



SHREE CEMENT LIMITED

(UNIT-SHREE RAIPUR CEMENT PLANT)

Village: Khaparadih, Tehsil: Simga, Distt. Baloda Bazar-Bhatapara (C.G) Pin: 493332,
Ph.:07727-203101, CIN No. : L26943RJ1979PLC001935



SRCP/ENV/2022-23/133

Date: - 26.11.2022

To,
Deputy Director General of Forests (C),
Integrated Regional Office,
Ministry of Environment, Forest & Climate Change
Aranya Bhawan, North Block, Sector-19,
Naya Raipur, Atal Nagar, Chhattisgarh.

Sub: - Submission of Half Yearly compliance report of Environment Clearance conditions for Captive Lime Stone Mine (Karhi- Chandi lime stone deposit) of Shree Raipur Cement Plant (A unit of Shree Cement Limited) located at Villages- Karhi Chandi & Khaparadih, Tehsil-Simga, District- Balodabazar-Bhatapara (Chhattisgarh) for the period from April - 2022 to September - 2022.

Ref: -

1. Environment Clearance Letter No. J-11015/64/2017-IA. II(M) on dated 15th May, 2020.
2. Environment Clearance Amendment Letter No. J-11015/64/2017-IA. II(M) dated 29th October, 2021.

Dear Sir,

With reference to the above subject, we wish to inform your good self that lime stone production from karhi chandi lime stone mines not yet started. We are submitting herewith Six Monthly Environment Clearance (EC) compliance report for Captive Lime Stone Mine (Karhi- Chandi Lime stone deposit) of Shree Raipur Cement Plant (A unit of Shree Cement Limited) located at Villages- Karhi Chandi & Khaparadih, Tehsil-Simga, District- Balodabazar-Bhatapara (Chhattisgarh) for the period from April - 2022 to September - 2022.

Submitted for your kind information and record please.

Thanking you.

Yours faithfully

For Shree Raipur Cement Plant
(A Unit of Shree Cement Ltd.)


L.V. Mahesh
Asst. Vice President

Encl.- as above

CC to: -

1. The In charge (Zonal Office), Central Pollution Control Board (CPCB), Parivesh Bhawan, Paryavaran Parisar E-5, Arera Colony, Bhopal-462016.
2. The Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhavan, North Block, Sector-19 Nawa Raipur, Atal Nagar (C.G).
3. The Regional Officer, Chhattisgarh Environment Conservation Board, Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur (C.G.) – 492099

SIX MONTHLY COMPLIANCE REPORT OF ENVIRONMENT CLEARANCE (EC)

For

Karahi Chandi Lime Stone Mines

at

**Villages- Karhi Chandi, Tehsil-Simga,
District- Balodabazar-Bhatapara (Chhattisgarh)**

Submitted to:

**Integrated Regional Office, Raipur
Ministry of Environment, Forests & Climate Change,
Central Pollution Control Board, Bhopal &
Chhattisgarh Environment Conservation Board, Raipur**



SHREE CEMENT LIMITED

by:

ENVIRONMENT MANAGEMENT DEPARTMENT

PERIOD: APRIL - 2022 – SEPTEMBER - 2022

Compliance Status on Environment Clearance

Name of Project:	Karhi-Chandi Lime Stone Mine (A Unit of Shree Cement Ltd)
Capacity & Location:	Captive Lime Stone Mine (Karhi- Chandi Lime stone deposit), ML area 225.719 Ha, Lime stone production capacity 1.5 Million TPA, 0.45 Million TPA Inter-Burden (Total Excavation: 1.95 Million TPA) with installation of Crusher of 1200 TPH at Villages- Karhi Chandi & Khapradih, Tehsil-Simga, District- Baloda Bazar-Bhatapara (Chhattisgarh) by Shree Cement Limited.
EC Letter No:	1. J-11015/64/2017-IA.II(M) on dated 15th May, 2020 2. EC Amendment Letter No. J-11015/64/2017-IA. II(M) dated 29th October, 2021.

