



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Manager - Environment
AMBUJA CEMENT LIMITED
228, Udyog Vihar, Phase-I,,Gurgaon,Haryana-122016

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/RJ/MIN/98212/2017 dated 31 Jul 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC22A001RJ157887 |
| 2. File No. | J-11015/82/2017-IA.II (M) |
| 3. Project Type | Expansion |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals |
| 6. Name of Project | Proposed Expansion in Limestone Production capacity from 0.279 Million TPA to 2.80 Million TPA and installation of Crusher of 1200 TPH in RAS-I Limestone Mine (ML No. 10/94, ML Area- 183.53 ha) At Vi |
| 7. Name of Company/Organization | AMBUJA CEMENT LIMITED |
| 8. Location of Project | Rajasthan |
| 9. TOR Date | 28 Sep 2017 |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 29/06/2022

(e-signed)
Pankaj Verma
Scientist E
IA - (Non-Coal Mining sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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F.No.J-11015/82/2017-IA.II (M)
Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division

2nd Floor, Prithvi Block
Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj
New Delhi-110 003
Date: 28th June, 2022

To,

M/s Ambuja Cement Limited
228. Udyog Vihar, Phase-I,
Gurgaon, Haryana-122016

Sub: Expansion in Environmental Clearance in RAS-I Limestone mine in the mine lease area of 183.53 ha (ML No. 10/94) with increase in Limestone production capacity from 0.279 MTPA to 2.80 MTPA and sizing of the material using crusher and the wobbler of 1200 TPH located at Villages Sewariya, Bhaktawarpura, Dhaneriya, and Kotadiya, Tehsil Jaitaran, District Pali, Rajasthan of M/s Ambuja Cements Limited – reg.

Sir,

This has reference to the proposal no. IA/RJ/MIN/98212/2017 for grant of expansion in Environmental Clearance in RAS-I Limestone mine in the mine lease area of 183.53 ha of M/s Ambuja Cements Limited. The proposal is for increase in Limestone production capacity from 0.279 MTPA to 2.80 MTPA and sizing of the material using crusher and the wobbler of 1200 TPH. The mine site is located at Villages Sewariya, Bhaktawarpura, Dhaneriya, and Kotadiya, Tehsil Jaitaran, District Pali, Rajasthan of M/s Ambuja Cements Limited.

2. Project details:

Location	Latitudes	26°23'12.75" N to 26°24'16.61"N
	Longitudes	74°13'26.32" E to 74°14'35.49"E
	Sol Topo sheet No.	Core zone : G43I3 Buffer zone : G43I3 & G43I7
Accredited Consultant and certificate no.	J.M. EnviroNet Pvt. Ltd. Certificate no. NABET/EIA/2023/RA 0186	
KML file	Submitted	
Seismic zone	Zone – II as per IS: 1893 (Part-I) : 2002	

3. Category details:

 M/s Ambuja Cement Limited, Rajasthan

Page 1 of 26

Category of the project	Category "A" under Schedule 1(a) – Mining of Minerals activity
Provisions	EIA Notification dated 14th September, 2006.
Mining lease Area	183.53 Ha (Govt. Land- 180.43 ha & Private Land- 3.10 Ha)

4. Terms of Reference and previous Environmental Clearance details:

ToR Proposal No.	IA/RJ/MIN/66058/2017
Online application date for Form-I	July 10 th , 2017
Documents Submitted	Form I, PFR, Brief Information, Proposed ToR, SOI Toposheet etc.
EAC meeting date	29.08.2017
ToR Letter No.	J-11015/82/2017-IA.II (M)
ToR grant Date	28.09.2017
Production capacity	2.80 Million TPA
Soil	Nil
Waste	0.25 million TPA
Others	0.49 million TPA (Mineral Reject)
Total Excavation	3.54 Million TPA
Crusher	1 x 1200 TPH
EIA/EMP uploaded on	01.02.2019
Previous EC details	Environmental Clearance for existing limestone production Capacity of 0.279 million TPA has been obtained from MoEFCC vide letter no J-11011/54/2010-IA-II (I) dated 29.03.2012
Date of earlier EAC meeting for the appraisal of EC	35 th EAC Meeting on 16.08.2021

