



# SHREE CEMENT LTD.

(SURATGARH CEMENT GRINDING UNIT)

NEAR N.H. NO. 62, VILLAGE-UDASAR, P.O. SURATGARH-335804  
TEHSIL-SURATGARH, DISTT. SRIGANGANAGAR (RAJ.) INDIA

CIN No. : L26943RJ1979PLC001935  
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CIN No.: L26943RJ1979PLC001935

SCL/Suratgarh/MOEF&CC/2020-2021/

Date-17.05.2021

To

The Deputy Director General of Forests (C),  
Ministry of Environment, Forest & Climate Change  
Regional Office (Central Zone), Kendriya Bhawan  
5th Floor Sector, 'H' ALIGANJ,  
Lucknow (U.P.), Pin-226020

**Subject-** Regarding half yearly compliance report (Oct-2020 to March-2021) of the environment clearance letter of Clinker Grinding Unit (Cement, 2.0 Million TPA) at Village Udepur, Tehsil Suratgarh, District Sri Ganganagar, Rajasthan

**Ref:-** Environmental Clearance letter no. F. No. J-11011/293/2008- IA II (I) Dated 19<sup>th</sup> September, 2008.

Dear Sir,

With reference to the above subject matter, we are submitting herewith point wise half yearly compliance report (Oct-2020 to March-2021) Clinker Grinding Unit (Cement, 2.0 Million TPA) at Village Udepur, Tehsil Suratgarh, District Sri Ganganagar, Rajasthan.

This is for your kind information please

Thanking you  
Yours faithfully,

For Shree Cement Limited

*for Arun Agarwal*  
(Arun Agarwal)  
GM (Unit in Charge)  
Encl: As above

1. The Director (Industry), Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi, 110003
2. The Zonal Officer, Central Pollution Control Board, Zonal Office (Central) 3<sup>rd</sup> Floor, Sahkar Bhawan North T.T. Nagar, Bhopal-462003.
3. The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur, Rajasthan, 302004.

**BEAWAR OFFICE :** Bangur Nagar, Post Box No. 33, Beawar 305 901 (Raj.)

Phone : 01462 228101-6, Fax : 01462 228117 / 119

**JAIPUR OFFICE :** SB-187, Opp. Rajasthan University, Bapu Nagar, JLN Marg, Jaipur-302015

Phone : 0141-4241200, 4241204, Fax : 0141-4241219

**NEW DELHI OFFICE :** 122-123, Hans Bhawan, 1, Bahadurshah Zafar Marg, New Delhi 110 002

Phone : 011 23370828, 23379218, 23370776, Fax : 011 23370499

**CORP. OFFICE :** 21, Strand Road, Kolkata 700 001 Phone : 033-22309601-5 Fax : 033 22434226



# SHREE CEMENT LIMITED

Village- Udepur, Tehsil -Suratgarh, District -Sri Ganganagar, (Rajasthan)

