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SHREE CEMENT LTD.

(SURATGARH CEMENT GRINDING UNIT)

NEAR N.H. NO. 15, VILLAGE-UDASAR, P.O. SURATGARH-335804 TEHSIL-SURATGARH, DISTT. SRIGANGANAGAR (RAJ.) INDIA

SCL/Suratgarh/MOEFCC/2017-18/8408-11



Date:-22/11/2017 Regd Courier

Project code=100-687-2008

To,

CIN No.: L26943RJ1979PLC001935

The APCCF, Head of Dept., Ministry of Environment, Forest & Climate Change Regional Office (Central Zone), Kendriya Bhawan, 5th Floor Sector 'H' ALIGANJ, LUCKNOW (U.P.), Pin-226020.

Sub: - Regarding half yearly compliance report (April.-2017 to Sep.-2017) 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 19th September, 2008

Dear Sir,

With reference to the above subject matter, we are submitting herewith point wise compliance report of above environmental clearance letter of 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 Ltd.

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(Arun Agarwal)

General Manager (Unit In-Charge)

Encl.: a/a: Compliance status of Environmental Clearance letter (Hard Copy & Soft copy in DOC format).

Copy to:-

- 1. The Director (Industry), Ministry of Environment, Forest and Climate Change PrithviBlock, First Floor, Indira Paryavaran Bhawan Jor Bagh Road, Aliganj, New Delhi 110 003.
- 2. The Zonal Officer, Central pollution Control Board, Zonal Office (Central) 3rd Floor, Sahkar Bhawan, North T.T. Nagar, Bhopal-462003.
- 3. The Member Secretary, Rajasthan Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR-302004(Rajasthan)

Page 1 of 7

BEAWAR OFFICE: Bangur Nagar, Post Box No. 33, Beawar 305 901 (Raj.) Phone: 01462 228101-6, Fax: 01462 228117 / 119

JAIPUR OFFICE : A-6, Yudhishter Marg, Opp. Yojana Bhawan. C-Scheme. Jaipur 302 005 Phone : 0141 2382340, 2223917, 2223918 Fax 0141 2224841

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

SHRE CEMENT LIMITED

COMPLIANCE STATUS OF ENVIRONMENT CLEARANCE LETTER

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

					IV		E	B :	<u> </u>	S.No.
						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.	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 ³ . 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.	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/Nm³ 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.	including 'No Objection Certificate' from the Rajasthan State Pollution Control Board (RSPCB) shall be obtained prior to commencement of construction and / or operation.	Other necessary statutory classes for the conditions of the condit
Aug17 58 42 19 22 52 37 13 17 55 42 12 16 Sep-17 58 41 11 16 50 39 9 18 56 40 12 19	50 11 12 20 61 41 8 21 64 46 9	May-17 62 46 19 24 54 42 14 16 56 44 11 24	10 2.5 2 x 10 2.5 2 x	toward truck parking behind CCR building village. PM PM SO NO PM DM CO NO PM	Ambient Air Quality at Plant Boundary : all values in µ /M3	Three ambient air quality monitoring (AAQM) stations have been installed in consultation with the RPCB Regional Officer, Bikaner. Monitoring of ambient air quality and stack emissions is being carried out regularly & reports are submitted to the RSPCB, CPCB quarterly and to the Ministry's Regional Office at Lucknow half-yearly. Monitoring results are given as below:	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.		obtained the following 1. NOC from CGW, vide letter no. 21—(enclosed). Consent to Ope GANGANAGAR	\vdash

