

APPENDIX I
(See paragraph – 6)
FORM 1

(I) Basic Information

1.	Name of the Project/s	:	Amendment in Environmental Clearance under the provision of Section 7(ii) of EIA Notification 2006 with respect to increase of Bagatpura residential colony from 599 to 1028 units (Built-up area from 136766 sqm to 201182 sqm and area of 40 ha) and no change for clinker production capacity of 15.0 Million TPA, Cement production of 13.2 Million TPA, Captive Power Plant 160 MW, Waste Heat Recovery System 125 MW, Synthetic Gypsum (TPD) and DG sets of 2000 KVA near Village – Ras, Tehsil – Jaitaran, District – Pali, Rajasthan by M/s Shree Cement Ltd.
2.	S. No. in the schedule	:	As per new EIA Notification dated 14.09.2006, this project falls in Category 'A' Project or Activity 1(a), 3 (b).
3.	Proposed capacity /area/length/tonnage to be handled/command area/lease area/number of wells to be drilled	:	Units: from 599 to 1028 nos. with amenities Build-up Area: from 136766 sqm to 201182 sqm Total Land: 40 Ha- No Change
4.	New/Expansion/Modernization	:	Expansion under the Provision of Section 7(ii) of EIA Notification 2006
5.	Existing Capacity/Area etc,	:	<u>Existing EC capacities</u> <ul style="list-style-type: none"> ▪ Clinker: 15.0 Million TPA ▪ Cement: 13.2 Million TPA ▪ CPP: 180 MW ▪ WHRS: 90 MW ▪ Synthetic Gypsum: 1560 TPD ▪ DG Sets: 2000 MW ▪ Residential Colony: Area-40 ha, Super built-up area of 136766 Sq Meters and Total Unit 599 with Amenities.
6.	Category of Project i.e. 'A' or 'B'	:	As per new EIA Notification dated 14.09.2006, this project falls in Category 'A'
7.	Does it attract the general condition? If yes, please specify	:	No, it does not attract the general condition.
8.	Does it attract the specific condition? If yes, please specify.	:	No it does not attract the specific condition.
9.	Location	:	
	Plot/ Survey / Khasra No.	:	2549/1
	Village	:	Ras
	Tehsil	:	Jaitaran

	District	:	Pali
	State	:	Rajasthan
10	Nearest railway station/airport along with distance in KMs		<p>➤ Nearest Railway Station - Beawar – at a distance of 21.0 Km in SE Direction (approx.)</p> <p>➤ Nearest Airport – Jodhpur – at a distance of 113 Km in W Direction (approx.)</p>
11	Nearest Town, City, District Headquarters along with distance in Kms.		<p>➤ Nearest City – Beawar at a distance of 21.0 Km in SE Direction (approx.)</p> <p>➤ District Head Quarter – Pali at a distance of 102.0 km in SW direction (approx.)</p>
12	Village Panchayats, Zila Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)		Gram Panchayat Ras, Distt. Pali
13	Name of the applicant		Shree Cement Limited
14	Registered Address	:	Shree Cement Ltd. Post Box No. 33, Bangur Nagar, Andheri Deori, Beawar, Distt. Ajmer (Raj.)
15	Address for correspondence:		Shree Cement Limited (Applicant)
	Name	:	Rakesh Bhargava
	Designation (Owner/Partner/CEO)	:	Sr. Vice President - Environment
	Address	:	M/s Shree Cement Ltd. Post Box No. 33, Bangur Nagar, Andheri Deori, Beawar, Distt. Ajmer (Raj.)
	Pin Code	:	305 901
	E-mail	:	bhargavar@shreecement.com
	Telephone No.	:	01462-228101-6
	Fax No.	:	01462-228117/ 228119
16	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet	:	No alternative site has been taken into consideration as the proposed increase in residential colony will be carried out in the existing 40 ha land.
17	Interlinked Projects	:	Nil
18	Whether separate application of interlinked project has been submitted	:	NA
19	If yes, date of submission	:	NA
20	If no, reason	:	-

21.	Whether the proposal involves approval/clearance under : If yes, details of the same and the status to be given (a) The Forest (Conservation) Act, 1980 (b) The Wildlife (Protection) Act, 1972 (c) The C.R.Z Notification, 1991	:	No
22.	Whether there is any Government Order/Policy relevant/relating to the site	:	No
23.	Forest land involved (hectares)	:	No
24.	Whether there is any litigation pending against the project and / or land in which the project is proposed to be set up (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	:	No

(II) Activity

1. **Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)**

S. No.	Information/ Checklist confirmation	Yes /No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	No	The proposed increase in residential colony will be carried out in the existing 40 ha land.
1.2	Clearance of existing land, vegetation and buildings?	No	No
1.3	Creation of new land uses?	No	No new land use will be created.