## COMPLIANCE STATUS OF ENVIRONMENT CLEARANCE LETTER

NO. : J-11011/293/2008- IA II (I) Dated 19.09.2008 & Project code=100-687-2008

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
i	Other necessary statutory clearances from the concerned Departments including 'No Objection Certificate' from the Rajasthan State Pollution Control Board (RSPCB) shall be obtained prior to commencement of construction and / or operation.	Obtained the following permissions: 1. NOC from CGWA for the withdrawal of 150 KLD ground water vide letter no. CGWA/NOC/IND/REN/2/2021/5902 dated 06/10/2019 (enclosed Annexure-1). 2. Consent to Operate from SPCB vide letter no. : F (Tech)/GANGANAGAR (SURATGARH)/1(1)/2008-2009/5576-5578 Dated 17/12/2018. (enclosed Annexure-2)
ii	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided and limit of SPM shall be controlled within 50 mg/Nm <sup>3</sup> by installing adequate air pollution control system. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with Rajasthan State Pollution Control Board (RSPCB) and reports submitted to the RSPCB, CPCB quarterly and to the Ministry's Regional Office at Lucknow half-yearly.	Opacity meter has been installed for continuous online stack emission measurement of cement mill stack. The data are continuously transferred online at SPCB and CPCB servers. Emission level is well within limit i.e. 30 mg/Nm <sup>3</sup> . Ambient air quality and stack emissions level are measured on regular basis & reports are submitted to the RSPCB, CPCB quarterly and to the Ministry's Regional Office at Lucknow half-yearly.
iii	Bag house and bag filters shall be provided to control particulate matter emissions from various units prescribed by the Rajasthan State Pollution Control Board (RSPCB). At no time, the stack emissions from various sources shall exceed 50 mg/Nm <sup>3</sup> . Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.	Bag house has been installed at the stack of cement mill to control the particulate matter emissions & also bag filters have been provided at all material transfer points & unloading points to control the fugitive emissions. The interlocking facility has been provided in the pollution control system with the cement mill.
iv	Ambient air quality monitoring (AAQM) stations shall be set up as per statutory requirement in consultation with the Rajasthan State Pollution Control Board (RSPCB) and relevant parameters including noise levels shall not exceed the standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with SPCB and reports submitted to the Board quarterly and to the Ministry's Regional Office at Lucknow half-yearly.	Three ambient air quality monitoring (AAQM) stations have been installed in consultation with the RSPCB Regional Officer, Bikaner. Monitoring of ambient air quality and stack emissions is being carried out regularly & reports are submitted to the RSPCB, quarterly and to the Ministry's Regional Office at Lucknow half-yearly. Monitoring results are attached as <b>Annexure-3</b> :
v	The fugitive emissions during loading and unloading shall be suitably controlled. Bag house and bag filters shall be provided to control air emissions. The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points. The dust collected from the pollution control equipment shall be recycled back into the process. Storage of raw material shall be in closed roof sheds. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag loading areas.	Bag filters have been provided at various material transfer points and loading and unloading hoppers to control the fugitive emission. The dust collected in pollution control equipment is recycled back into the process. Fly ash and clinker is stored in silos. All conveyor belts are covered. All roads, truck parking area and cement bag loading areas are concreted.
vi	Impact of transport system due to movement of raw material and finished products on the surrounding environment shall be assessed and all the necessary precautions shall be taken to control dust emissions.	All roads, truck parking area and cement bag loading area are concreted and sweeping of roads is carried out regularly by sweeping machine.
vii	Total water requirement from Indira Gandhi canal / ground water / any other source shall not exceed 250 m <sup>3</sup> /day. All the recommendations/conditions stipulated by SGWB/CGWA/concerned department	NOC from CGWA have been obtained for the withdrawal of ground water of 150 KLD water vide letter no CGWA/NOC/IND/REN/2/2021/5902 dated 06/10/2019. Water consumption is within the 150 KLD. Waste water