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,		10 00	
		Sep-1, 58 41 11 16 50 39	9 18 56 40
		Stack Emission level (PM in mg/Nm³)	(PM in mg/Nm ³)
0		S. No. Ma	PM
		a a	
		3 12 111	10 Mgy.2017 20.62
		6 21 Se	
	ve	Bag filters have been provided at various	arious material transfer
	Ба	loading and	control the fugitive e
	emissions. The company shall install adequate dust collection and	The dust collected in pollution control equipments is recycled back	nd equipments is recyc
∢	extraction system to control fugitive dust emissions at various transfer	into the process. Fly ash and clinker is stored in silos.	is stored in silos. All conveyor
	points. The dust collected from the pollution control equipment shall be	belts are covered. All roads, truck parking area and cement	_
	recycled back into the process. Storage of raw material shall be in closed	loading areas are concreted.	. ,
	material stock yard and cement bag loading areas.		
ē	Impact of transport system due to movement of raw material and	All roads, truck parking area and	and cement bag loading area
ž	all the necessary precautions shall be taken to control dust emissions	concreted and sweeping of roads is carried out regularly by sweeping	ried out regularly by s
	Total water requirement from Indira Gandhi canal / ground water / any	NOC from CGWA have been obtained for the withdrawal of ground	for the withdrawal of
	other source shall not exceed 250 m³/day. All the	water of 150 KLD water vide letter no 21-4 (322)/WR/CGWA/2009-	10 21-4 (322)/WR/CGW
	recommendations/conditions stipulated by SGWB/CGWA/concerned	2186 dated 06 Oct.2016	
VII:	water consumption by recycling and reusing treated wastewater in the	Water consumption is within the 150 KLD. Waste water generated	LD. Waste water gene
	process. No effluent shall be discharged outside the factory premises and	from office tollets & canteen is treated in STP and treated water	in STP and treated wat
	'zero' discharge shall be strictly followed. The domestic wastewater shall	(analysis report as annexure: 01) is used for plantation.	d for plantation.
	be passed through septic tanks followed by soak pits and used for green belt development within the premises		
	'Permission' for the drawl of 250 KLD water from Indira Gandhi canal /	NOC from CCW/A hard hard	
ν <u>:::</u> :	ground water / any other source shall be obtained from the concerned department / State Ground Water Board / Central Ground Water	water of 150 KLD water vide letter no 21-4 (322)/WR/CGWA/2009-2186 dated 06 Oct.2016.	tor the withdrawal of to 21-4 (322)/WR/CGW
	The dust collected from the pollution control equipments shall be 100%	Dust collected from dust collectors is recycled back in to the process	ecycled back in to the
1X	_	Waste water generated from office treated water is used for plantation.	toilets is treating in STP and
		chineries is	sold to the CPCB authorized
	+-	recyclers/preprocessors.	
×		E.	ng structures, One run off rain and recharge well have been
		consulation near or and parking area.	
XI.	_	Out of total land 145350 meter ² we have developed green belt in the	ve developed green be
	wise prairie premises as per the Cellifal Follution Control Board guidelines	area of around 40.1% of total area with 5540 nos, of trees & Shrubs	5540 nos of tre

																	(4		
						٧					iv	iii		Ħ:	ш.		xiii	Xiii	
							75 dBA (day time) and 70 dBA (night time).	prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz.	generation. The ambient noise levels shall conform to the standards	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures	Industrial wastewater shall be properly collected and 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.	from the cement plant shall exceed 100 mg/Nm ³ . nitors for particulate emissions shall be installed. It is provided in the pollution control equipment so the pollution control equipment not working, the hut down automatically.	The gaseous (SPM, SO $_{\rm 2}$, NO $_{\rm X}$, 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	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	The project authority shall adhere to the stipulations made by Rajasthan State Pollution Control Board (RSPCB) and State Government.	GENERAL CONDITIONS	Responsibility for Environment Protection (CREP) for the Steel plants shall be implemented.	g impact of proposed expansion on the surrounding Dhe shall be obtained and implemented.	ion with local DFO.
06.	05.	04.	03.	02.	01.		S.	Noise l	within t	Overall prescrib	Waste v	emissio	Bag hor the par online	Yes, for	Complying Pollution C		for Env	There is	
Sep-17	Aug-17	July-17	June-17	May-17	April-17		Location Month	level at Pl	the stand nd 70 dR	noise le ed stanc	vater ger ated wat	n is with	use has ticulate particula	further	Complying with all the Pollution Control Board.		ing with	s no Dha	2
67.5	68.9	66.6	70.5	71.4	64.8	Day Time	Plant boundary toward truck parking area	ant bound	within the standards prescribed time) and 70 dR (A) (Night time)	vel in a lards (85	nerated fi er is used	in the pr	been ins matter te emiss	expansio	all the black all all the		all the r t Protect	badih RI	
64.8	65.2	62.3	66.3	67.9	61.2	Night Time	Plant boundary toward truck parking area	Noise level at Plant boundary dB (A)	scribed u	nd around dB (A)).	Waste water generated from office toilets and treated water is used for plantation.	emission is within the prescribed norms.	talled at emission mo	n we sha	stipulations		Complying with all the recommends for Environment Protection (CREP)	in surro	
67.2	65.8	63.2	68.2	66.3	62.1	Day Time	Plant be behind CC		ınder EP	nd the p . The am	e toilets itation.	norms.	the stac is. Opaci	ll take pı			Complying with all the recommendations of for Environment Protection (CREP)	ounding t	
65.2	63.4	58.9	65.3	64.9	57.3	Night Time	Plant boundary behind CCR building		A Rules	lant are bient no	& cantee		k of cem ity monii has bee	for further expansion we shall take prior approval	made by th		of Corpc	re is 110 Dhabadih RF in surrounding to the Unit	
69.4	66.2	68.6	70.4	68.6	68.6	Day Time	Plant bour Udepu		within the standards prescribed under EPA Rules viz 75 dB (A) (Day time) and 70 dB (A) (Night time)	Overall noise level in and around the plant area well within the prescribed standards (85 dB (A)). The ambient noise levels are well	n is treat		lent mill tor for contally	oval.	e Rajastl		rate Kesı	it.	
65.6	63.4	61.9	66.3	64.7	62.5	Night Time	Plant boundary towards Udepur village.		(A) (Day	ithin the are well	& canteen is treated in STP		Bag house has been installed at the stack of cement mill to control the particulate matter emissions. Opacity monitor for continuous online particulate emissions monitoring has been installed. Stack		the Rajasthan State		Corporate Responsibility		M