5. ADS details: Project was considered for Environmental Clearance in 35th EAC (Non-coal Mining) meeting held on 16.08.2021. Additional Details Sought was raised on 26.08.2021. Reply of Additional Detail Sought was submitted to MoEFCC on 21.04.2022 which is as follows:

S. No	ADS Point points sought on 26.08.2021	Reply submitted by the project proponent on 21.04.2022
1.	The project proponent needs to undertake the plantation in the next 2 months in order to complete it as committed using 3 m sapling as per approved mining plan including the	<ul style="list-style-type: none"> ➤ Total Length of mining lease periphery is calculated as 6040 m. ➤ Area for greenbelt under 7.5 m lease periphery is estimated as 4.53 ha. ➤ Out of 4.53 ha area of greenbelt, 3.0

M/s Ambuja Cement Limited, Rajasthan

Page 2 of 26

	peripheral plantation	<p>ha area has been covered with 7500 no of Sapling of 10 feet height in and around Mines area and remaining 1.53 ha area cannot be covered with greenbelt due to stony land.</p> <ul style="list-style-type: none"> ➤ Range Forest Officer, Sendra has also visited the site for verification of plantation work. ➤ A certificate from Ranger Officer, Sendra, District Pali has also been received vide letter no Survey/2021-22/125 dated 09.03.2022 stating that out of 6040 m length of lease periphery, it will not be appropriate to do plantation on 1800 m length due to hill area. ➤ Plantation including selection of species work has been undertaken with the due consultation / supervision of DCF, Sendra Office, District Pali. ➤ Major sapling species are Sessam, Gulmohar, Neem, Karanj and Cassia saima. ➤ Photographs showing plantation done in the lease area has been submitted with ADS Reply
2.	The project proponent needs to submit the revised wildlife conservation plan as per the suggestions made by the EAC during the presentation.	Revised Wildlife Conservation Plan has been approved from Chief Wildlife Warden vide letter no F 11 (421) Vikas-II/CWLW/2021-22/510 dated 12.04.2022. Copy of same submitted with ADS Reply
3.	The project proponent needs to submit the revised EMP for proposed crusher, transportation of 18 km of the mineral and along with the revised EMP budget assigned. The project proponent needs to submit the revised EMP for public hearing concerns indicating capital cost (85 lakhs) with breakup of 3 years which can be monitored by the	Earlier, Total Capital cost proposal for EMP was Rs. 974 Lakh which has now been increased as Rs. 1216.70 Lakh (~24% up from the previous budget given). Detailed breakup of EMP budget (Existing and proposed) submitted with ADS Reply.

 M/s Ambuja Cement Limited, Rajasthan

Page 3 of 3

	Ministry	
4.	The project proponent needs to submit the budget of plantation which is to be revised by increasing the cost of sapling which was taken as 200 to 300 and completing the plantation at the density of 2000 plants/ha. Also, make a provision for gap plantation ensuring 95% survival rate and resubmit the budget for first 5-year plan and also till the conceptual closure of mine	Earlier budget earmarked for greenbelt and plantation was Rs. 1.2 Crore which has been now increased as Rs. 3.71 Crore (Capital) and Rs. 1.30 Crore (Recurring). Detailed breakup of budget earmarked for greenbelt and plantation submitted with ADS Reply.
5.	The project proponent needs to submit the impact of change in topography on hydrology as well as change in water availability in the nearby area since the hydrology of the area may change due to chopping of the hill.	<ul style="list-style-type: none"> ➤ Since the area is devoid of any perennial drainage pattern or water body or any other prominent geomorphological features, mining will not create as such any adverse impact. ➤ However, rain fall which will be falling in the Lease area shall be affected and efforts to divert rainwater in to nearby water pond shall be undertaken. ➤ Till conceptual stage ~78 Ha area shall be affected due to mining, total expected rainwater in the mining affected area would be ~ 0.34 MCM which partly shall be channelized to nearby pond through storm drain and rest will be available in the mine pit which shall act as a small water reservoir for few days considering the very meager rainy days and high evaporation. ➤ Water Table (~370 AMSL) shall also be far below the ultimate mine pit depth (396 AMSL) which clearly indicates – no adverse impact on surrounding ground water regime of the area. ➤ However, Ambuja is pursuing various activities on water harvesting / recharging which shall certainly create a positive impact on ground water