	shall be implemented. Efforts shall be made to reduce fresh water consumption by recycling and reusing treated wastewater in the process. No effluent shall be discharged outside the factory premises and 'zero' discharge shall be strictly followed. The domestic wastewater shall be passed through septic tanks followed by soak pits and used for green belt development within the premises.	generated from office toilets & canteen is treated in STP and treated water (analysis report as annexure: 04) is used for plantation.
viii	'Permission' for the drawl of 250 KLD water from Indira Gandhi canal / ground water / any other source shall be obtained from the concerned department / State Ground Water Board / Central Ground Water Authority (SGWB/CGWA).	NOC from CGWA have been obtained for the withdrawal of ground water of 150 KLD water vide letter no CGWA/NOC/IND/REN/2/2021/5902 dated 06/10/2019.
ix	The dust collected from the pollution control equipments shall be 100% recycled and reused in the process itself. Used oil shall be sold to authorized recyclers / reproprocessors only.	Dust collected from dust collectors is recycled back in to the process. Used oil generated as Hazardous Waste from plant machineries is sold to the CPCB authorized recyclers/preprocessors.
x	The company must harvest the rainwater from the roof tops and storm water drains to recharge the ground water. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water.	2 Nos. roof top rain water harvesting structures, One run off rain water harvesting structure (pond) and recharge well have been constructed near truck parking area. We don't have limestone mines as it is standalone clinker grinding unit.
xi	As proposed, green belt shall be developed in at least 33 % area within the plant premises as per the Central Pollution Control Board guidelines in consultation with local DFO.	Out of total land 145350 meter <sup>2</sup> , we have developed green belt in the area of around 40.1% of total area with 5545 nos. of trees & Shrubs.
xii	Permission and recommendations of the State Forest Department regarding impact of proposed expansion on the surrounding Dhabadih RF (1 km, N) shall be obtained and implemented.	There is no Dhabadih RF in surrounding to the Unit.
xiii	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel plants shall be implemented.	Complying with all the recommendations of Corporate Responsibility for Environment Protection (CREP) for the Cement Plant
<b>GENERAL CONDITIONS</b>		
i	The project authority shall adhere to the stipulations made by Rajasthan State Pollution Control Board (RSPCB) and State Government.	Complying with all the stipulations made by the Rajasthan State Pollution Control Board.
ii	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	Yes, for further expansion we shall take prior approval.
iii	The gaseous (SPM, SO <sub>2</sub> , NO <sub>x</sub> , CO) and particulate matter emissions from various units shall conform to the standards prescribed by the Rajasthan State Pollution Control Board. At no time, particulate emissions from the cement plant shall exceed 100 mg/Nm <sup>3</sup> . Continuous on-line monitors for particulate emissions shall be installed. Inter-locking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit(s) is shut down automatically.	Bag house has been installed at the stack of cement mill to control the particulate matter emissions below 30 mg/Nm <sup>3</sup> . Opacity monitor for continuous online particulate emissions monitoring has been installed. Stack emission is within the prescribed norms. Interlocking facility have been provided in pollution control equipment.
iv	Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	No industrial waste water generated from the process. Waste water generated from office toilets & canteen is treated in STP and treated water is used for plantation.



