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SHREE CEMENT LTD.







Regd.Office & Works BANGUR NAGAR, POST BOX NO.33, BEAWAR 305 901, RAJASTHAN, INDIA

Shree Cement Ltd., Village Akabarpur Oud, Tehsil, Laksar, Distt. Haridwar (Uttarakhand)-247663

SCL/RGU/ENV/EC/2017-18/

Date: 15/11/2017 Th. Courier

To Dr. S.C. Katiyar, Government of India, Ministry of Environment, Forest & Climate Change, North Central Regional Office, 25th Subhash Road, Dehradun – 248001, Uttarakhand.

Sub:- Reg. Half Yearly Compliance Report of the Environment Clearance from Apr-17 to Sep-17 for Clinker Grinding Unit of Shree Cement Ltd. situated near Village Akabarpur Oud, Tehsil Laksar, Distt. Haridwar, Uttarakhand.

Ref: - Environmental Clearance letter no. SEIAA-EC-1/2009/35 Dated 8th June, 2009

Dear Sir,

With reference to the above subject matter, we are submitting herewith the point wise compliance report of above environment clearance conditions for Clinker Grinding Unit of Shree Cement Ltd situated near Village Akabarpur Oud, Tehsil Laksar, Distt. Haridwar, Uttarakhand.

This is for your kind information please. Thanking you, Yours faithfully,

For Shree Cement Ltd., Laksar For Shree Cement Ltd., Laksar

Authorised Signators

(Kundan Singh) (Unit In-Charge)

Encl.: EC Compliance Report

Copy to:-

1. Director, IA Division, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, New Delhi - 110 003 (India).

2. Director, (Monitoring Cell), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, New Delhi - 110 003 (India).

3. The Member Secretary, Uttarakhand Environment Protection and Pollution Control Board, 29/20 Nemi Road, Dalanwala, Dehradun, (Uttarakhand).

> JAIPUR OFFICE: A-6, Yudhishter Marg, Opp. Yojana Bhawan, C Scheme, Jaipur 302 005 Phone 0141 2362340, 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

SHREE CEMENT LIMITED

Village- AkabarpurOud, Tehsil -Laksar, Distt.Haridwar, (Uttarakhand)-247663

Name of the Project : Compliance Status of Environment Clearance Clearance Letter No. : SEIAA-EC-1/2009/35 Dated 8th June, 2009

Period of Compliance Report : Apr-17 to Sep-17

Speci	fic Conditions						
Sr.	Conditions Compliance Status						
i	The particulate matter emissions from various sources shall not exceed 50 mg/Nm³. The fugitive emissions during loading and unloading shall be suitably controlled. Bag house/ filters shall be provided to control air emissions to achieve the prescribed standards.	particulate matter emissions. PM emission level is well within 30 mg/Nm ³ per MOEF Gazette Notification dated 25th Aug-2014. Bag filters have been					
ii	The locations of ambient air monitoring stations shall be set up as per statuary requirement in consultation with the Uttarakhand Environment Protection & Pollution Control Board and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated. The findings of the air quality monitoring shall be displayed in display board at appropriate locations.	The locations forambient air monitoring have been set up in consultation with the Uttarakhand Environment Protection & Pollution Control Board and data of air quality monitoringare being displayed at factory main gate.					
iii	The company shall obtain permission for drawl of 150m³/day ground water from the Central Ground Water Authority/ Central Ground Water Board and copy of the same shall be submitted to the State Level Environment Impact Assessment Authority and Uttarakhand Environment Protection and Pollution Control Board within three months from date of issue of this letter.	We have obtained permission for drawl of 150m³/day ground water from the Central Ground Water Authority their vide letter No. Letter No. 21-4(24)/UR/CGWA/2009-1300 dated 12 th Aug-2015 valid for three years. A copy of the same has been submitted to the State Level Environment Impact Assessment Authority and Uttarakhand Environment Protection and Pollution Control Board.					
iv	Green belt shall be developed at least in 33% of plant area to mitigate the effect of fugitive emissions all around the plant as per the guidelines of Central Pollution Control Board.	Green belt development is ongoing process. Total plant area is 109600 meter ² out of which plantation has been completed in 38.5% area with 8305 nos. of plants. This period, 225 nos. trees planted and 205 nos. survived.					
V	The project authorities shall transport the raw materials and cement in covered means to avoid fugitive emission during transport, with arrangement of dust collector at all the material transportation points	Raw materials & cementarebeing transported by covered conveyor belts/air slides & dust collectors are provided at various material transfer points to control the fugitive emission.					
vi	All the roads shall be concreted and vacuum sweeped and concerned conveyor belt shall be provided for handling of material.	All roads & truck parking area are concreted and vacuum sweeping machine are usedon regular basis. Covered conveyor belts are provided for handling of material.					
vii	All the recommendations mentioned in the CREP guideline for the cement plants shall be followed and complied, and compliance report shall be forwarded to State Level Environment Impact Assessment Authority and State Board.	All CREP conditions are complied and followed. Compliance report submitted to the State Level Environment Impact Assessment Authority and State Board.					
viii	This Clearance is valid only for clinker grinding; the unit will not install any cement kiln.	Yes, this clearance is valid only for clinker grinding & we will not install any cement kiln.					
GENERAL CONDITIONS							
Sr.	Conditions	Compliance Status					
i	The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statuary body.	Yes, we are complying with all the stipulations made by the UEPPCB, CGWA &state government or any statuary body.					

