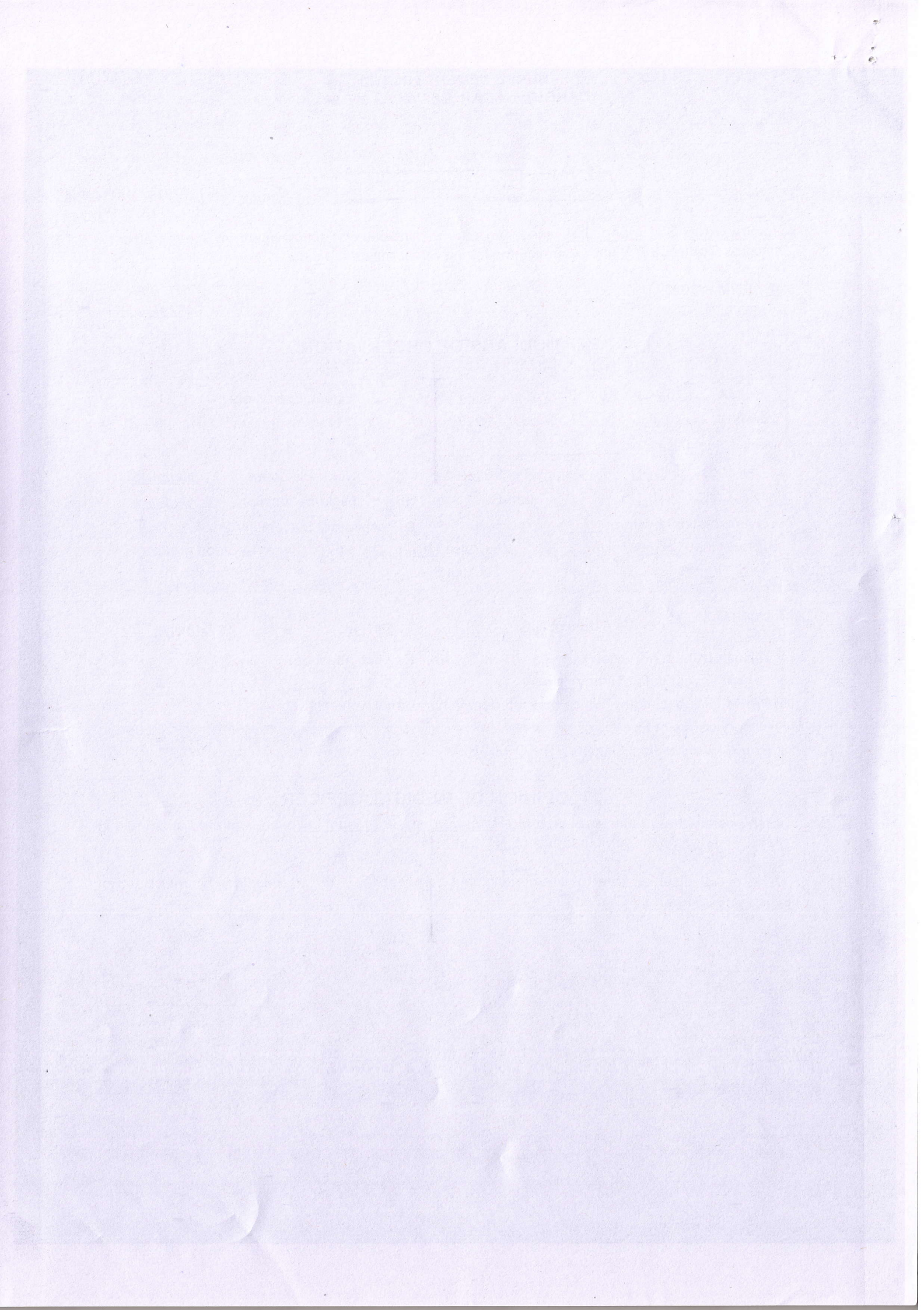
He/she is not disabled due to any genetic/physical disability. I do not consider him/her unfit for his/her service in Shree Cement.

21429374

Ramswaroop
(Signature, L.T.I. of candidate)
Place: Beawar

Dr. R. G. SHARMA

Dr. R. G. SHARMA
Add. G. M. B. S. (Signature of Medical Officer)
SHREE CEMENT LTD.
Date: 02/Mar/2020



Box-IV

S.N	Location	Plantation till March,2020	Tree planted in July,20	Tree planted in Aug,20	Tree planted in Sep,20	Total
1	SMP	228280	0	0	0	0
2	SP		0	0	0	0
3	PLANT		10	0	0	10
4	COLONY		111	0	0	111
Total Plantation Nos.(Upto Sep,20)						228401