1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	As the proposed increase in residential colony will be carried out in the existing 40 ha land.
1.5	Construction works?	Yes	Construction will be done for additional 429 nos. of flats.
1.6	Demolition works?	No	No demolition is involved.
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	Temporary sites will be developed for construction workers. Proper sanitary facility will be provided.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Construction will be done for additional 429 nos. of flats.
1.9	Underground works including mining or tunneling?	No	Not applicable
1.10	Reclamation works?	No	Not applicable
1.11	Dredging?	No	Not applicable
1.12	Offshore structures?	No	Not applicable
1.13	Production and manufacturing processes	No	Not applicable
1.14	Facilities for storage of goods or materials?	No	All the construction materials will be stored within the colony area.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	Organic Waste Composting System (OWCS) has been installed in the colony and manure is being/will be used for plantation purpose. Domestic effluent is being / will be treated in sewage treatment plant.
1.16	Facilities for long term housing of operational workers?	Yes	Proposed increase in residential colony is to provide the housing to the employees.
1.17	New road, rail or sea traffic during construction or operation?	No	The existing facilities are adequate. No additional road facilities will be required.
1.18	New road, rail, air	No	Not required as the site is connected with road.

	waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?		
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	Not required as the site is connected with road.
1.20	New or diverted transmission lines or pipelines?	No	No diversion of transmission lines or pipelines will be required.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	There will be no change from the proposed increase in residential colony.
1.22	Stream crossings?	No	Not applicable
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	Total water requirement for colony after the proposed increase will be 500 KLD. Hence, no additional water will be required. CGWA NOC for withdrawal of 4000 KLD ground water required for plant, Mine and Bagatpura residential colony has already been obtained vide letter no. 21-4(12)/ WR/ CGWA/ 2005-616 dated 23rd May, 2011, 21-4(12)/ WR/ CGWA/ 2005-1220 dated 12th July, 2013 and 21-4(12-B)/ WR/ CGWA/ 2005-255 dated 11th February, 2014 and renewal applications submitted on 15.10.2018.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	No change is envisaged
1.25	Transport of personnel or materials for construction, operation or decommissioning?	No	Construction materials will be procured from local market and transported through road.
1.26	Long-term dismantling or decommissioning or restoration works?	No	No long term dismantling/ decommissioning is involved.
1.27	Ongoing activity during	No	No decommissioning is involved.

	decommissioning which could have an impact on the environment?		
1.28	Influx of people to an area in either temporarily or permanently?	Yes	The influx of people will be temporarily for job opportunity.
1.29	Introduction of alien species?	No	Only native species are being/will be planted at the site.
1.30	Loss of native species or genetic diversity?	No	Local species are planted; hence no loss of genetic diversity or native species is anticipated.
1.31	Any other actions?	No	Nil

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply)

S. No.	Information/checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	The proposed increase in residential colony will be carried out in the existing 40 ha land.
2.2	Water (expected source & competing users) unit: KLD	Yes	Total water requirement for colony after the proposed increase will be 500 KLD. Hence, no additional water will be required. CGWA NOC for withdrawal of 4000 KLD ground water required for plant, Mine and Bagatpura residential colony has already been obtained vide letter no. 21-4(12)/ WR/ CGWA/ 2005-616 dated 23rd May, 2011, 21-4(12)/ WR/ CGWA/ 2005-1220 dated 12th July, 2013 and 21-4(12-B)/ WR/ CGWA/ 2005-255 dated 11th February, 2014 and renewal applications submitted on 15.10.2018.
2.3	Minerals (MT)	Yes	Following raw material will be required: <ul style="list-style-type: none"> ▪ Cement: source from existing Shree cement plant ▪ Bricks: AAC blocks from our sister unit ▪ Steel: Market ▪ Bajri: Market ▪ Water: Ground water
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Construction material available locally will be used for construction work.
2.5	Forests and timber (source – MT)	No	Not Applicable

2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Power Consumption, KVA		Colony
			Existing		3205.2
			Additional Requirement		1842.64
			Total		5047.84
			Source: CPP WHRS		
2.7	Any other natural resources (use appropriate standard units)	No	No other natural resource will be involved in the proposed project.		

