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Phone : 01462 228101-6
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O/C

SHREE CEMENT LTD.

An ISO 9001, 14001, 45001 & 50001 Certified Company
Regd. Office:
BANGUR NAGAR, POST BOX NO.33, BEAWAR 305901, RAJASTHAN, INDIA

SCL/Env/S.K. Mine/2021-22/ Date: 15/05/2021

To,
The Deputy Director General of Forests (C),
Ministry of Env., Forest and Climate Change,
Integrated Regional Office, Jaipur,
A-209&218, Aranya Bhawan, Mahatma Gandhi Road,
Jhalana Institutional Area, Jaipur – 302004, Rajasthan

Sub: Six monthly Environment compliance of conditions of environmental clearance of Sheopura-Kesarpura Limestone Mines (Captive Mine of M/s Shree Cement Limited) located at village Sheopura and Kesarpura, Tehsil-Masuda, District Ajmer (Rajasthan)

Ref: - Environment Clearance letter No. J-11015/170/2004-IA-II (M) dated 31/3/2005.

Dear Sir,

In reference to the above subject matter and referred letter, we are submitting herewith the point wise compliance of conditions of above environmental clearance for the period from Oct-2020 to Mar-2021.

This is for your kind information please.

Thanking you,

Yours faithfully,

For Shree Cement Limited

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

Cc to: -
1. The Director (Mining), Ministry of Environment and Forest, Indra Paryavaran Bhawan, Jorbag Road, New Delhi-110003.
2. The In-Charge (Zonal Office), Central Pollution Control Board (CPCB), Vithal Market, Paryavaran Parisar, E-5 Arera Colony, 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

COMPLIANCE OF CONDITIONS OF ENVIRONMENT CLEARANCE LETTER NO. J-11015/170/2004-IA.II (M) DATED 31/3/2005 OF SHEOPURA-KESARPURA LIME STONE MINE OF M/s SHREE CEMENT LIMITED, BEAWAR ,AJMER-RAJSTHAN PERIOD OF COMPLIANCE LETTER: Oct-2020 to Mar-2021		
S. No.	**Conditions**	**Compliance Status**
A.	**Specific Conditions**	
i	Top soil shall be stacked properly with proper slope at ear marked site(s) with adequate measures and should be used for greenbelt development.	There is no Top soil. Limestone is exposed on surface. However if interstitial clay is found, is used for green belt development.
ii	OB and other wastes should be stacked at earmarked sites only and should not be active for long periods of time.	OB is being stacked at earmarked dump site only and OB is continuously used for green belt development.
	Plantation should be taken up for soil stabilization along the slopes of the dump and reclaimed.	Dumps are made of lumps and boulder materials free from soil and are well stabilized.
	Sedimentation pits should be constructed at the corners of the garland drains. The surface run-off should be de-silted through a series of check dams and drains before final disposal.	Waste dumps are on hill slopes and between valleys forming natural garland drains. Check dams have been constructed for desilting the surface run off. As absence of soil in waste dumps, the silting is negligible.
	OB should be stacked at earmarked external OB dumpsites only in an area of 88 ha within the ML area and shall be a maximum height of 30 m only and consist of 3 benches of 3 m each.	OB is being stacked at earmarked dump site in an area of 88 ha within ML area.
	Ultimate slope of the dump shall not exceed 28 deg. Monitoring and management of rehabilitated dump sites should continue until the vegetation becomes self-sustaining.	The benching is being done in such a way that at the time of maturity of the waste dump the ultimate slope of dump will be around 28 degrees.
	Compliance status to be submitted to MOEF Delhi/Lucknow on yearly basis.	Six monthly compliance status is being regularly submitting to MOEF Delhi and Lucknow.
iii	Catch drains and siltation ponds of appropriate size and check dams should be constructed to arrest silt and sediment flows from the mining operations. The drains should be regularly desilted and maintained properly.	Excavation due to mining operation is similar to an open pit surrounded by hanging wall, foot wall and working faces. There is no out flow from pit.
	Garland drain (size, gradient & length) shall be constructed for both mine pits and for waste dumps. Sump capacity should be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains.	Garland drain at waste dump is made. There is no out flow from the pit, hence it is not required. Bottom benches are acting as sump of quite high capacity adequate for peak sudden rain fall. Already 8 benches have been opened. All rain water collected in pits is used in mining activities & plantation.
iv	Plantation and Green belt should also be raised all around ML area, OB site and road side etc	Plantation has been done on stabilized OB dump, road sides and on other parts of non-