A. Specific & General Conditions:

A. Specific Conditions		Compliance Status
1	PP should maintain a buffer zone of 300 mtrs wide as barrier along the lease area in vicinity of Household and shall not do any mining operations in such buffer zone. This buffer zone should be developed with thick vegetation.	Noted. We shall maintain 300-meter buffer zone area in vicinity of household area & no mining activities shall be done within the buffer zone area. And thick plantation shall be developed in the buffer zone area.
2	As per present proposal, PP submitted that total 75 ha area will be covered under green belt and plantation with 1,87,500 saplings (47 ha backfilled area, 17 ha dump area, and 4 ha on 7.5 safety zone & 7 ha on undisturbed area). The trees will be planted @2500 saplings per hectare of land and survival will be maintained more than 90%. Plant such as Babul (Acacia Arabica), Safed siris (Albizia procera), Sisam (Dalbergia latifolia), Neem (Azadirachta indica), Gulmohar (Delonix regia), Subabul (Laucaena leucocephala), Cassia semiya, Copperpod (Peltaphorum), Karanj (Derris indica), Mahaneem (Melia azedarachta), Bamboo plant (Bambusa dendrocalmus), Humata Grass. The saplings suitable for the existing soil and site conditions should be considered. Preference will be given for fast growing local plant species, which can adapt to the local climate may be planted in consultation with local forest department.	Being complied. We have planted total 2600 nos. of sapling over 1 Ha. Area in safety zone and onward will be done in phased manner as per approved Mining plan. The mining activity is not started yet.
3	Plantation on 11 Ha (4 Ha on 7.5 safety zone & 7 Ha on undisturbed area) shall be completed with 5 years. Plantation will be developed in 7.5 meters' width along the road (budget Rs. 8 Lakh), nallha, and habitation in first five years, total area to be covered 2 Ha, and density of plantation to be maintained is 2000 saplings/ha and budget for the same is Rs. 26 Lakh. In addition to this year wise plantation backfilled and dump area shall be 11th to 15th year [4500 saplings on 3.0 Ha (backfilled area)], 16th to 20th year (4500 saplings on 3.0 Ha (backfilled area) and 3000 saplings on 2 Ha (dump area)], 21st to 25th year (4500 saplings on 3.0 Ha (backfilled area) and 3000 saplings on 2 Ha (dump area)), 26th to 30th year [4500 saplings on 3.0 Ha (backfilled area) and 3000 saplings on 2 Ha (dump area)], 31 st to 35 th year [4500 saplings on 3.0 Ha (backfilled area) and 3000 saplings on 2 Ha (dump area)],	Being complied. We have planted total 2600 nos. of sapling over 1 Ha. Area in safety zone and onward will be done in phased manner as per approved Mining plan. The mining activity is not started yet.

	<p>36th to 40th year [18000 saplings on 12.0 Ha (backfilled area) and 4500 saplings on 3 Ha (dump area)], 41st to 45th year [18000 saplings on 12.0 Ha (backfilled area) and 4500 saplings on 3 Ha (dump area)], 46th to end [19500 saplings on 13.0 Ha (backfilled area) and 4500 saplings on 3 Ha (dump area)]. Budget of Rs 1.34 Cr earmarked for green belt and plantation shall be kept in separate bank account and should be audited annually. The PP should annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of expert agency engaged, details of species planted, number of species planted, survival rate etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.</p>	
4	<p>PP shall implement the wildlife conservation plan prepared for schedule-1 species viz. Monitor Lizard & Indian Python and approved amount Rs 36.30 Lakh (1st year 14.075 Lakh, 2nd Year 14.075 Lakh and 3rd Year 8.150 Lakh) or as define by the CWLW may be deposited in the government account.</p>	<p>A Wildlife Conservation Plan has been prepared & approved by Chief Wild Life Warden. There is no any endangered flora, fauna and Schedule-I species found.</p>
5	<p>PP has proposed a budget of Rs 877 Lakh to be spent on various activities in the nearby area which includes i) Rs 80 Lakh for renovation of Govt. School of village Khapradih, Semradih, Bharuwadih, Chandi and Karchi (a) construction/renovation of 23 rooms, (b) construction/renovation of 30 Nos male/female toilets, (c) providing 5 nos. of water coolers, (d) providing 5 computer labs, and (e) providing furniture], ii) Rs 200 Lakhs for providing school up to 12th standard at SCL colony in village Bharuwadih for all, iii) Rs 24 Lakh for Sport complex in village Khapradih and Bharuwadih (a) construction of 2 rooms, b) construction of male and female toilet : 1 each, c) providing 2 water coolers, d) preparation of 2 playground, and e) sports items], iv) Rs 175 Lakh for construction of roads [2 KM in village Bharuwadih and 3kM in village Chandi], v) Rs 54 Lakh for construction of community center (total 5 one in each village) in villages Khapradih, Semradih, Bharuwadih, Chandi and Karchi, vi) Rs 30 Lakh for Drinking water tank at village Lohari and Paunsarl, vii) Rs 29 Lakh for Subsidy on drip Irrigation system, seeds and agro-forestry in 100 Ha agriculture land in nearby villages Khapradih, Semradih, Bharuwadih, Chandi and Karhi, viii) Rs 25 Lakh for Installation of Solar street lights at community center, common area, dispensary, bus stand and school at village Khapradih, Semradih, Bharuwadih, Chandi and Karhi, ix) Rs 150 Lakh for Health management center with full edged medical check-up, doctors and nursing staff, free medicines and 10 beds for male and female ward for primary health treatment and availability of 24x7 ambulance at Village Bharuwadih and x) Rs 80 lakh for renoVation of Public Health Center of Village Khapradih, Semradih, Bharuwadih, Chandi and Karhi: 1 Construction of Male, Female and Child wards 15 . nos. 2 construction of Male and Female toilets- 20 nos. 3. Water coolers- 5 nos. 4. Ambulance: 5 nos. The amount proposed under this head shall be shall be kept in separate bank account and should be audited annually. The PP should annually submit the audited</p>	<p>Being Complied. CSR expenditure for the year 2021-22 is attached as Annexure-1.</p>

statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of expert agency engaged, details of species planted, number of species planted, survival rate etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.

Annexure 1: CSR Expenditure Details FY-2021-22

Sr. No.	Particulars of CSR activity undertaken	Amount in Rs.
1	Salaries paid to employees engaged in CSR work	18,81,615
2	Expenses incurred to fight against COVID-19 (Expenses held for Covid-19 relief)	85,409
3	Environment protection and sustainability work - (Contribution to Gram panchayat for Pond Ash Consumption @ Rs. 3 per MT)	2,52,569
4	Environment protection and sustainability work - (Contribution to Gram panchayat for Pond Ash Consumption @ Rs. 3 per MT)	2,00,000
5	Expenses incurred to fight against COVID-19 (Cost of Oxygen Cylinders Supplied)	24,45,806
6	Cement and Steel issued from SCL for construction of road/ structures (Construction of Temple)	31,716
7	Expenses incurred to fight against COVID-19 (Expenses on dust masks, sanitizers, gloves etc.)	3,02,443
8	Cement and Steel issued from SCL for construction of road/ structures (Pond deepening and beautification work at Village- Bhruadih)	21,773
9	Expenses incurred to fight against COVID-19 (Advertisement for promotion of Covid vaccination in Dainaik Bhaskar newspaper)	4,28,579
10	Cement and Steel issued from SCL for construction of road/ structures (Construction of community hall at Village- Bhruadih)	32,944
11	Cement and Steel issued from SCL for construction of road/ structures (CC Road at Village- Bhruadih (Colony))	1,89,962
12	Cement and Steel issued from SCL for construction of road/ structures (RCC drain at Village- Chandi)	3,09,046
13	Cement and Steel issued from SCL for construction of road/ structures (Supply and Fixing of sign Boards related to CSR at various villages)	1,788
14	Other CSR programme coordination expenses including expenses on brochures, leaflets, CSR documentary film, inauguration function etc. CSR survey expenses (Documentry making of CSR activities)	9,44,000
15	Expenses incurred to fight against COVID-19 (Expenses on dust masks, sanitizers, gloves etc)	320
16	Cement and Steel issued from SCL for construction of road/ structures (Construction of community hall at Karhi)	8,712
17	Cement and Steel issued from SCL for construction of road/ structures (CC Road at Village- Bhruadih)	1,06,283
18	Cement and Steel issued from SCL for construction of road/ structures (CC Road at Village- Khapradih)	88,860
19	Cement and Steel issued from SCL for construction of road/ structures (Construction Of Jyoti Kaksh At Semhradih)	8,712
20	Cement and Steel issued from SCL for construction of road/ structures (Construction of community halls and muktidhams at nearby villages)	18,300
21	Cement and Steel issued from SCL for construction of road/ structures (Construction and levelling of CC/Murom roads of nearby villages)	1,34,503
22	Running various income generation programme for woman like stitching, embroidery, pickle making, papad making, beautician, gram and wheat flour making, dairy farming, soap, detergent making, etc.	97,411
	Total	75,90,751