v	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p>Overall noise level in and around the plant area well within the prescribed standards (85 dB (A)). The ambient noise levels are well within the standards prescribed under EPA Rules viz 75 dB (A) (Day time) and 70 dB (A) (Night time.)</p> <p><b>Noise level at Plant boundary dB (A)</b></p> <table><tr><th rowspan="2">S. No.</th><th rowspan="2">Location Month</th><th colspan="2">Plant boundary toward truck parking area</th><th colspan="2">Plant boundary behind CCR building</th><th colspan="2">Plant boundary towards Udepur village.</th></tr><tr><th>Day Time</th><th>Night Time</th><th>Day Time</th><th>Night Time</th><th>Day Time</th><th>Night Time</th></tr><tr><td>01.</td><td>Oct, 20</td><td>58.4</td><td>51.2</td><td>60.2</td><td>49.7</td><td>59.5</td><td>50.2</td></tr><tr><td>02.</td><td>Nov, 20</td><td>59.1</td><td>48.4</td><td>61.4</td><td>50.2</td><td>57.6</td><td>49.5</td></tr><tr><td>03.</td><td>Dec, 20</td><td>60.3</td><td>50.6</td><td>59.7</td><td>53.1</td><td>60.3</td><td>48.1</td></tr><tr><td>04.</td><td>Jan, 21</td><td>60.1</td><td>50.3</td><td>59.4</td><td>50.6</td><td>58.5</td><td>48.2</td></tr><tr><td>05.</td><td>Feb, 21</td><td>55.7</td><td>49.7</td><td>61.1</td><td>49.1</td><td>60.6</td><td>47.5</td></tr><tr><td>06</td><td>Mar, 21</td><td>58.6</td><td>49.2</td><td>62.7</td><td>51.2</td><td>59.3</td><td>50.1</td></tr></table>	S. No.	Location Month	Plant boundary toward truck parking area		Plant boundary behind CCR building		Plant boundary towards Udepur village.		Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	01.	Oct, 20	58.4	51.2	60.2	49.7	59.5	50.2	02.	Nov, 20	59.1	48.4	61.4	50.2	57.6	49.5	03.	Dec, 20	60.3	50.6	59.7	53.1	60.3	48.1	04.	Jan, 21	60.1	50.3	59.4	50.6	58.5	48.2	05.	Feb, 21	55.7	49.7	61.1	49.1	60.6	47.5	06	Mar, 21	58.6	49.2	62.7	51.2	59.3	50.1
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vi	Proper housekeeping and adequate occupational health programmes must be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained properly for at least 30-40 years. The programme must include lung function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.	<p>All roads, truck parking area and cement bag loading area are concreted and sweeping of roads is carried out regularly by sweeping machine.</p> <p>Occupational health and safety measures are being undertaken and periodic monitoring is being conducted for dust exposure level &amp; records of the same are maintained as per factories act including health records.</p> <p>Personnel protective equipments have been provided to all the persons to avoid direct exposure to dust.</p>																																																														
vii	The company shall harvest the rainwater from the roof tops and storm water drains to recharge the ground water. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water.	2 Nos. roof top rain water harvesting structures, One run off rain water harvesting structure (pond) and recharge well have been constructed near truck parking area.																																																														
viii	The company shall undertake eco-development measures including community welfare measures in the project area.	Out of total land 145350 meter <sup>2</sup> , we have developed green belt in the area of around 40.1% of total area with 5545 nos. of trees & Shrubs.																																																														
ix	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/ EMP.	Complying with all the environmental protection measures and safeguards recommended in the EIA/EMP.																																																														
x	As proposed, Rs. 9.00 Crores shall be allocated towards the environment pollution control measures and used exclusively to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Lucknow. The funds so provided shall not be diverted for any other purpose.	<p>Year wise recurring expenditure on EMP is being submitted to the Officials of Regional Office regularly. Expenditure incurred for the year of 2020-2021 is given below:-</p> <table><tr><th>S. N o.</th><th>Particulate</th><th>Oct, 2020-Mar.2021 (Cost in Lac)</th></tr><tr><td>1</td><td>Dust Collectors Installation &amp; maintenance</td><td>0.70</td></tr><tr><td>2</td><td>Horticulture &amp; Water spray</td><td>0.67</td></tr><tr><td>3</td><td>Housekeeping, and Civil Work</td><td>6.35</td></tr><tr><td>4.</td><td>Environment Monitoring &amp; Calibration</td><td>0.54</td></tr><tr><td></td><td><b>Total</b></td><td><b>8.26</b></td></tr></table>	S. N o.	Particulate	Oct, 2020-Mar.2021 (Cost in Lac)	1	Dust Collectors Installation & maintenance	0.70	2	Horticulture & Water spray	0.67	3	Housekeeping, and Civil Work	6.35	4.	Environment Monitoring & Calibration	0.54		<b>Total</b>	<b>8.26</b>																																												
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xi	A separate environmental management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	A separate environmental management cell with full-fledged laboratory facilities has been setup to carry out various management and monitoring functions.																																																														
xii	The Regional Office of this Ministry at Lucknow / Central Pollution Control Board / Rajasthan State Pollution Control Board shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	<p>We extend our full co-operation to the Officers during site visit to monitor the stipulated conditions.</p> <p>Six monthly compliance report being submitted on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office; Lucknow, Central Pollution Control Board and State Pollution Control Board.</p>																																																														



xiii	The Project 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.	Production started from 10/02/2010.
xiv	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 Rajasthan State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Lucknow.	We have informed the public that the project has been accorded the environmental clearance by the Ministry of Environment and Forest, Govt. of India by giving advertisement in two local newspapers namely Rajasthan Patrika & Dainik Navjyoti dated on 24/9/2008 and a copy of the same have been sent to the regional office of the MoEF&CC vide our letter dated 14/10/2008.