	covering total area of 158 ha by planting native plant species in consultation with local DFO/ Agriculture Department. At least 2000 plant species/ha should be planted.	mineralized ML area and it is in progress. 87841 trees have been planted in 60.4 hectare area till March-2021
v	Drills should be wet operated.	Wet drilling is being done.
vi	Controlled blasting should be practiced and only during day time. The mitigative measures for control of ground vibration to arrest the fly rocks and boulders should be implemented.	Controlled blasting is being done by using shock tube detonators. With this, there is reduction of noise, vibration and fly rock due to blasting.
vii	It should be insured that the higher benches of the excavated pit/voids covering an area of 160 ha and being converted into water reservoir are terraced to make the slope gentler and plantation done to stabilize the slopes. Peripheral fencing shall be done along the excavated area.	Higher benches constructed into water reservoir are terraced. Peripheral fencing has been done.
S.No.	**Conditions**	**Compliance Status**
viii	Measures for rain water harvesting and recharge of water table within the lease area shall be undertaken in consultation with the SGWB/Regional office of the CGWB.	5 numbers of check dams have been constructed to arrest rain water and recharge ground water table. Surface water flow near the pit has been diverted towards the pit and this accumulation recharges ground water table. The compliance report of the same along with photograph has been submitted vide dated 22/10/2005.
ix	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new peizometers at suitable locations in project area. The frequency of monitoring should be at least four times a year - pre-monsoon (April/May), monsoon (August), post-monsoon (November), and winter (January) seasons for groundwater level and in May for groundwater quality. Data generated from groundwater regime monitoring will be submitted to CGWB, Southern Office on an annual basis.	Water level and quality monitoring network has been established. Monitoring data for the year of 2020 have been submitted to the CGWB & MoEF
x	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.	Not applicable as mine is still active.
xi	Consent to Operate should be obtained from the SPCB before commencing production.	Following Consents have been obtained from the State Board. 1). Consent to operate S.K. Mines from RSPCB has been obtained vide letter no. F (Mines)/Ajmer (Masuda)/1161(1)/2017-

		2018/2761-2765 dated 03/07/2017 valid till 31/03/2022. 2). Consent to operate Crusher (800 TPH) has also been obtained from RPCB vide letter No. F(Tech)/Ajmer(Masuda)/5051(1)/2019-2020/1168-1169 dated 09/09/2020 valid till 31/07/2025.
xii	Digital processing of the entire lease area using remote sensing techniques should be done regularly once in three years for the monitoring land use pattern and report submitted to MOEF & its Regional Office at Lucknow.	Report on Digital processing of lease area using remote sensing technique , imaginary collected from Indian remote sensing satellite Resources Sat 2 on December 2016 has been submitted on 19/03/2018.
xiii	The Proponent shall earmark a separate fund of 1% of the total project cost subject to a minimum of Rs. 50,000/- for eco development measures including community welfare measures in the project area. The amount shall be deposited by the Company in a separate account within three months to be maintained by the Rajasthan State Pollution Control Board. The action plan in this regard shall be submitted to the SPCB, MOEF and its Regional Office at Lucknow within three months of issue of this letter. After approval of the action plan by the SPCB, the amount deposited shall be released in two installments to the project authorities based on progress of implementation. The SPCB shall ensure that implementation of the action plan for eco-development measures is completed within two years from date of its approval by SPCB. Further, the interest accrued during this period on the amount deposited by the proponent with the SPCB shall be ploughed back to the same eco-development fund.	Rs. 10.64 lacs was deposited in RSPCB Jaipur, copy of the same has already been submitted to MOEF vide our letter dated 16/6/2005 but the same amount has been returned by the RSPCB based on withdrawn of this condition by the ministry.
B.	**General Conditions**	
S.No.	**Conditions**	**Status**
i	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests	Open cast mining, with controlled blasting, wet drilling, crushing with water sprinklers and wet limestone transportation through conveyer belts.is being practiced. Prior approval will be taken for any change.
ii	No change in the calendar plan including excavation, quantum of limestone, waste should be made.	No change in calendar plan has been made; all activities are as per Approved mining plan.

