



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/Nawalgarh/MoEF&CC/Plant/2022-2023

10th November, 2022

To,

Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Jaipur, A-209&218, Aranya Bhawan,
Mahatma Gandhi Road, Jhalana Institutional Area,
Jaipur - 304002, Rajasthan

Sub: - Half yearly compliance status of conditions stipulated in environmental clearance granted for Cement Plant with production capacity 2.0 million TPA Clinker, 4.0 million TPA cement, 25 MW CPP, 20 MW WHRS along with D.G.Sets of 2000 KVA (1000/500/250/125 KVA) located at village-Gothra, Tehsil-Nawalgarh, District-Jhunjhunu (Rajasthan) of Shree Cement Limited.

Ref: Environment Clearance Letter No. J-11011/1173/2007- IA II (I) Dated 03/02/2021

Dear Sir,

Kindly refer to the above subject matter and referred letters. We are submitting herewith the compliance status conditions stipulated in referred Environment Clearance of M/s. Shree Cement Limited with production capacity 2.0 million TPA Clinker, 4.0 million TPA cement, 25 MW CPP, 20 MW WHRS along with D.G. Sets of 2000 KVA (1000/500/250/125 KVA) located at village-Gothra, Tehsil-Nawalgarh, District-Jhunjhunu (Rajasthan) from April-2022 to September-2022.

This is for your kind information please.

Thanking you,
Yours faithfully,
For Shree Cement Limited,

(Dr. Anil Kumar Trivedi)
Asstt. Vice President & Head - Environment

Copy to:-

- 1. The Director (Industry) Ministry of Environment, Forest & CC, Indira Paryavaran Bhawan, Jor Bagh Road, All Ganj, New Delhi-110003
- 2. Zonal Officer, Central pollution Control Board, Zonal Office (Central) Vithal Market, Paryavaran Parisar, E-5, Area Colony, Bhopal, Madhya Pradesh 462016
- 3. The Member Secretary, Rajasthan Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR-302004 (Rajasthan).

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**Compliance Status of conditions
Of**

Environment Clearance

Vide Letter No.

J-11011/1173/2007- IA II (I) Dated 03/02/2021

**by Shree Cement Limited, Village- Gothra, Tehsil- Nawalgarh, District-
Jhunjhunu (Rajasthan) For the period of April - 2022 to September-2022**

S. No.	Conditions	Compliance Status
Specific Conditions		
i	Alternate fuel shall be used. The company will make arrangement for utilization of non-biodegradable waste (including Plastic) as RDF for co-processing in cement kiln in consultation and approval from local Gram Panchayat.	Based on the availability of waste i.e. Chemical sludge form waste water treatment/ ETP/CETP, waste Distillation residue, Residual Waste, Spent Catalyst, Spent Carbon, Spent Solvent, Process Waste or residues etc. in nearby area will be used as AFR. Proper storage and feeding system will be installed for proper utilization of waste. Prior authorization will be obtained from local Gram Panchayat and RSPCB.
ii	Organic Waste Converter will be installed in Gothra Village as Pilot Project in consultation and approval from local Gram Panchayat.	Noted, Organic Waste Converter will be installed in Gothra Village as Pilot Project in consultation and approval from local Gram Panchayat.
iii	The project proponent shall obtain the necessary permission from the competent authority concerned for drawl of groundwater before commencement of work.	<p>Permission for withdrawal of 1200 KLD groundwater has been obtained from CGWA vide letter No. 21-4 (258)/WR/CGWA/2008-567 dated 05th August, 2008.</p> <p>Renewal of NOC has been obtained from CGWA vide letter No. CGWA/NOC/IND/REN/1/2022/7128 dated 01st January, 2021, Valid up to 31/12/2023.</p> <p>Copy of NOC and its renewal is enclosed as Annexure – 1</p> <p>STP treated water of Nagar Palika, Nawalgarh will also be used, for which an agreement has been made on 21st July, 2020 between Shree Cement Ltd. and Nagar Palika, Nawalgarh for supply of 3 MLD treated sewage water to meet the requirement of non-potable industrial applications.</p>

iv	Dioxin/furan to be monitored by NABL accredited laboratory half yearly basis and report shall be furnished to the RO.	Dioxin/furan will be monitored by NABL accredited laboratory on half yearly basis and monitoring report will be furnished to the RO.																												
v.	Stack emissions (PM) from all kilns shall not exceed 30 mg/Nm ³ .	PM emissions from stack will be maintained below 30 mg/Nm ³ , all major sources of air pollution (i.e. Raw Mill & kiln, Clinker cooler, Coal Mill, Cement Mill, CPP Boiler) will be provided with requisite Air Pollution Control Equipment's such as Bag House, Bag filters & ESP.																												
vi	Action plan to address the issues raised during public hearing shall be implemented and compliance status shall be furnished to the RO on six monthly basis.	Action plan will be addressed on implemented and compliance status of issues raised during public hearing will be furnished to the MOEF&CC IRO, Jaipur on six monthly basis.																												
vii	PTFE bags shall be used in filter bag house and designed for 150% of normal design air flow.	Noted, PTFE bags will be used in filter bag house and designed for 150% of normal design air flow.																												
viii	PP shall use ultralow NOx burner with three stage combustion, flue gas recirculation and auto combustion control system.	Ultralow NOx burner with three stage combustion, flue gas recirculation and auto combustion control system will be installed.																												
ix	200 % rain water recharging shall be carried out as committed by the PP.	200 % Rain water recharge will be carried out in Plant and ML area as given below:																												
		Water requirement = 1200 Cum/day = 404750 Cum/annum																												
		Total working days = 330/365 days																												
		Plant & Residential area = 1457100 Sqm, Mine area = 6240000 Sq. m.																												
		<table><tr><th>DETAIL</th><th>AREA (Sq.m.)</th><th>R.C.</th><th>E.R. (Cum/annum)</th></tr><tr><td>Rooftop</td><td>32000</td><td>85%</td><td>12985</td></tr><tr><td>Paved</td><td>608000</td><td>70%</td><td>203181</td></tr><tr><td>Open area Plant (Natural recharge)</td><td>817100</td><td>10%</td><td>39008</td></tr><tr><td>Open area Mine (Natural recharge)</td><td>6240000</td><td>10%</td><td>297897</td></tr><tr><td>Recharge through water used for green belt development</td><td>200 cum</td><td>30%</td><td>21900</td></tr><tr><td colspan="3">Total</td><td>574971</td></tr></table>	DETAIL	AREA (Sq.m.)	R.C.	E.R. (Cum/annum)	Rooftop	32000	85%	12985	Paved	608000	70%	203181	Open area Plant (Natural recharge)	817100	10%	39008	Open area Mine (Natural recharge)	6240000	10%	297897	Recharge through water used for green belt development	200 cum	30%	21900	Total			574971
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<i>Proposed Rainwater harvesting structures</i>																														
▪ Twenty injection wells/Existing open wells with desalting and filter pit for rooftop and paved area.																														
x	All roads in the plant shall be paved and industrial vacuum cleaners shall be used regularly to clean roads to reduce fugitive emissions.	All the roads inside the plant premises will be concreted. Regular sweeping of all the roads and floors will be done by vacuum sweeping machine. Sprinkling of water through tankers will be done on bare lands and roads. Speed of vehicles within the plant premises will be limited to 20 km/hr.																												