Amesha - 01

भारत सरकार  
जल शक्ति मंत्रालय  
जल संसाधन, नदी विकास  
और गंगा संरक्षण विभाग  
केन्द्रीय भूमि जल प्राधिकरण  
Government of India  
Ministry of Jal Shakti  
Department of Water Resources,  
River Development & Ganga Rejuvenation  
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

**NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION**

Project Name:	M/s Shree Cement Ltd.		
Project Address:	M/s Shree Cement Ltd.		
Village:	Udaipur Udasar	Block:	Suratgarh
District:	Ganganagar	State:	Rajasthan
Pin Code:			
Communication Address:	Shree Cement Ltd, Village Ras, Jaitaran, Pali, Rajasthan - 306101		
Address of CGWB Regional Office :	Central Ground Water Board Western Region, 6-a, Jhalana Doongri, Jaipur, Rajasthan - 302004		

1. NOC No.:	CGWA/NOC/IND/REN/2/2021/5902														
2. Application No.:	21-4/322/RJ/IND/2009						3. Category: (GWRE 2017)	Safe							
4. Project Status:	Existing Ground Water						5. NOC Type:	Renewal							
6. Valid from:	06/10/2019						7. Valid up to:	05/10/2022							
8. Ground Water Abstraction Permitted:															
Fresh Water			Saline Water				Dewatering			Total					
m³/day		m³/year		m³/day		m³/year		m³/day		m³/year		m³/day		m³/year	
150.00		51000.00													
9. Details of ground water abstraction /Dewatering structures															
Total Existing No.:2							Total Proposed No.:0								
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu			
Abstraction Structure*	0	0	0	2	0	0	0	0	0	0	0	0			
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps															
10. Ground Water Abstraction/Restoration Charges paid (Rs.):							51000.00								
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers						Monitoring Mechanism								
							Manual	DWLR**	DWLR With Telemetry						
**DWLR - Digital Water Level Recorder	1						0	1	0						

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये  
SAVE WATER - SAVE LIFE



Validity of this NOC shall be subject to compliance of the following conditions:

**Mandatory conditions:**

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells/ dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website ([www.cgwa-noc.gov.in](http://www.cgwa-noc.gov.in)) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m<sup>3</sup>/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/dischage of effluents or any such matter as applicable.

**General conditions:**

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
  - 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
  - 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
  - 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises falling which the firm shall be responsible for any consequences arising thereupon.
  - 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
  - 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
  - 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
  - 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
  - 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
  - 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
  - 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
  - 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
  - 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
  - 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
  - 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
  - 26) In case of new infrastructure projects having ground water abstraction of more than 20 m<sup>3</sup>/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
  - 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
  - 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
  - 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- (Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)



**Head Office (CPM )**  
**Rajasthan State Pollution Control Board**  
**4, Institutional Area, Jhalana Doongari, Jaipur-302 004**  
**Phone: 0141-5159600,5159695 Fax: 0141-5159697**



**Registered**

**File No : F(Tech)/GANGANAGAR(SURATGARH)/1(1)/2008-2009/5576-5578**

**Order No : 2018-2019/CPM/5368**

**Date: 17/12/2018**

**Unit Id : 2266**

**M/s Shree Cement Ltd.**

**Bangur Nagar, Post Box No. 33, , Beawar**

**District:Ajmer**

**Sub: Consent to Operate** under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

**Ref:** Your application for Consent to Operate dated 19/03/2018 and subsequent correspondence.

**Sir,**

**Consent to Operate** under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder **is hereby granted** for your **clinker grinding cement plant** situated at **village Udepur Tehsil:Suratgarh District:Shri Ganganagar**, Rajasthan, subject to the following conditions:-

- 1 That this Consent to Operate is valid for a period from **01/08/2018** to **31/07/2023**.
- 2 That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below.

Particular	Type	Quantity with Unit
CEMENT (CLINKER GRINDING ONLY)	Product	2.00 MILLION TONES PER ANNUM

- 3 That this consent to operate is for existing plant, process & capacity and separate consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
- 4 That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under:





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Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Domestic Sewage	20.000	NIL	20.000 To be treated in STP and to be used in plantation and horticulture
Trade Effluent	60.000	NIL	60.000 Dust Suppression

- 5 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
CEMENT MILL	ADEQUATE AIR POLLUTION CONTROL MEASURES, Bag House	Particulate Matter	30 mg/NM3
D.G set( 125KVA)	ACOUSTIC ENCLOSURE, ADEQUATE STACK HEIGHT	--	--

- 6 That the **clinker grinding cement plant** will comply with the standards as prescribed vide MOEF notification No. GSR 826(E) dated 16th November, 2009 with respect to National Ambient Air Quality Standards.
- 7 That the domestic sewage shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal **Into Inland Surface Water**. The main parameters for regular monitoring shall be as under.