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	No	Not applicable
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Not applicable
3.3	Affect the welfare of people e.g. by changing living conditions?	No	Not applicable
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Not applicable
3.5	Any other causes	No	-

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	Not Applicable

4.2	Municipal waste (domestic and or commercial wastes)	Yes	Kitchen waste (biodegradable) generation from colony is being/will be converted in compost through Organic Waste Composting System (OWCS).
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	Not Applicable
4.4	Other industrial process wastes	No	Not Applicable
4.5	Surplus product	No	Not Applicable
4.6	Sewage sludge or other sludge from effluent treatment	Yes	STP Sludge is being/will be used for green belt development.
4.7	Construction or demolition wastes	Yes	Construction wastes will be reused for leveling.
4.8	Redundant machinery or equipment	No	Not envisaged
4.9	Contaminated soils or other materials	No	Not envisaged
4.10	Agricultural wastes	No	Not envisaged
4.11	Other solid wastes	No	Not envisaged

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	No	Not envisaged
5.2	Emissions from production processes	No	Not envisaged
5.3	Emissions from materials handling including storage or transport	No	Not envisaged
5.4	Emissions from construction activities including plant and equipment	Yes	Fugitive dust emissions may be generated from construction activities. These emissions will be temporary and will be controlled.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	No	No odour generating substance will be handled in the premises.
5.6	Emissions from incineration of waste	No	Not envisaged
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	Not envisaged
5.8	Emissions from any other sources	No	Not envisaged

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers.	No	Not envisaged
6.2	From industrial or similar processes	No	Not envisaged
6.3	From construction or demolition	Yes	Noise during construction activities will be temporary & will be resolved.
6.4	From blasting or piling	No	Not applicable
6.5	From construction or operational traffic	Yes	Noise during construction activities will be temporary & will be resolved.
6.6	From lighting or cooling systems	No	No
6.7	From any other sources	No	No

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials.	No	Not envisaged
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Domestic wastewater is being / will be treated in STP and treated water will be used in green belt development. The STP sludge is being / will be used as manure for green belt development within the premises.
7.3	By deposition of pollutants emitted to air into the land or into water	No	Not envisaged
7.4	From any other sources	No	-
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	-

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	Not envisaged
8.2	From any other causes	No	Not envisaged
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. Floods, earthquakes, landslides, cloudburst etc)?	No	No cases are reported so far as the area is free from any seismic activity. The area is located in flood free plains and located in seismically stable zone i.e. Seismic Zone-II as per IS 1893 (Part-I)-2002.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality.

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) housing development extractive industries supply industries Others 	Yes	Around the colony, there will be development of few small shops and small market. Direct and indirect employment opportunities will increase due to the requirement of workers in colony. This will contribute in raising the socio-economic status and standard of living of the nearby villagers.
9.2	Lead to after-use of the site, which could have an impact on the environment.	No	-
9.3	Set a precedent for later developments	Yes	Direct and indirect employment opportunities will increase due to

			the requirement of workers in colony.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	-

III. Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	No	Nil
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Yes	Lilri River (Seasonal) - at a distance of 2.0 Km in N direction from colony Reaserve forest- ~5.2 kms in SW direction from boundary
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	Nil
4	Inland, coastal, marine or underground waters	No	Nil
5	State, National boundaries	No	Nil
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	Adjacent to SH-39 which is converted to NH-158
7	Defense installations	No	--
8	Densely populated or built-up area	Yes	Beawar: 21.0 km (approx.) in SE Direction Village Ras: 5.0 KM in NW direction
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Yes	Beawar: 21.0 km (approx.) in SE Direction
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	No	The area is not containing any important, high quality or scarce resources.
11	Areas already subjected to pollution	No	No such area is located within 15

	or environmental damage. (those where existing legal environmental standards are exceeded)		km radius of the project site which is subjected to pollution or environmental damage.
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	No	No such area is located within 15 km radius of the project site which is susceptible to any natural hazard. The project site falls in Seismic Zone-II as per IS 1893 (Part-I)-2002.

(IV) Proposed Terms of Reference for EIA studies

Not Required

UNDERTAKING

"I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

Date: 25.01.2019

Place: Beawar

For Shree Cement Ltd.

(Rakesh Bhargava)

Authorized Signatory

Sr. Vice President (Environment)

(Authorized Signatory)

For, M/s Shree Cement Limited,
Bangur Nagar, Post Box. No. 33,
Beawar-305901, Rajasthan, India

Note:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z. map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z. (at the stage of ToR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z. Notification, 1991 for the activities to be located in the CRZ.
2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC).
3. All correspondence with the Ministry of Environment & Forests including submission of application for ToR/Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.