B. General conditions

I. Statutory Compliance:

i.	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	Noted. Will be complied.
II. Air quality monitoring and preservation		
i.	The project proponent shall install 24x7 Continuous Emission Monitoring System (CEMS) at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	<p>Continuous emission monitoring system (CEMS) will be installed for the measurement of PM, SO₂ and NO_x level at the kiln and boiler stack.</p> <p>Opacity meters shall be installed at the stack of Kiln, cement mill, coal mill, clinker cooler and boiler for the measurement of PM.</p> <p>CEMS will be connected to RSPCB and CPCB online servers and these systems will be calibrating from time to time. CAAQMS will be connected to RSPCB server.</p> <p>Ambient air quality monitoring report carried out by NABL/ MOEF&CC accredited lab is attached as Annexure - 2</p>
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Noted, fugitive emissions will be monitored in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
iii.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Noted, will be complied
iv.	Ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash;	Transportation of raw material will be covered and trucks will be covered with tarpaulin to prevent spillage of material. Bag filters will be provided at all the material transfer points. Transportation of clinker to the clinker silo will be done through covered conveyor belt and fly ash to fly ash silo will be done pneumatically from tankers. Closed bulkers will be used for carrying fly ash.
v.	Provide wind shelter fence and chemical spraying on the raw material stock piles; and	Coal and Pet coke will be stored in covered shed and area
vi.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport	Noted, will be complied.

vii.	Ventilation system shall be designed for adequate air changes as per the prevailing norms for all tunnels, motor houses, and cement bagging plants.	Ventilation system will be provided as per the prevailing norms for all tunnels, motor houses, and cement bagging plants.
III. Water quality monitoring and preservation		
i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25 th August, 2014 (Cement) and subsequent amendment dated 9 th May, 2016 (Cement) and 10 th May, 2016 (in case of Co-processing Cement) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Noted, Continuous Effluent Monitoring System will be installed & connected to RSPCB & CPCB online servers and calibrate these systems from time to time. No industrial effluent will be generated from cement manufacturing process. Domestic Effluent will be generated from toilets, kitchen, and canteen. The waste water will be treated in STP & used in green belt development. Power plant waste water will be used in dust suppression.
ii.	The project proponent shall regularly monitor ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Ground Water quality will be monitored regularly at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories. Ground water quality monitoring is being carried out by NABL approved lab. Reports are enclosed as Annexure-3 .
iii.	Adhere to 'Zero Liquid Discharge'.	Noted, will be complied to 'Zero Liquid Discharge' as the cement manufacturing process is based on Dry process technology, generation of process waste water is nil. CPP & RO reject water will be 100 % recycled back in process to mill spray for dust suppression and domestic utilities will be treated in STP and used for green belt & plantation development
iv.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	The Sewage Treatment Plant (STP) of capacity 100 KLD for Plant and 250 KLD for Colony using FAB Technology will be installed for treatment of waste water generated from domestic use. Treated water will be used for Greenbelt Development & plantation development.
v.	Garland drains and collection pits shall be provided for each stock pile to arrest the runoff in the event of heavy rains and to check the water pollution due to surface run off	Noted, will be complied
vi.	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Noted, will be complied

vii.	The project proponent shall make efforts to minimize water consumption in the cement Plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Cement manufacturing process is based on Dry process technology, CPP & RO reject water will be 100 % recycled back in process to mill spray for dust suppression and domestic utilities will be treated in STP and used for green belt & plantation development
IV. Noise monitoring and prevention		
i.	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Noted, Noise quality will be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report will be submitted to Regional Officer (Central Region, MoEF&CC), Jaipur as a part of six-monthly compliance report.
V. Energy Conservation measures		
i.	Waste heat recovery system shall be provided for kiln and cooler.	Noted, proposed to install Waste Heat Recovery System (WHRS) of 20 MW for re-utilization of the exhaust gases from the Pre-heater/ Cooler to generate electric power and consequently reduce consumption of grid power. The project will contribute to the more efficient use of energy and will reduce reliance on exhaustible fossil fuel.
ii.	The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.	Noted, will be complied
iii.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Noted, will be complied
iv.	Provide the project proponent for LED lights in their offices and residential areas.	Noted, will be complied
v.	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	Fly ash and slag will be blended with clinker to produce PPC and PSC respectively and it conserves large amount of limestone reserves
vi.	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.	Pet coke will be used as feed stock to conserve natural coal in Kiln. Based on the availability of waste i.e. Chemical sludge from waste water treatment/ETP/CETP, waste Distillation residue, Residual Waste, Spent Catalyst, Spent Carbon, Spent Solvent, Process Waste or residues etc. In nearby area will be used as AFR.
VI. Waste management		
i.	Used refractories shall be recycled as far as possible.	Used Refractory bricks will be recycled /Disposed off to external vendors for their use in other industries.
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Bio-degradable/Kitchen waste will be converted into organic manure by installation of Organic Composting machine (Capacity:200 kg/day) and manure will be used for plantation/greenbelt development .

VII. Green Belt		
i.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Agreed. We have already started plantation as per Guidelines, Total 1750 Nos. plants sapling have been done in plant area. Photographs as Annexure -4
ii.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Noted, will be complied.
VIII. Public hearing and Human health issues		
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted, Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan will be implemented.
ii.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Heat stress analysis will be carried out for the workmen who work in high temperature work zone and Personal Protection Equipment (PPE) will be provided to the workers as per the norms of Factory Act.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Occupational health surveillance of the workers will be done on a regular basis and records of the same will be maintained.
IX. Corporate Environment Responsibility		
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.	Rs. 16.3 Crores has been earmarked for implementation of the commitments made during Public Hearing, as per OM dated 30 th Sept., 2020. This amount will be complied during operation phase.
ii.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Agreed, Environmental policy duly approved by the Board of Directors is enclosed as Annexure-5 and copy of the board resolution is also Annexure-6

iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	A separate Environmental Management Cell (EMC) is established at project level and this is directly in reporting to company head quarter level for better handling of environment related issues. Frame of EMC is enclosed as Annexure-7 .
X. Miscellaneous		
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Environmental Clearance information has been published in two local Newspapers i.e. Dainik Bhaskar and Rajasthan Patrika on dated 07.02.2021. Copy of News Paper Advertisement is enclosed as Annexure-8 .
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Agreed and we have submitted the copy of environmental clearance letter to Gram Panchayat-Gothra, Nagar Palika- Nawalgarh, Zila Parishad-Jhunjhunu, Tehsildar- Nawalgarh and District Collector- Jhunjhunu, Rajasthan.
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted, status of compliance of the stipulated environment clearance conditions, including results of monitored data on Shree Cement Ltd. website and update the same on half-yearly basis.
iv.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Noted, will be complied.
v.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Noted, will be complied.
vi.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted, will be complied.

vii.	The project proponent 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, commencing the land development work and start of production operation by the project.	Noted, will be complied.
viii.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted, Commitments & recommendations made in the EIA/EMP report and commitment made during Public Hearing will abide.
ix.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agreed and Noted.
x.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed and Noted.
xi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed and Noted.
xii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed and Noted.
xiii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Agreed and Noted.
xiv.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed and Noted.



भारत सरकार
केंद्रीय भूमि जल अधिकरण
जल संसाधन मंत्रालय
Government of India
Central Ground Water Authority
Ministry of Water Resources
N/A/ND/Proj/2008-391

Dated:-

To
 L. Mis Shree Cement Ltd.
 Post Box No.33, Bangur Nagar,
 Beawar-305601, Rajasthan

Subj: - NOC for ground water withdrawal in respect of M/s Shres Cement Ltd., for their limestone mining, integrated cement plant at Gathra village, Nawalgarh block, Jhunjhunu district, Rajasthan-reg.