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Parameters	Standards
Total Suspended Solids	Not to exceed 100 mg/l
pH Value	Between 5.5 to 9.0
Oil and Grease	Not to exceed 10 mg/l
Ammonical Nitrogen ( as N )	Not to exceed 50 mg/l
Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l
Chemical Oxygen Demand	Not to exceed 250 mg/l
Nitrate (as NO <sub>3</sub> )	Not to exceed 50 mg/l

- 8 That this consent to operate is valid for the production of cement upto 2.0 Million tons per annum by clinker grinding only at vill--Udepur, Tehsil-Suratgarh, District-Shri Ganganagar.
- 9 That industry shall not produce clinker without prior consent from the State Board and same shall be procured from outside sources.
- 10 That the total capital investment as per the C.A certificate submitted by the unit is Rs.167.30 crores which includes the cost of land, building, plant & machinery, miscellaneous assets and 3 nos of small size burners.
- 11 That all the conditions imposed by MOE&F, New Delhi in the environmental clearance granted vide letter no.F. No- J-11011/293/2008-IA-II(I) dated 19/09/2008 shall be strictly complied with.
- 12 That no fuel other than coal/HSD shall be used without prior permission from the State Board.
- 13 That the industry shall not use petcoke/furnace oil as fuel in compliance to the order dated 17/11/2017 of Hon'ble Supreme Court, wherein ban has been imposed on the use of petcoke and furnace oil in the State of Rajasthan.
- 14 That all the recommendations made in the Charter of Corporate Responsibility for Environment Protection for Cement Plants shall be implemented.
- 15 That for the control of fugitive emission guidelines / code of practice as issued by CPCB will be followed.
- 16 That the industry shall maintain online continuous monitoring system at stack attached to cement mill to monitor the emission level of particulate matter(PM) and connectivity of the same shall be ensured with RPCB/CPCB server whenever plant is operated.





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- 17 That the industry shall maintain stack of adequate height and adequate air pollution control measures at all the sources of air emissions so as to achieve the prescribed emission standards.
- 18 That safe & adequate infrastructure facility in accordance with emission regulation Part-III issued by the Central Pollution Control Board shall be maintained at the stack attached to the cement mill etc for stack emission monitoring.
- 19 That industry shall maintain accoustic enclosures & stack of adequate height with D.G set of 125 kVA capacity.
- 20 That no additional source of air emission shall be installed without prior consent from the State Board.
- 21 That closed conveyor belts shall be provided and maintained for the transfer of material to minimize the fugitive emissions.
- 22 That the industry shall provide and maintain dust collection and extraction system to control fugitive dust emissions at all the transfer points and loading/unloading areas.
- 23 That all the raw materials and products shall be stored in closed covered shed
- 24 That cemented roads shall be provided and maintained inside the premises to minimize the fugitive emissions due to vehicular movements.
- 25 That arrangements for water sprinkling and cleaning of roads by vacuum cleaner shall be ensured to control the fugitive emissions generated due to vehicular movement.
- 26 That the recommendations of the policy briefs related to human health risk due to cement dust exposures shall be complied.
- 27 That the power supply to the production/process shall be interlocked with the pollution control equipment so that in the event of non- functioning of the pollution equipment/or increase in levels of pollutants, the production process stops automatically.
- 28 That separate energy meter & hour meter shall be provided at all the air pollution control measures & ETP/STP and daily record of running hours of pollution control measures and energy consumption shall be maintained in log book separately.
- 29 The industry shall comply with the MoEF, Government of India, Notification dated 14th September 1999 amended upto date relating to fly ash management and shall provide relevant details to the State Board, MoEF, Government of India.
- 30 That industry shall maintain ambient air quality monitoring stations in all directions for monitoring of gaseous emissions and particulate matter in the ambient air and records of the same shall be submitted on quarterly basis to the State Board.