6	<p>PP shall implement the R&R Plan proposed during before Expert Appraisal Committee in its meeting held on 30-31 January, 2020. In addition to this other commitment may be fulfilled Viz. i) Company will bear the entire cost for school education for all girl child studying in Govt. School of Village Karhi,-Chandi and Khapradih which will include fees, books, uniform, bag and stationary. Approx. Budget is Rupees one lacs per annum, ii) will Contribute Rs. 11,000 for each girl marriage, iii) PP also proposed to provide sanitary napkin to all the girl child in Govt. School of village Karhi, Chandi and Khapradih with a budget 50,000 per annum, and iv) One lacs per annum to each Registered Govt. Gaushala of village Karhi, Chandiand Khapradih. Total budget would be three lacs per annum. PP shall fulfil the Commitment made above and during the Public Hearing. The amount proposed under this head should be kept in a separate bank account and should be audited annually. The PP should annually submit the audited statement and detailed report along with proof of activities taken, land compensation paid etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.</p>	<p>Out of total area of 225.719 ha, government land is 26.284 ha, land owned by Shree Cement Limited for conducting mining operation is 165.09 ha. and private land is 33.421 ha. Part of Village Chandi falls inside the mining lease area, which will not be disturbed and safety Barrier/measures will be taken. As per rehabilitation Policy of Chhattisgarh Govt., land is being/will be purchased through mutual agreement and negotiation. Safety measures will be taken for protection of habitants. CSR expenditure for the year 2021-22 is attached as Annexure-1. Implementation report along with monetary expenditure is being submitted to RO, MoEF&CC.</p>
7	<p>Budget earmarked for Corporate Environment Responsibility is Rs 250 Lakh proposed by PP which includes i) Activity-1: Public Health Program[construction of 30X50 Feet ward for female in Chandi and Karhi Village (Rs 22.50 Lakh, timeline 1st year), construction of 30X50 Feet ward for male in Chandi and Karhi Village (Rs 22.50 Lakh, timeline 2nd year), Providing the 2 water coolers in Chandi and Karhi Village (Rs 2 Lakh, timeline 3rd year), ii) Activity-2: Education & Sports [i) provision for construction of 5 rooms in School at Chandi \silage (Rs 18.0 Lakh, timeline 1st year), provision for construction of 5 rooms in School at Karhi village (Rs 18.0 Lakh, timeline 2nd year), providing the 2 water coolers (Rs 1 Lakh each), Providing the 2 Computer labs (Rs 5 Lakh per lab) and Smart Board (Rs 1 Lakh each)- Rs 14 Lakh, timeline 3 year)] iii) Activity 3: Training for Employment generation and livelihood for 600 people [i) Construction of Common training Centre for various employment generation training program in village Karhi (Rs 20.0 Lakh, timeline 1st year), ii) Conducing the Household wiring and home appliance repairing duration 30 days @ Rs 1.25 Lakhs per batch of 20 persons, total 5 batches (Rs 1.25 Lakh for 1st Year, 2.70 Lakh for 2nd year,2.80 Lakh for 3rd year-total Rs 6.75 Lakh), iii) Mobile repair training duration 30 days @ Rs 1.25 Lakh per batch of 25 persons, total 5 batches (Rs 1.25 Lakh for 1st Year, Rs 2.70 Lakh for 2nd year, Rs 2.80 Lakh for 3rd year-total Rs 6.75 Lakh), iv) Bike repair training duration 45 days @ Rs 1.40 Lakh per batch of 25 persons, total 5 batches (Rs 1.40 Lakh for 1st Year, Rs 3.0 Lakh for 2nd year, Rs 3.0 Lakh for 3rd year-total Rs 7.40 Lakh), v) Plumber training duration 45 days @ Rs 1.70 Lakh per batch of 20 persons, total 5 batches (Rs 1.70 Lakh for 1st Year, Rs 3.60 Lakh for 2nd year, Rs 3.60 Lakhs for 3rd year-total Rs 8.90 Lakh), vi) Sewing training duration 60 days @ Rs0.35 Lakh per batch of 20 persons, total 5 batches (Rs 0.35 Lakh for 1st</p>	<p>CER activities & expenditure details for the period from April 2022 to September 2022 is attached as Annexure-2.</p>