Sir,
Kindly refer to your letter No. SCL/Gothra/Env/2008-08/2179 dated 21.4.2008 on the above-stated subject, based on recommendations of Regional Director, CGWB, Jaipur Region, Jaipur vide their office letter No. TS/2/12/2010/CGWB/Env/2008-616 dated 16-2-2008 and further deliberations on the subject the NOC of Central Ground Water Authority for proposed withdrawal is hereby accorded to M/s Shri. Gothra village, Nawalgarh block, Jaipur district, Rajasthan. The NOC is, however subject to the following conditions:-

1. The firm may abstract 1200 m³/day of ground water through existing ten (10) tubewells only. No new additional ground water abstraction structures to be constructed for this purpose without prior approval of the CGWA.
2. The ground water shall not be utilized for power generation at any stage.
3. The tubewells to be fitted with water meter by the industry at its own cost and monitoring of ground water abstraction to be undertaken accordingly on regular basis, at least once in a month. The ground water quality to be monitored twice in a year during pre-monsoon and post-monsoon periods.
4. **M/s. Shree Cement Ltd.**, shall in consultation with the Regional Director, Central Ground Water Board, Western Region, Jaipur implement ground water recharge measures to the tune of 0.6675 MCM/year for augmenting the ground water resources of the area. The completed and the artificial recharge structures may be done within six months period from the date of issuance of this letter.

A2 W3 Canton Road Barracks, Kasturba Gandhi Marg, New Delhi-110061
Phone No. (011) 23387882, 23285820, Fax No. 23388315 E-mail: ogwa@vsnl.com

To
The Member Secretary,
Central Ground Water Authority,
18/11, Jamnagar House,
Mansingh Road New Delhi-110011

Sub: Extension of NOC for groundwater withdrawal to the tune of 1200 m³/day for M/s Shree Cement Ltd. for integrated project for manufacturing of 2.0 million TPA clinker, 3.0 million TPA cement, along with air cooled CPP 3.2 MTPA limestone mine and Residential colony at village- Gothra, Block-Newalgarrh, District-Jhunjhunu (Raj)- reg.

Ref: 1) This office letters no. TS/21B(535)/CGWA/2012-4364 dated 08.05.2018
2) Firm's letters no. SCI/CGWA/Gothra/2017-18 - dated 30.04.2018

Sir,

This has reference to above said letter dt. 08.05.2018 and your office mail dated 26.09.2018 regarding extension of NOC for M/s Tree Cement Ltd. for Integrated project for manufacturing of 2.0 million TPA clinker, 3.0 million TPA cement, along with air cooled CPP, 3.2 MTPA Limestone mine and Residential colony at village- Gothra, Block-Nawalgarh, District-Jhunjhunu. R/C NOC for groundwater withdrawal was granted by the CGWA vide letter no. 214-(258)/WR/CGWA/2008-472 dated 28.04.2011. Since the Industry falls in the notified block Nawalgarh; District Jhunjhunu the letter from District Collector Jhunjhunu along with the inspection report from District Advisory Committee is attached. It is indicated in the inspection report that presently no water withdrawal taking place as project work not started so far. The company is requesting for extension of NOC.

Therefore request for extension of NOC of M/s Shree Cement Ltd. for above said project is recommended.

Yours faithfully

(Dr. S. K. Jain)
Regional Director

Copy to

22/ Shree Cement Ltd. Post Box no.22, Bangur Nagar, Bhubwar, 769001, Odisha.

(Dr. S.K. Jain)
Regional Director

6. The photographs of the recharge structures after completion of the same are to be furnished immediately to the Regional Director, Central Ground Water Board, Western Region, Jaipur for verification and under intimation to this office.
7. There is to be installed piezometers at suitable locations and execute ground water regime monitoring programme in and around the project area on regular basis to keep a close watch on water level trends for taking suitable measures to keep water level controlled and within the safe limit in consultation with the Central Ground Water Board, Western Region, Jaipur.
8. The ground water monitoring data in respect of S. No. 3 & 6 to be submitted to Central Ground Water Board, Western Region, Jaipur on regular basis, at least once in a year.
9. The firm shall ensure proper recycling and reuse of wastewater after adequate treatment.
10. Action taken report in respect of S. No. 1 to 8 may be submitted to CGWBa within one-year period.
11. The permission is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 9.

This approval is valid for two years from date of issuance of this letter. Upon review of status of compliance of the above conditions after two years, decision for revalidation of approval will be conveyed accordingly.

Yours faithfully

Member Secretary

Copy for information to:

1. Sh. P. B. Regal, Director, Ministry of Environment & Forests (I.A. Division), Paryavaran Bhawan, GGO Complex, Lodhi Road, New Delhi-110003. This has reference to your letter no. J-1101/17/23/2007-I.A.(I) dated 15-3-2008.
2. The Chairman, Rajasthan Wildlife Conservation Control Board, 4 Institutional Area, Jhalana Dongri, Jaipur, Rajasthan.
3. The Regional Director, CGWB, Western Region, Jaipur. This has reference to your letter No. TS/218/2005/CGWB-WR/2008-518 dated 16-6-2008.
4. The TS to Chairman, CGWB, NH-V, Faridabad.

Member Secretary

No TS/21B/535XCGWA/2012-1851

Government of India
Central Ground Water Board
Western Region, 6A, Jhalapur Durgam
Jaipur-302004
Date: 12.08.2010

To
The Member Secretary,
Central Ground Water Authority,
18/11, Jamnagar House,
Mansingh Road New Delhi-110011

Sub: Extension of NOC for groundwater withdrawal to the tune of 1200 m³/day for M/s Shree Cement Ltd. for integrated project for manufacturing of 2.0 million TPA clinker, 3.0 million TPA cement, along with air cooled CPP 3.2 MTPA limestone mine and Residential colony at village- Gothra, Block-Newalgarrh, District-Jhunjhunu (Raj)- reg.

Ref: 1) This office letters no. TS/21B(535)/CGWA/2012-4364 dated 08.05.2018
2) Firm's letters no. SCI/CGWA/Gothra/2017-18 - dated 30.04.2018

Sir,

This has reference to above said letter dt. 08.05.2018 and your office mail dated 26.09.2018 regarding extension of NOC for M/s Tree Cement Ltd. for Integrated project for manufacturing of 2.0 million TPA clinker, 3.0 million TPA cement, along with air cooled CPP, 3.2 MTPA Limestone mine and Residential colony at village- Gothra, Block-Nawalgarh, District-Jhunjhunu. R/C NOC for groundwater withdrawal was granted by the CGWA vide letter no. 214-(258)/WR/CGWA/2006-472 dated 28.04.2011. Since the Industry falls in the notified block Nawalgarh; District: Jhunjhunu, the letter from District Collector Jhunjhunu along with the inspection report from District Advisory Committee is attached. It is indicated in the inspection report that presently no water withdrawal taking place as project work not started so far. The company is requesting for extension of NOC.

Therefore request for extension of NOC of M/s Shree Cement Ltd. for above said project is recommended.

Yours faithfully

(Dr. S. K. Jain)
Regional Director

Copy to

22/ Shree Cement Ltd. Post Box no.22, Bangur Nagar, Bhubwar, 769001, Odisha.

(Dr. S.K. Jain)
Regional Director

Revised
भारत सरकार
जल संचित मंत्रालय
जल संचयन, 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:	Gothra	Block:	Nawalgarh
District:	Jhunjhunu	State:	Rajasthan
Pin Code:			
Communication Address:	Shree Cement Limited, Bangur Nagar, Post Box No. 33, Beawar, Masooda, Ajmer, Rajasthan - 30501		
Address of CGWB Regional Office :	Central Ground Water Board Western Region, 6-A, Jhalana Doongri, Jaipur, Rajasthan - 302004		

1. NOC No.:	CGW/ANOC/INDREN/1/2022/7128											
2. Application No.:	21-4258/RJIND/2008					3. Category: (GWRE 2020)	Over Exploited					
4. Project Status:	Existing Ground Water					5. NOC Type:	Renewal					
6. Valid from:	01/01/2021					7. Valid up to:	31/12/2023					
8. Ground Water Abstraction Permitted:												
Fresh Water			Saline Water			Dewatering			Total			
m ³ /day	m ³ /year		m ³ /day	m ³ /year		m ³ /day	m ³ /year		m ³ /day	m ³ /year		
1200.00	438000.00											
9. Details of ground water abstraction /dewatering structures												
Total Existing No.:10						Total Proposed No.:0						
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	10	0	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.):												
780800.00												
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		2		0				1				