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- 31 That total fresh water consumption shall not exceed to 150 KLD(Cooling-50 KLD, Domestic use-25.00 KLD, Plantation-15.00 KLD & R.O reject-60 KLD)) which shall be sourced from ground water.
- 32 That the industry shall comply with all the conditions imposed in NOC issued by CGWA for the abstraction of ground water vide letter dated 06/10/2016 and get it renewed from time to time.
- 33 That ground water in excess to 150.00 KLD shall not be abstracted without prior permission from CGWA and the State Board.
- 34 That R.O reject(60.00 KLD) shall be used for dust suppression within the premises.
- 35 That water meter shall be maintained at all suitable points to measure the quantity of daily ground water abstracted and consumed for different purposes/uses and record of the same shall be maintained on daily basis separately.
- 36 That domestic waste water generated from the entire plant premises (20 KLD) shall be treated through sewage treatment plant(STP) of 35.00 KLD capacity upto the standards mentioned at condition no. 7 and the same shall be used for plantation/ horticulture within the plant premises.
- 37 That suitable flow measuring devices/ meters at inlet and outlet of STP shall be maintained and record of waste water generation, its treatment and utilization shall be maintained on daily basis.
- 38 That no trade effluent and domestic waste water will be discharged inside or outside the factory premises in to a stream or well or sewer or on land.
- 39 That the industry shall comply with the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and record of daily hazardous waste generation and its disposal shall be maintained.
- 40 That the industry shall carryout effluent sampling/stack monitoring/ambient air quality monitoring and submit quarterly analysis report from the State Board laboratory/ laboratory recognized by Ministry of Environment & Forests (MoE&F), Government of India.
- 41 That suitable measure for rain water harvesting for artificial recharge of ground water shall be taken.
- 42 That the plantation atleast in 33% of total area of the plant premises in and around the cement plant shall be carried out & maintained.
- 43 That the industry shall also ensure the compliance of all the conditions of consent order no.2015-2016/CPM/3347 dated 01/09/2015.
- 44 That the industry shall submit the quarterly compliance report of all the above conditions to the State Board.





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45 That, notwithstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained **under section 27(2) of the Water Act and under section 21(6) of the Air Act** to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of **Air Act & Water Act**.

46 That the grant of this **Consent to Operate** is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.

47 That the grant of this **Consent to Operate** shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This **Consent to Operate** shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the **Water Act and Air Act** and to such other conditions as may, from time to time , be specified, by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of **Consent to Operate** and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears the approval of the competent authority.

Yours Sincerely

Group Incharge[ CPM ]

**Copy To:-**

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Bikaner to ensure the compliance.
- 2 Master File.

Group Incharge[ CPM ]



Ambient Air Quality at Plant Boundary : all values in $\mu\text{g}/\text{M}^3$												
Location Month	Plant boundary toward truck parking area				Plant boundary behind CCR building				Plant boundary towards Udepur village.			
	PM 10	PM 2.5	SO <sub>2</sub>	NO <sub>x</sub>	PM 10	PM 2.5	SO <sub>2</sub>	NO <sub>x</sub>	PM 10	PM 2.5	SO <sub>2</sub>	NO <sub>x</sub>
Oct, 20	47	29	11	10	50	28	12	12	53	29	11	14
Nov, 20	49	30	10	11	49	32	13	14	48	27	9	10
Dec, 20	51	31	13	14	47	34	10	13	49	30	11	12
Jan, 21	48	32	12	14	55	30	14	15	54	33	15	16
Feb, 21	51	27	14	12	53	29	12	13	46	31	13	17
Mar, 21	54	35	16	11	49	32	13	14	51	34	12	14
Stack Emission level (PM in $\text{mg}/\text{Nm}^3$ )												
S. No.	Month				PM ( $\text{mg}/\text{Nm}^3$ )							
1	Oct, 20				21.42							
2	Nov, 20				19.32							
3	Dec, 20				20.74							
4	Jan, 21				23.24							
5	Feb, 21				21.18							
6	Mar, 21				25.32							