<p>Year, 0.80 Lakh for 2nd year, 0.80 Lakh for 3rd year-total Rs 1.95 Lakh), vii) Beauty Parlour Training duration 45 days @ Rs 0.40 Lakh per batch of 20 persons, total 5 batches (Rs 0.40 Lakh for 1st Year, 1.0 Lakh for 2nd year, Rs 1.40 Lakh for 3rd year-total Rs 2.80 Lakh), viii) Pickle & Spices making training duration 90 days @ Rs 1.30 Lakh per batch of 20 persons, total 5 batches (Rs 1.30 Lakh for 1st Year, Rs 2.60 Lakh for 2nd year, Rs 2.60 Lakh for 3rd year-total Rs 6.50 Lakh), Activity -4 Activities for Livestock: construction of Biogas plants for each family having minimum four cattle's in Villages Chandi & Karhi (Rs 20.0 Lakh, timeline 1st year, Rs 20.0 Lakh, timeline 2nd year, Rs 20.0 Lakh, timeline 3rd year —total Rs 60 lacks), Animal nutrition Programme in Villages Chandi & Karhi (Rs 10.0 Lakh, timeline 1st year, Rs 10.0 Lakh, timeline 2nd year, Rs 12.0 Lakh, timeline 3rd year —total Rs 32 Lakh). The amount proposed under this head should be kept in a separate bank account and should be audited annually The PP should annually submit the audited statement and detailed report along with proof of activities viz. photographs (before & after with geo-location date & time), purchase documents, etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.</p>	
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Annexure-2: Details of CER Expenses April 2022 to September 2022

Sr. No.	Area of CER	Expenditure (in Rs.)
1.	Construction of roads in village: 1. Bharuadih : 02 Kms. 2. Chandi : 03 Kms.	9,89,616 Construction of CC road in Bharuadih, Semaradih, Khapradih & Karhi Villages
2.	Construction of community center at village Khaparadih, Semaradih, Bharuadih, Chandi & Karhi : 05 Nos.	5,00,461 Construction of Rangmanch in Semaradih and Chandi and community center in Karhi
3.	Drinking water tank at village Lohari & Paunsari	5,20,695 Supply of drinking water through Tanker in Bharuadih & Khapradih and Extension of Water Pipeline for drinking purpose in Semaradih, Boring & installation of Pump for drinking water in Chandi
4.	Renovation of existing water ponds for rainwater recharge and plantation all around the boundary of pond at village Khaparadih, Semaradih, Bharuadih, Chandi & Karhi.	3,28,554 Beautification of Pond in Bharuadih village
	Total (Rs.)	23,39,326
8	Budget earmarked for Occupational Health and Safety shall be Rs. 0.3 Cr capital and 0.01 Cr recurring cost shall be used for Measures to Prevent Accidents during mineral Loading, Prevent Accidents during minerals Transportation, Accidents due to Trucks/ Dumpers etc., Dangerous Incidents during Inundation/Flooding, education awareness and first aid kit, and for medical Examination Schedule. Amount proposed under this head should be kept in a separate bank account and should be	Budget earmarked for OH&S will be used for Measures to Prevent Accidents during mineral Loading, Prevent Accidents during minerals Transportation, Accidents due to Trucks/ Dumpers etc., Dangerous Incidents during Inundation/Flooding, education awareness and first aid kit, and for medical Examination.

	<p>audited annually. If required PP shall enhance the budget under this head. PP should annually submit the audited statement and detailed report along with proof of activities viz. photographs (before & after with geo-location date & time), purchase documents, test reports, photographs & Geo-location of the infrastructures/facilities developed, record of distribution of PPEs etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.</p>	<p>Accident/ incident report along with monetary expenditure shall be submitted to RO, MoEF&CC on yearly basis before 1st July of every year.</p>
9	<p>Budget earmarked for Environment Management Plan is Rs 3.95 Cr (Capital) & Rs 0.22 Cr (recurring) which includes i) Pollution Control [Rs 1.5 Cr (Capital) & Rs 0.04 (Recurring)], ii) Pollution Monitoring [Rs 0.8 Cr (Capital) and Rs 0.05 Cr(recurring)], iii) Occupational Health [Rs 0.3 Cr (Capital) and 0.01 Cr (Recurring)], iv) Green Belt/Mine/Township [Rs 1.0Cr (Capital and 0.10 Cr (Recurring) J, and v) Reclamation / Rehabilitation of mined out area [Rs 0.35cr (Capital) and Rs 0.02cr (recurring)] . In addition to this, PP also proposes to setup an Environmental Management Cell which is responsible for i) Procurement and commissioning of Pollution Control and Monitoring Equipment, ii) Specification and regulation of maintenance schedules for pollution control equipment, iii) Ensuring that prescribed standards are maintained, iv) Ensuring optimum water usage, v) Implementation of the mitigation measures suggested in EIA/EMP Report, vi) Ensuring development of greenbelt development and plantation & its maintenance. PP also submitted the Monitoring Schedule which includes i) Ambient Air Quality (twice a week), ii) Noise Level Monitoring (Quarterly), Water Quality & Level (Quarterly), Stack Monitoring (Regular) and Vibration Monitoring (on every blast). The amount proposed under this head (except occupational health) should be kept in a separate bank account and should be audited annually. The PP should annually submit the audited statement and detailed report along with proof of activities viz. photographs (before & after with geo-location date & time), purchase documents, sampling reports, photographs & Geo-location of the infrastructures/facilities developed, compositing & details of persons engaged in Environment Management Cell etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.</p>	<p>Being complied Budget earmarked for EMP will be utilized accordingly. Total environmental Expenditure incurred period from April 2022 to September 2022 is Rs. 56,200 for the safety zone plantation. Environment Management Cell has been established.</p>
10	<p>Mitigation measures proposed for Roads & Nallha shall be implemented which includes A) For Roads: i) No mining operation is planned within 50 meter on either side of roads, ii) Fencing along excavated area for safety purpose with a budget of Rs 10 lakhs, iii) Plantation will be developed both side of roads. It will be completed within 5 years with a budget of Rs. 8 lakhs, iv) Mining will be done towards the roads after 25 years of the mining lease period, v) Worked out area beyond 50 meter safety zone on either side of road will be developed as water reservoir with proper fencing at conceptual stage with a budget of Rs 20 Lakh. B) For Nallah: There is a seasonal Nallah inside the mining lease area and i) No mining operation has been planned around the Nallah in the first 25 years of mining lease period, ii) However, mining</p>	<p>Mitigation measures proposed for Roads & Nallah will be implemented. No mining operation is initially planned within 50 mtrs on either side of the roads. Fencing along the excavated pit will be done after complete exploration of limestone from the pit. The mining activity is not started yet. After 25 years, permission of MoEF&CC will be obtained for diversion of nallah and mining near road and necessary mitigation measures will be taken accordingly.</p>