(Compliance Conditions given overleaf)

1811, जयमंगल हाउस, मागीर रोड, नई दिल्ली - 110011 | 1811, Jangmagar House, Mangir Road, New Delhi-110011
Phone: (011) 23853501 Fax: 23842951, 2386743
Website: qpsa-nac.gov.in
जलो बचाव - जीवन बचाव
SAVE WATER - SAVE LIFE


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 Environmental Consultants and Analytical Laboratory
 (An ISO 9001:2015 Certified Company)

 Office & Laboratory : 324/1, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Distt-NCR) INDIA.
 Contact No. : 011-269116, 9810243670, 9810243670 E-mail : info@ekoengineers.com, ekoengineers@gmail.com, ekoengineers@yahoo.com, ekoengineers@rediffmail.com
TEST REPORT**Ambient Air Quality Monitoring**

Test Report No. : EKO/148/220622
 Issued To : SHREE CEMENT LIMITED - Gothra Limestone Mine
 Village - Gothra
 Tehsil - Nawalgarh District- Jhunjhunu
 Rajasthan

Sample Description : Ambient Air
 Sample Drawn on : 20/06/2022 To 21/06/2022
 Sample Drawn by : EPEPL (Mr. Monu Yadav)
 Sample Received on : 22/06/2022
 Sampling Location : Nawalgarh Mine Toward E Pillar South Direction
 Sampling Time : 24.0 Hrs.
 Sampling Plan & Procedure : SOP-AAQ/15
 Analysis Duration : 22/06/2022 To 27/06/2022
 Ambient Temperature (°C) : 37.0
 Average Flow Rate of SPM (m³/min.) : 1.1
 Average Flow Rate of Gases (lpm) : 1.0
 Weather Conditions : Clear
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	56.4	µg/m³	100.0
2	Particulate Matter (PM2.5)	EKO/CHEM/SOP/AAQ-01	58.8	µg/m³	60.0
3	Sulphur Dioxide (as SO₂)	IS: 5182 (P-2)	11.2	µg/m³	80.0
4	Nitrogen Dioxide (as NO₂)	IS: 5182 (P-6)	19.8	µg/m³	80.0
5	Carbon Monoxide (as CO)	IS: 5182 (P-10)	0.82	mg/m³	4.0
6	Arsenic (as As)	EKO/CHEM/SOP/AAQ-02	<5.0	ng/m³	6.0
7	Mercury (as Hg)	EKO/CHEM/SOP/FL-082	<0.1	µg/m³	-

Notes :

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- Responsibility of the Laboratory is limited to the invoiced amount only.

** End of Report **

For EKO PRO ENGINEERS PVT. LTD.

 PURNIMA CHAUHAN
 TECHNICAL MANAGER
 (Authorized Signatory)

Page 1 of 1

 Analytical Services : Analysis of Environmental Parameters, Soil, Water, Air, Noise, Leather Products, Petroleum & Mining Material Samples in Biological, Chemical, Physical & Microbial Analysis.
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TEST REPORT**Ambient Air Quality Monitoring**

Test Report No. : EKO/148/220622
 Issued To : SHREE CEMENT LIMITED - Gothra Limestone Mine
 Village - Gothra
 Tehsil - Nawalgarh District- Jhunjhunu
 Rajasthan

Sample Description : Ambient Air
 Sample Drawn on : 20/06/2022 To 21/06/2022
 Sample Drawn by : EPEPL (Mr. Monu Yadav)
 Sample Received on : 22/06/2022
 Sampling Location : Nawalgarh Mine Toward E Pillar
 Sampling Time : 24.0 Hrs.
 Sampling Plan & Procedure : SOP-AAQ/15
 Analysis Duration : 22/06/2022 To 27/06/2022
 Ambient Temperature (°C) : 37.0
 Average Flow Rate of SPM (m³/min.) : 1.1
 Average Flow Rate of Gases (lpm) : 1.0
 Weather Conditions : Clear
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	56.4	µg/m³	100.0
2	Particulate Matter (PM2.5)	EKO/CHEM/SOP/AAQ-01	58.8	µg/m³	60.0
3	Sulphur Dioxide (as SO₂)	IS: 5182 (P-2)	11.2	µg/m³	80.0
4	Nitrogen Dioxide (as NO₂)	IS: 5182 (P-6)	19.8	µg/m³	80.0
5	Carbon Monoxide (as CO)	IS: 5182 (P-10)	0.79	mg/m³	4.0
6	Arsenic (as As)	EKO/CHEM/SOP/AAQ-02	<5.0	ng/m³	6.0
7	Mercury (as Hg)	EKO/CHEM/SOP/FL-082	<0.1	µg/m³	-

Notes :

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For EKO PRO ENGINEERS PVT. LTD.

 PURNIMA CHAUHAN
 TECHNICAL MANAGER
 (Authorized Signatory)

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 Contact No. : 011-269116, 9810243670, 9810243670 E-mail : info@ekoengineers.com, ekoengineers@gmail.com, ekoengineers@yahoo.com, ekoengineers@rediffmail.com
TEST REPORT**Ambient Air Quality Monitoring**

Test Report No. : EKO/253/090922
 Issued To : SHREE CEMENT LIMITED - Gothra Limestone Mine
 Village - Gothra
 Tehsil - Nawalgarh District- Jhunjhunu
 Rajasthan

Sample Description : Ambient Air
 Sample Drawn on : 08/09/2022 To 09/09/2022
 Sample Drawn by : EPEPL (Mr. Monu Yadav)
 Sample Received on : 09/09/2022
 Sampling Location : Nawalgarh Mine Toward E Pillar South Direction
 Sampling Time : 24.0 Hrs.
 Sampling Plan & Procedure : SOP-AAQ/15
 Analysis Duration : 08/09/2022 To 14/09/2022
 Ambient Temperature (°C) : 32.0
 Average Flow Rate of SPM (m³/min.) : 1.1
 Average Flow Rate of Gases (lpm) : 1.0
 Weather Conditions : Clear
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	57.3	µg/m³	100.0
2	Particulate Matter (PM2.5)	EKO/CHEM/SOP/AAQ-01	39.8	µg/m³	60.0
3	Sulphur Dioxide (as SO₂)	IS: 5182 (P-2)	9.58	µg/m³	80.0
4	Nitrogen Dioxide (as NO₂)	IS: 5182 (P-6)	18.2	µg/m³	80.0
5	Carbon Monoxide (as CO)	IS: 5182 (P-10)	0.79	mg/m³	4.0
6	Arsenic (as As)	EKO/CHEM/SOP/AAQ-02	<5.0	ng/m³	6.0
7	Mercury (as Hg)	EKO/CHEM/SOP/FL-082	<0.1	µg/m³	-

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
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** End of Report **

For EKO PRO ENGINEERS PVT. LTD.