			_	
7	<	7	_	-

		must be taken up. Occupational H. Ith Surveillance programme shall be	concreted and sweeping of roads is carried out regularly by sweeping
	Ţ.	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.	and safety m s being cond are maintair
			Personnel protective equipments have been provided to all the persons to avoid direct exposure to dust.
	¥8		2 Nos. roof top rain water harvesting structures, One run off rain water harvesting structure (pond) and recharge well have been
	VII		11
	VIII	ny shall undertake eco-development measures including welfare measures in the project area.	Out of total land 145350 meter ² , we have developed green belt in the
	ix	all the environmental	Complying with all the environmental protection measures and safeguards recommended in the ETA/EMP
		rds the environment	Year wise recurring expenditure on EMP is being submitted to the
		nditions stipulated by the Ministry of Environment and Forests as well	Officials of Regional Office regularly. Expenditure incurred for the year of 2017-2018 is given below:
	×		S. Heads Year Apri, 2017-Sep.2017) No. (Cost in Lac)
		not be diverted for any other purpose.	1 Dust Collectors Installation & maintenance 12.28
			Horticulture & Water spray
			3 House keeping, and Civil Work 50.98
		-	Total 66.82
	XI.		A separate environmental management cell with full fledged laboratory facilities has been setup to carry out various management and monitoring functions.
		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	We extend our full co-operation to the Officers of the Regional Office during site visit to monitor the stipulated conditions.
2	XII		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 Roard and State Pollution Control Roard
	XIIIX	The Project Authorities shall inform the Regional Office as well as the Ministry, the cate 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.
	viv	nent shall inform the public that the project has been nental clearance by the Ministry and copies of the e available with the Rajasthan State Pollution Control and may also be seen at Website of the Ministry of	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 news papers namely Rajasthan Patrika & Dainik Navjyoti dated on 24/9/2008 and



Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://for.nic.in. This should be advertised a 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.

namely jasthan Patrika & Dainik Navjyoti dated on 24/9/2008 and a copy of the same have been sent to the regional office of the MoEF vide our letter dated 14/10/2008.

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

STP Treated Water Quality

S. No	Parameters	Standards	Ohserved Value
1	Total Suspended Solids	Not to exceed 100 mg/l	28
2	pH Value	Between 5.5 to 9.0	7.19
)		בריארכון טיט ווו טיו	(T.)
C	Oil and Grease	Not to exceed 10 mg/l	<4.0
4	Ammoniacal Nitrogen (as N)	Not to exceed 50 mg/l	3.18
_Ω	Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l	19.0
6	Sulphide (as S)	Not to exceed 20 mg/l	<10
7	Chemical Oxvoen Demand	NI - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	on Peninin	Not to exceed 250 mg/1	55.3
_ ∞	Chlorides	Not to exceed 1000 mg/l	12.9
9	Total residual chlorine	Not to exceed 1.0 mg/l	<0.2