ii	All other necessary statutory clearance from the concerned Departments including No Objection Certificates from the Uttarakhand Pollution Control Board (Uttarakhand PCB) shall be obtained prior to commencement of construction and/or operation No further expansion or modifications in the plant shall be carried out	We have obtained consent to operate from Uttarakhand PCB prior the plant operation vide Board's Consent no. 37130/767 and HW Authorization no. 767 vide letter no. UEPPCB/HO/Con-S/191/2017/412 dt 20/06/2017. This is valid upto 31.03.2018 Yes, for further expansion or modification we shall take prior approval from												
	without prior approval of the competent authority. In case of deviations or alterations in the project proposal from those submitted to this competent authority for clearance, a fresh reference shall be made to the authority to assess the adequacy of conditions imposed & to add additional environmental protection measures required, if any.	the concerned authority.												
iv	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Stack emission level is well within the prescribed limit of 50 mg/Nm³. Bag house is attached with cement mill which is always in operation with cement mill. Online monitoring system is provided with cement mill bag house. Data of stack emissions is given below: Cement Mill Bag House Stack; Limit – 30 (mg/Nm³)												
		S. No.		Month	ag III		<u> </u>			mg/N		•···· <i>)</i>		
		1		Apr-17					(.	24	/			
		2		May-17						20				
		3		Jun-17						25				
		4		Jul-17						19				
		5		Aug-17						18				
		6		Sep-17						23				
V	The gaseous emissions (SO ₂ , NOx) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time and values obtained shall be displayed in display board.	Ambient air quality is monitored according to prescribed standards of board and values are being displayed at the factory main gate. Data of Ambient Air Quality Monitoring is given below: Ambient Air Quality at Plant Boundary in µg/m³												
		Location Main Gate CCR Building Diesel Pump					np							
		Para-			SO2	NOx	PM 10	PM 2.5	SO2	NOx	PM 10	PM 2.5	SO2	NOx
		Meters Annual I	→								10			
		Month		0 40	50	40	60	40	50	40	60	40	50	40
		Apr-17	7 48	8 31	8.7	9.2	45	27	9.1	9.5	50	34	9.2	9.6
		May-1	7 49	9 30	8.4	8.9	43	28	9.1	9.4	51	31	8.9	9.4
		Jun-17	7 52	2 32	8.6	8.7	48	29	9.2	9.2	53	36	9.4	9.3
		Jul-17	4	7 31	9.0	9.4	44	29	9.2	9.5	54	33	9.1	9.2
		Aug-1	7 44	4 30	8.4	8.9	40	28	8.9	9.4	48	33	9.0	9.7
		Sep-1	7 46	6 32	9.1	9.4	43	30	9.2	9.9	52	34	9.6	10.2
vi	 The company shall undertake following Waste Minimization measures. Reuse of by-products from the process as raw materials or as raw materials substitutes in other processes. Use of Closed pneumatic system for transport of fine materials. All Venting systems shall be connected with dust arresting equipment. Dust collect in pollution control equipment shall be reused. 	There is r bag filters										ist co	ollect	ed in