 PURNIMA CHAUHAN
 TECHNICAL MANAGER
 (Authorized Signatory)

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 Office & Laboratory : 324/1, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Distt-NCR) INDIA.
 Contact No. : 011-269116, 9810243670, 9810243670 E-mail : info@ekoengineers.com, ekoengineers@gmail.com, ekoengineers@yahoo.com, ekoengineers@rediffmail.com
TEST REPORT**Ambient Air Quality Monitoring**

Test Report No. : EKO/254/090922
 Issued To : SHREE CEMENT LIMITED - Gothra Limestone Mine
 Village - Gothra
 Tehsil - Nawalgarh District- Jhunjhunu
 Rajasthan

Sample Description : Ambient Air
 Sample Drawn on : 08/09/2022 To 09/09/2022
 Sample Drawn by : EPEPL (Mr. Monu Yadav)
 Sample Received on : 09/09/2022
 Sampling Location : Nawalgarh Mine Toward E Pillar
 Sampling Time : 24.0 Hrs.
 Sampling Plan & Procedure : SOP-AAQ/15
 Analysis Duration : 08/09/2022 To 14/09/2022
 Ambient Temperature (°C) : 32.0
 Average Flow Rate of SPM (m³/min.) : 1.1
 Average Flow Rate of Gases (lpm) : 1.0
 Weather Conditions : Clear
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	51.8	µg/m³	100.0
2	Particulate Matter (PM2.5)	EKO/CHEM/SOP/AAQ-01	33.5	µg/m³	60.0
3	Sulphur Dioxide (as SO₂)	IS: 5182 (P-2)	8.14	µg/m³	80.0
4	Nitrogen Dioxide (as NO₂)	IS: 5182 (P-6)	15.2	µg/m³	80.0
5	Carbon Monoxide (as CO)	IS: 5182 (P-10)	0.71	mg/m³	4.0
6	Arsenic (as As)	EKO/CHEM/SOP/AAQ-02	<5.0	ng/m³	6.0
7	Mercury (as Hg)	EKO/CHEM/SOP/FL-082	<0.1	µg/m³	-

Notes :

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For EKO PRO ENGINEERS PVT. LTD.

 PURNIMA CHAUHAN
 TECHNICAL MANAGER
 (Authorized Signatory)

Page 1 of 1

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Ground Water Analysis reports from NABL Approved Laboratory (Pre- Monsoon)

Annexure-3


EKO PRO ENGINEERS PVT. LTD.
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 Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 008 (Distt-NCR), INDIA.
 Contact No. 9711109210, 9810243879, 9810243878 E-mail: enr@ekopro.in, ekoproengineers@gmail.com, website: www.ekopro.in
TEST REPORT
Water Sample Analysis

Test Report No.: EKO/165/220622

Issue Date : 27/06/2022

Issued To

 : SHREE CEMENT LIMITED
 Village - Gotbra
 Tehsil - Nawalgarh District- Jhunjhunu
 Rajasthan

 Sample Description : Ground Water
 Sample Drawn on : 20/06/2022
 Sample Drawn by : EPEPL (Mr. Monu Yadav)
 Sample Received on : 22/06/2022
 Sampling Location : Near Kaanota Joda, Plant Boundary (Plant Area)
 Sampling Plan & Procedure : SOP-W/86
 Sample Quantity : 1.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 22/06/2022 To 27/06/2022
 Remark (if any) : NA
RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS-10500-2012 (Amd.No. 3 Feb-2021)	
					Acceptable	Permissible
1	pH	IS: 3025 (P-11)	7.28	—	6.5-8.5	No relaxation
2	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	418.0	mg/L	200.0	600.0
3	Iron (as Fe)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	1.0	No relaxation
4	Chloride (as Cl)	IS: 3025 (P-32)	219.3	mg/L	250.0	1000.0
5	Fluoride (as F)	IS: 3025 (P-30)	<1.0	mg/L	1.0	1.5
6	Total Dissolved Solids	IS: 3025 (P-16)	854.0	mg/L	500.0	2000.0
7	Total Suspended Solids	IS: 3025 (P-17)	<5.0	mg/L	—	—
8	Calcium (as Ca)	IS: 3025 (P-40)	100.20	mg/L	75.0	200.0
9	Manganese (as Mn)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.1	0.3
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	128.5	mg/L	200.0	400.0
11	Nitrate (as NO ₃)	IS: 3025 (P-34)	7.11	mg/L	45.0	No relaxation
12	Magnesium (as Mg)	IS: 3025 (P-46)	40.8	mg/L	30.0	100.0
13	Mercury (as Hg)	EKO/CHEM/SOP-ICPMSW-01	<0.001	mg/L	0.001	No relaxation
14	Arsenic (as As)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.01	No relaxation
15	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	314.0	mg/L	200	600.0
16	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.05	No relaxation
17	Lead (as Pb)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.01	No relaxation

Remark: Standard Applicable only for Drinking Water.

- Notes:
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"End of Report"

For EKO PRO ENGINEERS PVT. LTD.

 PURIMA JALHAN
 TECHNICAL MANAGER
 (Authorized Signatory)

 Analytical Services - Analysis of Environment, Food, Water, Cosmetics, Textile, Leather, Paints, Plastics & Building Material Samples in Biological, Chemical, Physical & Microbial Disposal.
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 Contact No. 9711109210, 9810243879, 9810243878 E-mail: enr@ekopro.in, ekoproengineers@gmail.com, website: www.ekopro.in
TEST REPORT
Water Sample Analysis

Test Report No.: EKO/166/220622

Issue Date : 27/06/2022

Issued To

 : SHREE CEMENT LIMITED
 Village - Gotbra
 Tehsil - Nawalgarh District- Jhunjhunu
 Rajasthan

 Sample Description : Ground Water
 Sample Drawn on : 20/06/2022
 Sample Drawn by : EPEPL (Mr. Monu Yadav)
 Sample Received on : 22/06/2022
 Sampling Location : Near Kanah waji jodi (Mines Area)
 Sampling Plan & Procedure : SOP-W/86
 Sample Quantity : 1.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 22/06/2022 To 27/06/2022
 Remark (if any) : NA
RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS-10500-2012 (Amd.No. 3 Feb-2021)	
					Acceptable	Permissible
1	pH	IS: 3025 (P-11)	7.32	—	6.5-8.5	No relaxation
2	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	490.0	mg/L	200.0	600.0
3	Iron (as Fe)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	1.0	No relaxation
4	Chloride (as Cl)	IS: 3025 (P-32)	136.5	mg/L	250.0	1000.0
5	Fluoride (as F)	IS: 3025 (P-30)	<1.0	mg/L	1.0	1.5
6	Total Dissolved Solids	IS: 3025 (P-16)	770.0	mg/L	500.0	2000.0
7	Total Suspended Solids	IS: 3025 (P-17)	<5.0	mg/L	—	—
8	Calcium (as Ca)	IS: 3025 (P-40)	117.43	mg/L	75.0	200.0
9	Manganese (as Mn)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.1	0.3
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	124.6	mg/L	200.0	400.0
11	Nitrate (as NO ₃)	IS: 3025 (P-34)	5.06	mg/L	45.0	No relaxation
12	Magnesium (as Mg)	IS: 3025 (P-46)	47.9	mg/L	30.0	100.0
13	Mercury (as Hg)	EKO/CHEM/SOP-ICPMSW-01	<0.001	mg/L	0.001	No relaxation
14	Arsenic (as As)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.01	No relaxation
15	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	418.0	mg/L	200	600.0
16	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.05	No relaxation
17	Lead (as Pb)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.01	No relaxation

Remark: Standard Applicable only for Drinking Water.

- Notes:
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 PURIMA JALHAN
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 Village - Gotbra
 Tehsil - Nawalgarh District- Jhunjhunu
 Rajasthan

 Sample Description : Ground Water
 Sample Drawn on : 20/06/2022
 Sample Drawn by : EPEPL (Mr. Monu Yadav)
 Sample Received on : 22/06/2022
 Sampling Location : Gujro Ki Dhani Village - Gotbra (Plant Area)
 Sampling Plan & Procedure : SOP-W/86
 Sample Quantity : 1.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 22/06/2022 To 27/06/2022
 Remark (if any) : NA
RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS-10500-2012 (Amd.No. 3 Feb-2021)	
					Acceptable	Permissible
1	pH	IS: 3025 (P-11)	7.24	—	6.5-8.5	No relaxation
2	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	532.0	mg/L	200.0	600.0
3	Iron (as Fe)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	1.0	No relaxation
4	Chloride (as Cl)	IS: 3025 (P-32)	150.2	mg/L	250.0	1000.0
5	Fluoride (as F)	IS: 3025 (P-30)	<1.0	mg/L	1.0	1.5
6	Total Dissolved Solids	IS: 3025 (P-16)	816.0	mg/L	500.0	2000.0
7	Total Suspended Solids	IS: 3025 (P-17)	<5.0	mg/L	—	—
8	Calcium (as Ca)	IS: 3025 (P-40)	127.86	mg/L	75.0	200.0
9	Manganese (as Mn)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.1	0.3
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	136.9	mg/L	200.0	400.0
11	Nitrate (as NO ₃)	IS: 3025 (P-34)	5.68	mg/L	45.0	No relaxation
12	Magnesium (as Mg)	IS: 3025 (P-46)	51.8	mg/L	30.0	100.0
13	Mercury (as Hg)	EKO/CHEM/SOP-ICPMSW-01	<0.001	mg/L	0.001	No relaxation
14	Arsenic (as As)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.01	No relaxation
15	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	410.0	mg/L	200	600.0
16	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.05	No relaxation
17	Lead (as Pb)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.01	No relaxation

Remark: Standard Applicable only for Drinking Water.