	operation is planned around nallah after 25 years from mining lease period at that time Nallah will be diverted outside the mining lease area before carrying out any mining operations. Further the mitigation measures proposed is i) 50m safety barrier will be left along the both side of the Nallah and ii) Earthen bund will be constructed along both side of Nallah and iii) Plantation will be done all along the Nallah in the safety barrier. PP shall submit to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year. Further, after 25 years permission of MoEF&CC may be obtained for diversion of nallah and mining near road.	
11	In pursuant to Ministry's O. M No 21-103/2015-IA.III dated 2.11.2018 Approval/permission of CGWA/SGWA shall be obtained before drawing ground water for the project activities. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.	We have obtained ground water NOC from CGWA for withdrawal of 150 KL/ Day ground water vide Letter No. CGWA/NOC/MIN/ORIG/2019/4919 valid up to 02.10.2023.
B: Standard Conditions: (As Ministry's O.M No 22-34/2018-IA.III dated 8.01.2019 & 16.01.2020)		
I. Statutory compliance		
1	This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.	Noted.
2	The Project Proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2 nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.	Noted.
3	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2 nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.	Not applicable. As no compensation were levied on us by Judgment of Hon'ble Supreme Court dated 2 nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors. for illegal mining.
4	This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.	Not applicable. There is no forest land involved/present within the Mining lease area.
5	This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.	Not applicable. There is no forest land involved/present within the Mining lease area.
6	Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish / Consent to Operate from the concerned State Pollution Control Board/Committee.	Being Complied. We have obtained Consent to Establish from State Pollution Control Board and now applied for Consent to Operate.
7	The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars	Noted.

	issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines from time to time.	
8	The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it.	Noted. All the required consents will be obtained before start of mining operation.
9	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA. II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area.	Agreed. The mining activity is not started yet.
10	The Project Proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project.	We have obtained ground water NOC from CGWA for withdrawal of 150 KL/ Day ground water vide Letter No. CGWA/NOC/MIN/ORIG/2019/4919 valid up to 02.10.2023.
11	A copy of EC letter will be marked to concerned Panchayat/local NGO etc. if any, from whom suggestion/ representation has been received while processing the proposal.	Copy of EC has been circulated to concerned Panchayat vide letter dated: - 18.05.2020.
12	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.	It is state Board's responsibility.
13	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.	Complied. The advertisement for grant of EC has been published in two newspapers. The Times of India (English) and Hari Bhoomi (Chhattisgarh). It has been also displayed on Industry website www.shreecement.com Please refer Annexure-3.