iii	Data on ambient air quality (RPM and SPM) should be regularly submitted once in a year to the Ministry and its Regional office, Lucknow and the Rajasthan State Pollution Control Board / CPCB once in a six month.	Monitoring of ambient air quality is being carried out regularly and monitored data are being submitted to SPCB on quarterly basis and while half yearly to the MoEF & CPCB. Monitored data from Oct-2020 to Mar-2021 are enclosed as **Annexure-I.**
iv	Fugitive dust emissions from all sources should be controlled regularly. Water spray arrangement on haul roads, wagon loading, and dump trucks (loading & unloading) should be provided and properly maintained.	Fugitive dust emissions from all sources are controlled regularly by adopting following measures: • Water spray arrangement on haul roads and unloading is provided and properly maintained. • All movement road made concreted • Atomized water sprinkler being used for unloading of dumper at crusher. • Good plantation has been done on stabilized OB dump, road side and on other parts of non-mineralized ML area and it is in progress. • Regular maintenance of haul road is done by using road compactor.
v	Adequate measures should be taken for control of noise levels in the work environment.	Adequate measures like regular maintenance of mining equipment's, green belt development and use of personnel protective equipment's are being taken for control of noise levels at the work environment. Noise monitoring report enclosed as **Annexure-I.**
vi	Industrial waste water, if any should 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.	Waste water generated from the office toilets is discharged into soak pit via septic tank; clear water is being used for dust suppression.
vii	Occupational health surveillance programme of the workers should be undertaken periodically to observe any contraction due to exposure to dust and take corrective measures, if needed.	Occupational health surveillance programme of all the employees including the workers is being taken up periodically. Occupational health record enclosed as **Annexure-II.**
viii	The funds earmarked for environmental protection measures should be kept in separate account and not diverted for any other purpose. Year-wise expenditure should be reported to this Ministry's Regional office, Lucknow.	Yearly expenditure on EMP is being submitted to the Regional Office regularly. Expenditure incurred during the year of 2018-19 was Rs. 79.91 Lacs. Expenditure for the year of 2019-20 was Rs. 93.64 Lacs.
ix	The Regional Office (CZ) of this Ministry located at Lucknow shall monitor compliance of the stipulated environmental conditions. The	We extend our fullest co-operation to the Officers of the Regional Office and furnish all requisite data time to time and shall extend full

	project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	co-operation in future also.
x	A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.	Copy of the consent letter has been handed over to SURPANCH of village Lulwa and Jhak . The same has been informed to the Ministry vide letter dated 4/7/2005.
xi	The project authorities should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within 7 days of issuance of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment and forests at htttp://envfor.nic.in	Published on 07-04-2005 and copy of the same has been sent to Ministry vide our letter dated 11/4/2005.

Annexure: 1

M/s SHREE CEMENT LIMITED,
BEAWAR, AJMER-RAJSTHAN

SHEOPURA-KESARPURA LIME STONE MINE

1. **Ambient Air Quality Monitoring Data :-**
   (Period Oct-2020 to Mar-2021) :-

Location → Month ↓	Monitored Result in (μg/M³)				
	Near Mines Office				
	PM_{10}	$PM_{2.5}$	SO_2	NO_x	CO
Oct-2020	50	31	6	10	BDL
Nov-2020	52	29	7	11	BDL
Dec-2020	51	31	6	10	BDL
Jan-2021	55	29	8	12	BDL
Feb-2021	53	33	8	9	BDL
Mar-2021	54	35	8	9	BDL

2. **SPM Monitoring Data:-**
   (Period Oct-2020 to Mar-2021) :- (All values in μg/m3)

Location Month	**Near Mines Crusher**	**Mines phase**
	SPM	SPM
Oct-2020	472	487
Nov-2020	496	463
Dec-2020	438	452
Jan-2021	482	478
Feb-2021	485	466
Mar-2021	438	482

3. Noise Level (Average Leq. Db(A) :-

Month	Near Mines crusher		Nr. Miness Phase	
	Day time	Night time	Day	Night
Oct-2020	52.5	48.9	50.9	46.8
Nov-2020	51.2	47.6	52.7	48.9
Dec-2020	50.7	47.5	52.9	46.7
Jan-2021	53	48	51.2	44.6
Feb-2021	54.5	47.8	53.1	44.5
Mar-2021	52.5	46.3	54	45

SHREE CEMENT LIMITED,
BANGUR NAGAR, BEAWAR - 305 901

HEALTH CERTIFICATE

I **Shyam Lal Prajapat** S/o. **Sh.Mohan Lal**, aged **45** years a candidate for employment in Shree Cement Limited as **Employee**. Please examine me for the Suitability for the same.

Date: **30/Oct/2020**

PARTICULARS OF OBSERVATION

1. Height: 167. Cms. 2. Weight: 67 Kgs. 3. Chest: Expiration: 82
   BMI: 24.02 Abd: 82 Inspiration: 93
4. Mark of Identification : OLD AMPUTED RT RING FINGER
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: 126/82 10. Pulse: 74 Blood group: O +ve
11. CVS: NAD 12. Stool Bile: - Microscope: -
    E.C.G. SHORT PR INTERVAL
13. Urine
    Color: P.Yellow Albumin: Absent Sugar: Absent Sp.Gravity: 1.015
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 : Consult Eye Specialist; Consult ENT Specialist; | Pterigium both eyes RPT ECG

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. Shyam Lal Prajapat, S/o. Sh.Mohan 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.

Shyam Lal Prajapat
(Signature, L.T.I. of candidate)
Place: Beawar

Dr. S.N. Pandey
(Signature of Medical Officer)
Date: 30/Oct/2020

Dr. Shreeniwas Pandey
Addl. GM (Health Services)
Shree Cement Ltd., Beawar
MBBS, PG Dip.
(Preventive & Promotive Healthcare)