- Notes:
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 - Responsibility of the Laboratory is limited to the invoiced amount only.

"End of Report"

For EKO PRO ENGINEERS PVT. LTD.

 PURIMA JALHAN
 TECHNICAL MANAGER
 (Authorized Signatory)

 Analytical Services - Analysis of Environment, Food, Water, Cosmetics, Textile, Leather, Paints, Plastics & Building Material Samples in Biological, Chemical, Physical & Microbial Disposal.
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 Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 008 (Distt-NCR), INDIA.
 Contact No. 9711109210, 9810243879, 9810243878 E-mail: enr@ekopro.in, ekoproengineers@gmail.com, website: www.ekopro.in
TEST REPORT
Water Sample Analysis

Test Report No.: EKO/166/220622

Issue Date : 27/06/2022

Issued To

 : SHREE CEMENT LIMITED
 Village - Gotbra
 Tehsil - Nawalgarh District- Jhunjhunu
 Rajasthan

 Sample Description : Ground Water
 Sample Drawn on : 20/06/2022
 Sample Drawn by : EPEPL (Mr. Monu Yadav)
 Sample Received on : 22/06/2022
 Sampling Location : Near Kanah waji jodi (Mines Area)
 Sampling Plan & Procedure : SOP-W/86
 Sample Quantity : 1.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 22/06/2022 To 27/06/2022
 Remark (if any) : NA
RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS-10500-2012 (Amd.No. 3 Feb-2021)	
					Acceptable	Permissible
1	pH	IS: 3025 (P-11)	7.32	—	6.5-8.5	No relaxation
2	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	490.0	mg/L	200.0	600.0
3	Iron (as Fe)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	1.0	No relaxation
4	Chloride (as Cl)	IS: 3025 (P-32)	136.5	mg/L	250.0	1000.0
5	Fluoride (as F)	IS: 3025 (P-30)	<1.0	mg/L	1.0	1.5
6	Total Dissolved Solids	IS: 3025 (P-16)	770.0	mg/L	500.0	2000.0
7	Total Suspended Solids	IS: 3025 (P-17)	<5.0	mg/L	—	—
8	Calcium (as Ca)	IS: 3025 (P-40)	117.43	mg/L	75.0	200.0
9	Manganese (as Mn)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.1	0.3
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	124.6	mg/L	200.0	400.0
11	Nitrate (as NO ₃)	IS: 3025 (P-34)	5.06	mg/L	45.0	No relaxation
12	Magnesium (as Mg)	IS: 3025 (P-46)	47.9	mg/L	30.0	100.0
13	Mercury (as Hg)	EKO/CHEM/SOP-ICPMSW-01	<0.001	mg/L	0.001	No relaxation
14	Arsenic (as As)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.01	No relaxation
15	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	418.0	mg/L	200	600.0
16	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.05	No relaxation
17	Lead (as Pb)	EKO/CHEM/SOP-ICPMSW-01	<0.005	mg/L	0.01	No relaxation

Remark: Standard Applicable only for Drinking Water.

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"End of Report"

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Ground Water Analysis reports from NABL Approved Laboratory (Post Monsoon)



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Office & Laboratory : 3241, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No: 9711159310, 9810240370, 9810240678 E-mail: info@ekopro.in, ekoproengineers@gmail.com, website: www.ekopro.in

TEST REPORT Water Sample Analysis

Test Report No.: EKO/01/031022
Issue Date: 06/10/2022
Issued To: SHREE CEMENT LIMITED
Village - Gothra
Tehsil - Nawalgah District- Jhunjhunu
Rajasthan
Sample Description: Ground Water
Sample Drawn on: 01/10/2022
Sample Drawn by: EPEPL (Mr. Monu Yadav)
Sample Received on: 03/10/2022
Sampling Location: Near Raanola Joda, Plant Boundary (Plant Area)
Sampling Plan & Procedure: SOP-W/66
Sample Quantity: 1.0 Litre
Environmental Conditions: Normal
Analysis Duration: 03/10/2022 To 06/10/2022
Remark (if any): NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No. 3 Feb-2021)	
					Acceptable	Permissible
1	pH	IS: 3025 (P-11)	7.26	-	6.5-8.5	No relaxation
2	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	420.0	mg/L	600.0	600.0
3	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
4	Chloride (as Cl)	IS: 3025 (P-32)	206.4	mg/L	250.0	1000.0
5	Fluoride (as F)	IS: 3025 (P-40)	<1.0	mg/L	1.0	1.5
6	Total Dissolved Solids	IS: 3025 (P-16)	660.0	mg/L	500.0	2000.0
7	Total Suspended Solids	IS: 3025 (P-17)	<5.0	mg/L	-	-
8	Calcium (as Ca)	IS: 3025 (P-40)	100.60	mg/L	75.0	200.0
9	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.1	0.3
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	134.2	mg/L	200.0	400.0
11	Nitrate (as NO ₃)	IS: 3025 (P-34)	7.13	mg/L	45.0	No relaxation
12	Magnesium (as Mg)	IS: 3025 (P-46)	41.1	mg/L	30.0	100.0
13	Mercury (as Hg)	EKO/CHEM/SOP-ICPMS/W-01	<0.001	mg/L	0.001	No relaxation
14	Arsenic (as As)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
15	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	312.0	mg/L	200	600.0
16	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	No relaxation
17	Lead (as Pb)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation

Remark:- Standard Applicable only for Drinking Water.

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"End of Report"

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA CHAUDHARY
TECHNICAL MANAGER
(Authorized Signatory)

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Contact No: 9711159310, 9810240370, 9810240678 E-mail: info@ekopro.in, ekoproengineers@gmail.com, website: www.ekopro.in

TEST REPORT Water Sample Analysis

Test Report No.: EKO/01/031022
Issue Date: 06/10/2022
Issued To: SHREE CEMENT LIMITED
Village - Gothra
Tehsil - Nawalgah District- Jhunjhunu
Rajasthan
Sample Description: Ground Water
Sample Drawn on: 01/10/2022
Sample Drawn by: EPEPL (Mr. Monu Yadav)
Sample Received on: 03/10/2022
Sampling Location: Gujro Ki Dhani Village - Gothra (Plant Area)
Sampling Plan & Procedure: SOP-W/66
Sample Quantity: 1.0 Litre
Environmental Conditions: Normal
Analysis Duration: 03/10/2022 To 06/10/2022
Remark (if any): NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No. 3 Feb-2021)	
					Acceptable	Permissible
1	pH	IS: 3025 (P-11)	7.26	-	6.5-8.5	No relaxation
2	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	630.0	mg/L	200.0	600.0
3	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
4	Chloride (as Cl)	IS: 3025 (P-32)	158.2	mg/L	250.0	1000.0
5	Fluoride (as F)	IS: 3025 (P-40)	<1.0	mg/L	1.0	1.5
6	Total Dissolved Solids	IS: 3025 (P-16)	630.0	mg/L	500.0	2000.0
7	Total Suspended Solids	IS: 3025 (P-17)	<5.0	mg/L	-	-
8	Calcium (as Ca)	IS: 3025 (P-40)	127.06	mg/L	75.0	200.0
9	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.1	0.3
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	139.2	mg/L	200.0	400.0
11	Nitrate (as NO ₃)	IS: 3025 (P-34)	5.39	mg/L	45.0	No relaxation
12	Magnesium (as Mg)	IS: 3025 (P-46)	51.8	mg/L	30.0	100.0
13	Mercury (as Hg)	EKO/CHEM/SOP-ICPMS/W-01	<0.001	mg/L	0.001	No relaxation
14	Arsenic (as As)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
15	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	412.0	mg/L	200	600.0
16	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	No relaxation
17	Lead (as Pb)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation

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For EKO PRO ENGINEERS PVT. LTD.
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TECHNICAL MANAGER
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Contact No: 9711159310, 9810240370, 9810240678 E-mail: info@ekopro.in, ekoproengineers@gmail.com, website: www.ekopro.in

TEST REPORT Water Sample Analysis

Test Report No.: EKO/02/031022
Issue Date: 06/10/2022
Issued To: SHREE CEMENT LIMITED
Village - Gothra
Tehsil - Nawalgah District- Jhunjhunu
Rajasthan
Sample Description: Ground Water
Sample Drawn on: 01/10/2022
Sample Drawn by: EPEPL (Mr. Monu Yadav)
Sample Received on: 03/10/2022
Sampling Location: Near Govt. School Public Borewell (Chounadi Village)
Sampling Plan & Procedure: SOP-W/66
Sample Quantity: 1.0 Litre
Environmental Conditions: Normal
Analysis Duration: 03/10/2022 To 06/10/2022
Remark (if any): NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No. 3 Feb-2021)	
					Acceptable	Permissible
1	pH	IS: 3025 (P-11)	7.18	-	6.5-8.5	No relaxation
2	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	508.0	mg/L	200.0	600.0
3	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
4	Chloride (as Cl)	IS: 3025 (P-32)	199.2	mg/L	250.0	1000.0
5	Fluoride (as F)	IS: 3025 (P-40)	<1.0	mg/L	1.0	1.5
6	Total Dissolved Solids	IS: 3025 (P-16)	604.0	mg/L	500.0	2000.0
7	Total Suspended Solids	IS: 3025 (P-17)	<5.0	mg/L	-	-
8	Calcium (as Ca)	IS: 3025 (P-40)	122.54	mg/L	75.0	200.0
9	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.1	0.3
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	154.9	mg/L	200.0	400.0
11	Nitrate (as NO ₃)	IS: 3025 (P-34)	5.03	mg/L	45.0	No relaxation
12	Magnesium (as Mg)	IS: 3025 (P-46)	48.6	mg/L	30.0	100.0
13	Mercury (as Hg)	EKO/CHEM/SOP-ICPMS/W-01	<0.001	mg/L	0.001	No relaxation
14	Arsenic (as As)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
15	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	340.0	mg/L	200	600.0
16	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	No relaxation
17	Lead (as Pb)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation

Remark:- Standard Applicable only for Drinking Water.

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Contact No: 9711159310, 9810240370, 9810240678 E-mail: info@ekopro.in, ekoproengineers@gmail.com, website: www.ekopro.in

TEST REPORT Water Sample Analysis

Test Report No.: EKO/04/031022
Issue Date: 06/10/2022
Issued To: SHREE CEMENT LIMITED
Village - Gothra
Tehsil - Nawalgah District- Jhunjhunu
Rajasthan
Sample Description: Ground Water
Sample Drawn on: 01/10/2022
Sample Drawn by: EPEPL (Mr. Monu Yadav)
Sample Received on: 03/10/2022
Sampling Location: Near Kanah wali jodi (Mines Area)
Sampling Plan & Procedure: SOP-W/66
Sample Quantity: 1.0 Litre
Environmental Conditions: Normal
Analysis Duration: 03/10/2022 To 06/10/2022
Remark (if any): NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No. 3 Feb-2021)	
					Acceptable	Permissible
1	pH	IS: 3025 (P-11)	7.34	-	6.5-8.5	No relaxation
2	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	49.8	mg/L	200.0	600.0
3	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
4	Chloride (as Cl)	IS: 3025 (P-32)	139.8	mg/L	250.0	1000.0
5	Fluoride (as F)	IS: 3025 (P-40)	<1.0	mg/L	1.0	1.5
6	Total Dissolved Solids	IS: 3025 (P-16)	780.0	mg/L	500.0	2000.0
7	Total Suspended Solids	IS: 3025 (P-17)	<5.0	mg/L	-	-
8	Calcium (as Ca)	IS: 3025 (P-40)	119.44	mg/L	75.0	200.0
9	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.1	0.3
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	128.8	mg/L	200.0	400.0
11	Nitrate (as NO ₃)	IS: 3025 (P-34)	5.18	mg/L	45.0	No relaxation
12	Magnesium (as Mg)	IS: 3025 (P-46)	48.6	mg/L	30.0	100.0
13	Mercury (as Hg)	EKO/CHEM/SOP-ICPMS/W-01	<0.001	mg/L	0.001	No relaxation
14	Arsenic (as As)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation
15	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	428.0	mg/L	200	600.0
16	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	No relaxation
17	Lead (as Pb)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.01	No relaxation

Remark:- Standard Applicable only for Drinking Water.

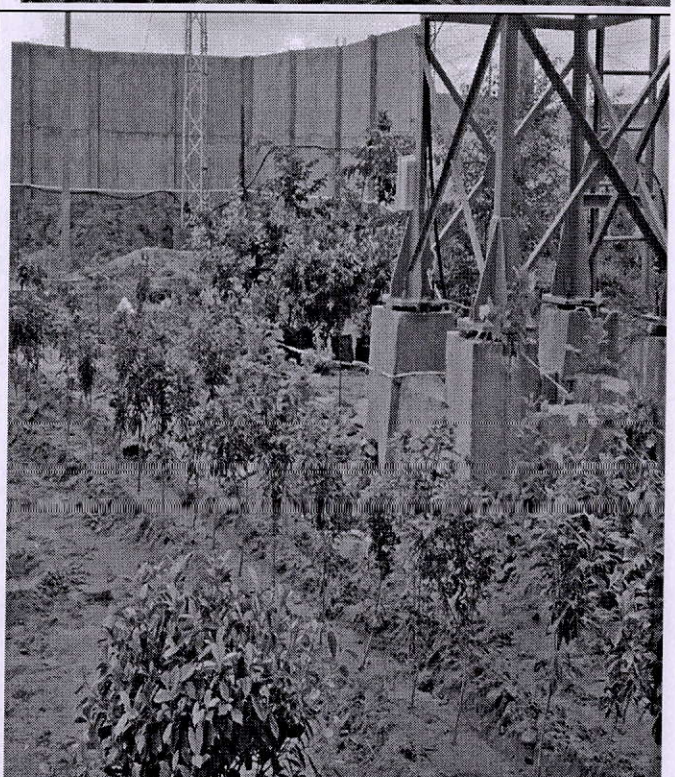
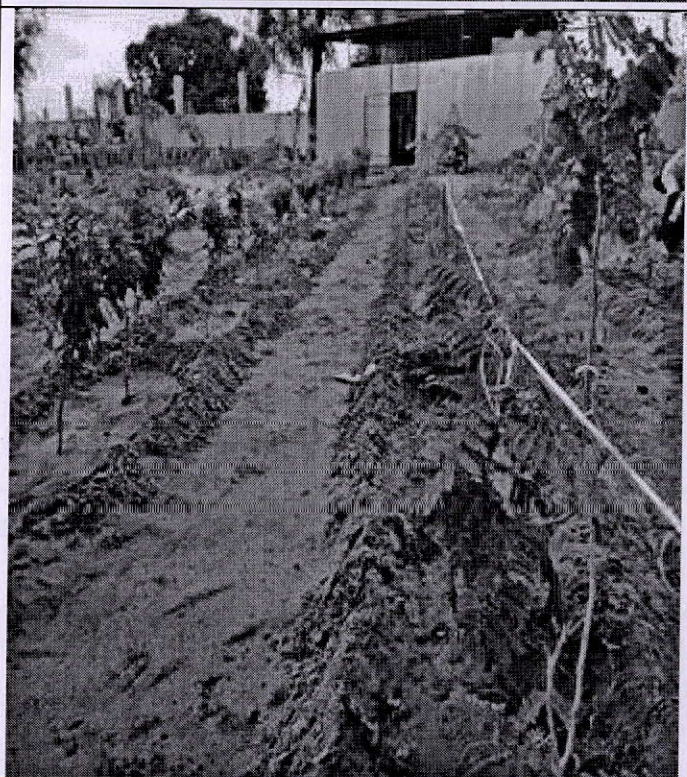
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Analytical Services - Analysis of Environmental, Food, AT/UC, Cosmetics, Text & Apparel, Leather Products, Petroleum & Building Material Samples in Biological, Chemical, Microbiology & Instrumental Analysis.
Consulting Services - EPA, ISO, ISO Certification, Compliance for NGC of Ground Water, Hydrogeological Studies, Environmental Audit & other related. Ground Water & Soil Investigation.