Annexure-3

Advertisement of EC letter in two News Paper



14	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.	Noted
II. Air quality monitoring and preservation		
15	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.	Noted. We will install 3 nos. of CAAQMS along with digital display with 1 (one) in upwind and 2 (two) in downwind direction based on climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. The above data will be digitally displayed in front of the main Gate of the mine site.
16	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metaled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's / machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.	Noted. Effective safeguard measures will be taken (like regular water sprinkling, metaled road construction etc.) to control the fugitive dust emission and APC devices will be installed at all possible locations for controlling dust generation.
III. Water quality monitoring and preservation		
17	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.	Ground water table will not be intersected during the present working scheme period of the Mining lease area. However, if mining operation involves intersection of ground water table at a later stage, we shall take prior approval from CGWA and MoEFCC before such mining operations.
18	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the Village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity	Flow rate of Nallah will be measured. Piezometers shall be installed after identification of suitable location. Regular monitoring shall be done. The Report on changes in Ground water level and quality will be submitted on six-monthly

	in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug well located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.	basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
19	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.	Piezometers shall be installed after identification of suitable locations for regular monitoring of Ground Water level and report will be submitted on six monthly basis.
20	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis	Noted. Monitoring of water quality will be done for upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and records will be maintained.
21	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by	Noted. No polluted water will be generated from mines operation.

	Ministry of Environment, Forest and Climate Change may also be referred in this regard.	
22	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.	Rain water harvesting measures will be developed at adequate area. A report on amount of water recharged shall be submitted annually.
23	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap	Noted. Existing workshop of Shree Lime Stone Mines will be used for vehicle maintenance.
24	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.	Water audit shall be carried out by engaging 3 rd party.
IV. Noise and vibration monitoring and prevention		
25	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines	PPV will be monitored periodically as per DGMS guidelines.
26	The illumination and sound at night at project sites disturb the Villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the Villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the Villagers and keeping the noise levels well within the prescribed limits for day /night hours.	Lighting arrangement shall be done in such a manner that it won't affect the surrounding villages. And regular noise monitoring to ensure compliance of Noise standards both in day & night time.
27	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.	Adequate measures like regular maintenance of HEMMs will be taken to control the noise level. Adequate PPEs shall be provided to all engaged workers. And regular noise monitoring shall be carried out to ensure compliance of Noise levels below 85 dBA in the work environment.
V. Mining Plan		
28	The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc. No change in basic mining proposal like mining technology,	Noted. The mining will be done as per approved mining plan.

	total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management , O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form to Short Term Permit (STP), Query license or any other name.	
29	The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules/ Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change for record and verification.	Noted.
30	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-a-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.	Noted. Excavation vis-a-vis backfilling in the mine lease area and corresponding afforestation will be raised in the reclaimed area as per approved mining plan.
VI. Land reclamation		
31	The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The topsoil shall be used for land reclamation and plantation.	O.B shall be stacked at earmarked locations as mentioned in the approved Mining Plan. Top soil shall be stacked at earmarked locations as mentioned in the approved Mining Plan & will be used for plantation purpose.
32	The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps	The reject/waste generated during the mining operations will be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope will be maintained as per the approved Mining Plan.
33	The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum Progressive Mine Closure Plan.	Reclamation of waste dump sites will be done according to Mining Plan.
34	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant	All slope angles of dumps will be maintained within the natural angle of repose of the waste. Dumps will be stabilized and covered with native species planted towards the vegetation.

	species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ levelling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.	
35	The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF&CC.	Slope stability study shall be conducted by engaging 3 rd party.
36	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.	Catch drains, settling tanks and siltation ponds of appropriate size will be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water. The collected water will be diverted into the mines pit, and shall be used for plantation & dust suppression purpose.
37	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years' data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.	Check dams will be constructed around the O.B dumps & other critical areas.
38	The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.	Top soil generated will be store at earmarked area and the same will be utilized for plantation purpose as per approved mining purpose.
VII. Transportation		
39	No Transportation of the minerals shall be allowed in case of roads passing through 'villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the	Noted. Mineral transportation will not be done through roads passing 'villages/ habitations area. Vehicles only having Pollution Under Control (PUC) certificate will be allowed in premises.

	environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centres.	
40	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.	Mobile water tankers will be used for dust suppression on main haulage and other roads within the mine lease to wetted regularly. The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. will be installed at Crushers, belt-conveyors and other areas prone to air pollution. Covered belt conveyor will be install to avoid generation of dust while transportation. All the necessary measures will be taken to avoid generation of fugitive dust emissions.
VIII. Green Belt		
41	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.	Noted. Plantation shall be developed in the safety zone area within time bound manner.
42	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.	Noted. We will carry out plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species. The CPCB guidelines will be followed and the tree density will be maintained around 2500 saplings per Hectare. All the activities will be taken care as per approved mining plan.
43	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be	Not applicable As there is no any grazing land involved.