vii	Fugitive emissions in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control	ns prescribed guideline of CPCB. Monitoring data are given below:					ding to				
	Boards/ Central Pollution Control Board.										
		(Limits: 5000 μg/m ³)									
		Month→ Location↓	Apr	May	Jun	Jul	Aug	Sep			
		Raw Material Handling	3456	3740	3918	2932	2636	3115			
		Cement Mill Area	3704	4080	4293	3263	2860	3242			
		Packing Plant Area	3872	4498	4620	3355	3033	3499			
	well within the standards 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 Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	within the prescribed standards (85 dB (A). The ambient noise levels a well within the standards prescribed under EPA Rules viz. 75 dB (A) (I time) and 70 dB (A) (Night time.) Data of Noise Level Monitoring inside factory premises, D.G. Set & at plant boundary is given below: Noise Level Inside the Premises :All values in dB (A) Limits: Day Time – 75 dB (A); Night time – 70 dB (A)					A) (Day side the				
		Day time: 06:00 AM-10:00 PM & Night time: 10:00 PM to 06:00 A) AM				
		Months → Apr N	/lay	Jun	Jul	А	ug	Sep			
		Time→ Day Night Day Main Gate 66.4 57.3 67.3 CCR Building 63.5 56.4 64.4 Diesel Pump 65.2 57.6 63.5	58.6 6 57.2 6 58.1 6	8.3 59.7 2.6 56.5 5.4 57.1	66.3 58 60.4 54 64.2 58	3.7 65.4 4.3 59.6 3.6 63.7	58.6 66 53.2 67 56.5 64	5.2 57.3 1.5 52.4			
		Noise Level Inside the Premises :All values in dB (A)									
		Limits: Work Zone - 85 dB (A); D.G. Set - 75 dB (A)				1					
		S. Months→ N. Locations↓	Apı			Jul	Aug	Sep			
		1. Cement Mill Area	78.6		77.2	76.4	77.1	75.6			
		2. Packing Plant	63.7		65.3	66.2	67.3	64.5			
		3. Compressor House	76.2	_	76.5	78.3	76.2	76.2			
		4. Raw Material Handling	64.6		63.8	64.5	65.2	64.8			
		5. Near Weigh Bridge	61.7		60.6	63.6	62.1	63.2			
		6. Truck Parking Area7. D.G. Set Area	62.8		69.6	62.2	59.7 68.5	60.4			
ix	The company shall develop rain water harvesting structures to harvest the runoff water for recharge of ground water.	Rain water harvesting structuof rooftop & concreted area Water Harvesting capacity is	for rech	arge of	ground						

Occupational health and safety measures shall be undertaken.

Periodic monitoring for exposure to dust on the workers should be

conducted and records maintained including health records of the

workers. The company shall engage a doctor who is trained in

occupational health.

Personnel protective equipment have been provided to all the persons to

avoid direct exposure to dust. Occupational health and safety measures are

being undertaken and periodic monitoring is being conducted for monitor the dust exposure on the workers & records of the same are maintained as

per factory's act including health records of the workers.

xii xii	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval followed by its implementation. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. The project authorities shall earmark adequate fund to implement the conditions stipulated by the environment impact assessment authority as well as the state government. An implementation	SCL/ENV/HARIDWAR/2009-10/11845 dated 21/6/2009; Total plant area is 109600 meter ² out of which plantation has been completed in 38.5% area with 8305 nos. of plants. This period, 225 nos. trees planted and 205 nos. survived. Financial assistance to the nearby villages for development of basic infrastructure such as education & medical facilities. Yes, we have set up a separate environmental management cell with full fledged laboratory to carry out the various management and environment monitoring functions. We have adequate funds to implement the conditions stipulated by the environment impact assessment authority as well as the state government.						
	schedule for all the conditions stipulated herein shall be submitted to	SI. No. Heads Cost (In Lacs)						
	the authority. The funds so provided shall not be diverted for any other purpose.	1 Environment Monitoring & Compliances 4.13						
	ourse parposer	2 Air Pollution Maintenance 12.16 3 Horticulture 2.87						
		4 Housekeeping and Civil Work 14.99						
		5 STP (Operation & Maintenance) 0.31						
		Total 34.46						
	The implementation of the project vis-à-vis environmental action plans shall be monitored by the team of authority. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	y during site visit. Submitting herewith the six monthly compliance statu						
xv	The project proponent shall inform the public that the project has been accorded environmental clearance by the authority and copies of the clearance letter are available with the SPCB may also be seen at Website of the State Board. This shall be advertised within seven days from the date of issue 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 SEIAA and State Board.	environmental clearance by the Ministry of Environment and Forest, Govt. of India by advertisement in three news papers namely 1. Badri Vishal, 2. DainikHak and 3. The Hawk dated 13/6/2009 and a copy of the same has been sent to the SEIAA and State Board vides our letter no. SCL/ENV/HARIDWAR/2009-10/11845 dated 21/6/2009.						
xvi	The project authorities shall inform the authority as well as the SPCB, the date of financial closure & final approval of the project by the concerned authorities & the date of start of the project.	Production started on 02/03/2010.						
xvii	The authority may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	All the conditions of Environment Clearance are complied.						
xvii i	The authority reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.							
xix	This Environment clearance is valid for the period of five year from the date of issue of environment clearance or up to commissioning of the project whichever is earlier.							