Noise level at Plant boundary (in dB (A))						
Location Month	Plant boundary toward truck parking area		Plant boundary behind CCR building		Plant boundary towards Udepur village.	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Oct, 20	58.4	51.2	60.2	49.7	59.5	50.2
Nov, 20	59.1	48.4	61.4	50.2	57.6	49.5
Dec, 20	60.3	50.6	59.7	53.1	60.3	48.1
Jan, 21	60.1	50.3	59.4	50.6	58.5	48.2
Feb, 21	55.7	49.7	61.1	49.1	60.6	47.5
Mar, 21	58.6	49.2	62.7	51.2	59.3	50.1



**Shree Cement Limited,**  
Udepur, Tehsil- Suratgarh, District -Shri Ganganagar, Rajasthan

**STP Treated Water Quality**

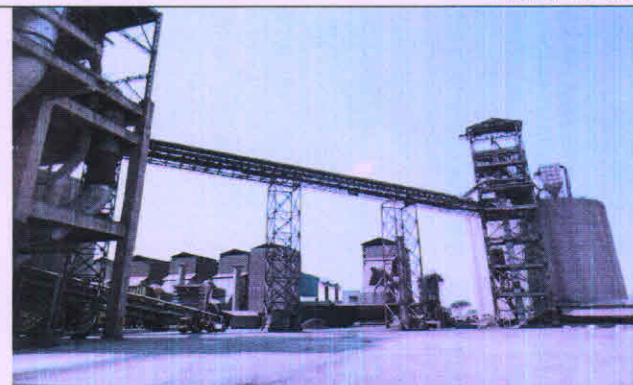
S. No	Parameters	Standards	Observed Value
1	Total Suspended Solids	Not to exceed 100 mg/l	32.0
2	pH Value	Between 5.5 to 9.0	7.24
3	Oil and Grease	Not to exceed 10 mg/l	<4.0
4	Ammoniacal Nitrogen (as N)	Not to exceed 50 mg/l	4.24
5	Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l	20.0
6	Sulphide (as S)	Not to exceed 2.0 mg/l	<1.0
7	Chemical Oxygen Demand	Not to exceed 250 mg/l	69.4
8	Total residual chlorine	Not to exceed 1.0 mg/l	<0.2



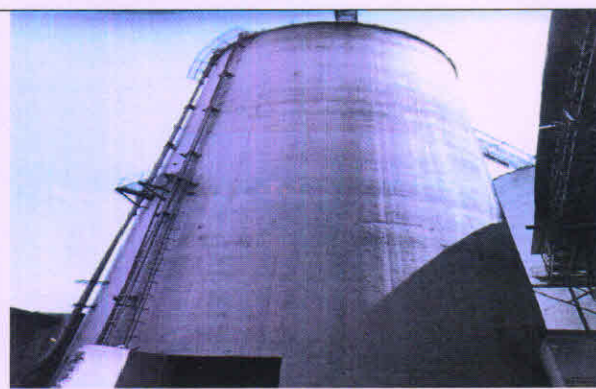
## Plantation Photographs



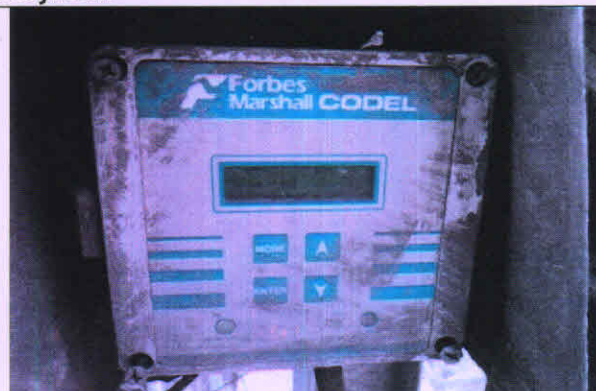
## Covered Conveyor Belt





## Silo



## Installed CEMS System





Installed STP Plant (25 KLD)	TPS Machine
	
Unloading Material Point	