	promoted.	
44	The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wild Life Warden of the State Govt.	A Wildlife Conservation Plan has been prepared & approved by Chief Wild Life Warden. There is no any endangered flora, fauna and Schedule-I species found.
45	And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.	A Wildlife Conservation Plan has been prepared & approved by Chief Wild Life Warden.
IX. Public hearing and human health issues		
46	The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be taken. A status report on the same may be sent to MoEFCC Regional Office and DGMS on half-yearly basis.	Noted. Regular IME/PME as per DGMS guidelines will be carried out. Report of same shall be submitted to RO, MoEF&CC on 6 monthly basis.
47	The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the HRA. The HRA for neighborhood has to focus on Public Health Problems like Malaria, Tuberculosis, HIV, Anaemia, Diarrhoea in children under five, respiratory infections due to bio mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line HRA for all the category of workers and thereafter every five years.	Noted. Health Risk Assessment and Awareness programmes will be carried in surrounding villages. Records for Medical report will be maintained by OHC.
48	The Proponent shall carry out Occupational health surveillance which be a part of HRA and include Biological Monitoring where practical and feasible, and the tests and investigations relevant to the exposure (e.g. for Dust a X- Ray chest; For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologic Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) Estimation in Blood; For Inorganic Chromium- Fortnightly skin inspection of hands and forearms by a responsible person. Except routine tests all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must be kept for 30 years, including the results of and the records of Physical examination	Noted. All mentioned tests will be done & records will be maintained.

	and tests. The record of exposure due to materials like Asbestos, Hard Rock Mining, Silica, Gold, Kaolin, Aluminium, Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one). X-Ray must meet ILO criteria (17 x14 inches and of good quality).	
49	The Proponent shall maintained a record of performance indicators for workers which includes (a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5 -24.9, (b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities ,(c) At the end of their leading job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1), Forced Vital Capacity (FVC), and the ratio) unless they are smokers which has to be adjusted, and the effect of age, (d) their hearing should not be affected. As a proof an Audiogram (first and last need to be presented), (e) they should not have developed any Persistent Back Pain, Neck Pain, and the movement of their Hip, Knee and other joints should have normal range of movement, (g) they should not have suffered loss of any body part. The record of the same should be submitted to the Regional Office, MoEF&CC annually along with details of the relief and compensation paid to workers having above indications.	Noted. All mentioned tests & records will be maintained and report of the same will be submitted to RO, MoEF&CC.
50	The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	Noted. Adequate PPE Shall be provided to all personnel working in the mines.
51	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.	Not Applicable. As the construction labours shall be engaged from local areas. However mobile toilets, mobile STP, safe drinking water, medical health care will be provided as per requirement.
52	The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.	All activities mentioned in Action plan will be implemented in Phased manner.
X. Corporate Environment Responsibility (CER)		
53	The activities and budget earmarked for Corporate Environmental	CER activities & expenditure report is attached

	Responsibility (CER) as per Ministry's O.M No 22-65/2017-IA. II (M) dated 01.05.2018 or as proposed by EAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.	as Annexure-2.
54	Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the MoEFCC and its concerned Regional Office.	Environmental protection measures and expenditure will be compiled & submitted to RO, MoEF&CC.
XI. Miscellaneous		
55	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEFCC.	Noted. Digital map shall be prepared by engaging 3 rd party, once in every 5 years.
56	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Noted.
57	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	Being Complied. We are regularly submitting six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
58	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.	A separate environmental management cell with full-fledged laboratory facilities has been developed under the control of a Senior Executive who reports directly to the Unit Head.
59	The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data / information / monitoring reports.	Noted. We will always extend our full co-operation.
60	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake re- grassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.	Noted. Re-grassing after backfilling at the end of life of mines as per approved Mining Plan will be done.

Additional Specific Conditions as per Amendment in EC letter no. J-11015/64/2017-IA. II(M) dated 29th October, 2021.

i	No mining activity will be allowed in 0.924 ha of grazing land as indicated by PP during the presentation. If grazing land is non-mineralized zone, it should be protected and made accessible and if it is in mineralized zone, compensatory grazing land double to the land under grazing should be created in non-mineralized with access for grazing. PP shall inform the location of the such grazing land to the IRO.	Noted.
ii	All the other terms and conditions of earlier Environmental clearance dated 15.05.2020 shall remain unchanged.	Noted.