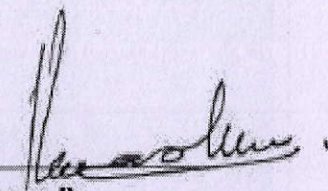


**SHREE CEMENT LIMITED**

BANGUR NAGAR, BEAWAR, RAJASTHAN

ENVIRONMENT POLICY

- To ensure Clean, Green and Healthy Environment through:
 - ✓ Efficient use of natural resources, energy, plant & equipment.
 - ✓ Reduction in emissions, noise, waste and greenhouse gases.
 - ✓ Promotion to reuse and recycling wastes.
 - ✓ Continual improvement in environment management with proper systems to prevent, mitigate and control environmental impacts due to operations across the value chain and in local community.
 - ✓ Building awareness amongst all stakeholders including employees, customers, vendors etc. on environmental issues.
 - ✓ Compliance of relevant environmental legislations by implementing the Environmental Management System
 - ✓ Reporting of non-compliances (in any) of the conditions of environment clearance / consent / NOC/ authorization and permission etc relevant to the environmental conditions as and when occurs to the Whole Time Director by the respective Unit Head and Functional Head (Environment) so as to fulfil the deviation from the compliances within the prescribed time line.

Signature 
(P.N.Chhangani)
Whole Time Director

Date: 29th August, 2019

**SHREE CEMENT LTD.**

An ISO 9001, 14001, 45001 & 50001 Certified Company

Regd. Office:

BANOUR NAGAR, POST BOX NO. 33, BEYAR 308901, RAJASTHAN, INDIA
Regd. Office:
NO.33, BEYAR 308901, RAJASTHAN, INDIA
CERTIFIED TRUE COPY OF THE RESOLUTIONS PASSED AT THE MEETING OF THE BUSINESS
OPERATIONS COMMITTEE OF THE BOARD OF DIRECTORS OF SHREE CEMENT LIMITED HELD ON
TUESDAY, 21st SEPTEMBER, 2021 AT KOLKATA

TO AUTHORISE OFFICIALS OF THE COMPANY TO DEAL WITH VARIOUS MATTERS

***RESOLVED THAT** Dr. Anil Kumar Trivedi, alias A.K. Trivedi, S/o Late Shri Raj Kumar Sharma, aged about 42 Years, presently Sr. General Manager, Environment of the Company be and is hereby authorized for and on behalf of the Company to carry on and supervise correspondence, conduct negotiations, sign applications, execute documents and other legal papers for and in the name of the Company for obtaining environment clearances, ground water permissions, surface water permissions, authorizations, consents from Ministry of Environment, Forest and Climate Change (MOEF&CC), Central Pollution Control Board (CPCB) and State Pollution Control Boards (SPCB), Central Ground Water Authority (CGWA) and/or other relevant authorities.

RESOLVED FURTHER THAT the above authorization shall remain valid for a period upto 30th September, 2022 unless rescinded earlier."

CERTIFIED TRUE COPY

(S.S. KHANDLWAL)
COMPANY SECRETARY
MEMBERSHIP NO. FS421

JAIPUR OFFICE : 5B-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, 23378218, 23370778

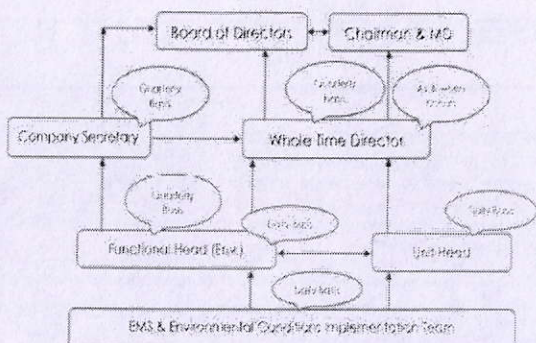
CORP. OFFICE : 21, Strand Road, Kolkata 700001 Phone : 033 22309501-4 Fax : 033 22434229

Organizational Structure - Environmental Management Cell (EMC)

Annexure -7



ORGANIZATIONAL STRUCTURE



4. COMMUNICATION

a. Communication with Board of Directors

WTD is responsible to communicate the issues related to EMS, new legislative requirements and non-compliances (if any) of the conditions of environment clearance / consent / NOC/ authorization and permission etc. to the Chairman and MD of the company as and when occurs and quarterly to the Board of Directors.

b. Internal Communication

It is ensured by the Chairman and MD of the company that appropriate internal communication are established and maintained within the organization. Communication is done through phone call, email, text, whatsapp & in written etc.

Signature _____
(P.N.Chhangani)
Whole Time Director

c. Participation and consultation

- ✓ Unif head ensures consultation with the employees and workers, over changes in work place such as introduction of new & modified equipment, materials etc.
- ✓ All employees and workers are to be involved and represented in development, implementation and review of EMS policy, its objectives and decisions on implementation of SOPs to manage & control environmental aspects and OHS risks as per the mode and nature of activity and incident / accident investigations.
- ✓ Contractors shall be consulted whenever the changes affect their OHS.

d. External Communication

Functional Head (Environment) / Unit Head is responsible for receiving, documentation and respond for the communication from external parties such as MOEF&C, SPES, CPES, CGWA etc to attend their concerns / suggestions and dealing with public authorities for emergency preparedness and other relevant environmental issues.

e. List of Company Management Team

1. Chairman: Sh. S. G. Bangur
Address: TOWER-1-FLAT-3402-E&W SUB METER
BURJ DUBAI DEVELOPMENT, P O BOX: 184278 DUBAI 184278
E-Mail: GhashP@shreecement.com
Contact No. 033- 22309601 – 605
2. Management Director: Sh. H. M. Bangur
Address: 34, NEW E-Mail: GhashP@shreecement.com
Contact No. 033- 22309601 – 605
ROAD, ALPORE KOIKATA 700017
3. Whole Time Director: Sh. P. N. Chhangani
Address: Shree Cements Ltd, Bangur Nagar,
Bodwar – 305901, District- Ajmer, Rajasthan
Contact No. Phone: (91) 1462-228101-064.
4. Environmental Head (Environment)
Dr. Anil Kumar (Ved)

Signature [Signature]
(P. N. Chhangani)
Whole Time Director

Date: 29th August, 2019