		<p>environment.</p> <ul style="list-style-type: none"> ➤ As per the proposal / commitment of the company, over the years, the population of trees shall be increased significantly in the vicinity which shall also develop a positive impact on the environment. ➤ Therefore, in totality, as such no adverse impact due to mining activity has been envisaged.
6.	The project proponent needs to submit the particle emission considering it as elevated source at 10 m interval and work out the zone of impact using source-receptor model.	The particle emission has been calculated at 10 m interval and work out the zone of impact using source-receptor model. Its value calculated as 4.63 µg/m ³ . Isopleth showing particle emission using source-receptor model submitted with ADS Reply.
7	The project proponent needs to survey the plantation using drone and submit it in order to show the clear picture of plantation completed till date using drone survey video	As advised drone survey has been undertaken. Photographs of drone survey showing plantation within mining lease area submitted with ADS Reply.
8	The project proponent needs to submit a detailed note on switch over from road transportation to conveyer transportation from RAS-1 to the plant site near RAS- 2 with due consideration that it has to cross a railway crossing and a highway. PP submitted that the work can be completed in 3 years.	<ul style="list-style-type: none"> ➤ Ras-II existing mines which is close to Plant is having quality issues ➤ Ras-I Limestone is comparatively better-quality Limestone with good quantity resources ➤ To manufacture cement we need to blend more quantity of Limestone from Ras-I mines to achieve desired Raw mix ➤ We require Limestone from Ras-I to the tune of 2.8 MTPA. However, it shall be achieved in a phased manner. (1.2/1.5/1.8/2.0/2.8MTPA) ➤ We urge to grant us permission to transport Limestone to the maximum extent of 1.8MTPA through Road and above that shall be transported through OLBC. ➤ Since, land procurement, road survey and various permissions to cross State

M/s Ambuja Cement Limited, Rajasthan

Page 5 of 5

		<p>Highway will take considerable time of 03 years.</p> <p>➤ Existing road conditions are pretty well and can take load of increased no of vehicles for 1.8MTPA. However, as per CRRI, it was confirmed that the existing road can take load for entire desired capacity expansion of Limestone i.e., 2.8 MTPA.</p> <p>➤ Nevertheless, as earlier we are committed, the complete increased capacity of 2.8 MTPA shall be transported through OLBC / dedicated corridor.</p>
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6. Lease Details:

Granted Mine lease	Area	183.53 ha
	In favor of	DLF Cements Ltd.
	Letter details	P-3(28)/Mine/Group-1/92 dated 24.04.1997 for a period of 20 years w.e.f date of lease registration.
	Execution date	13.06.1997
	Registration date	25.11.1997
First mine lease transfer	Transfer of mining lease from M/s. DLF Cements Ltd to Ambuja Cement Rajasthan Ltd (ACRL) was done by State Govt vide their order no P-3(28)/Mine/Group-1/92 dated 16.05.2005 of which supplementary lease execution was done on 17.11.2005.	
Second mine lease transfer	Transfer of mining lease from Ambuja Cement Rajasthan Ltd (ACRL) to Gujarat Ambuja Cements Ltd (GACL) was done by Directorate vide their order no Nikhabhu/Sojat/CC.8/P.1(1)10/1994/2073 dated 06.12.2005 which was executed on 02.01.2006 and registered on 10.01.2006.	
Validity of mine lease	Mining Lease has been extended upto 24.11.2047, under Section 8A (5) of M.M.D.R. Amendment Act 2015. Letter for the same has also been obtained from the Office of Mining Engineer, Department of Mines and Geology, Rajasthan vide their letter no. ME/Sojat/Major/ML/10/1994/2055 dated 24.02.2015 in favor of GACL.	

 M/s Ambuja Cement Limited, Rajasthan

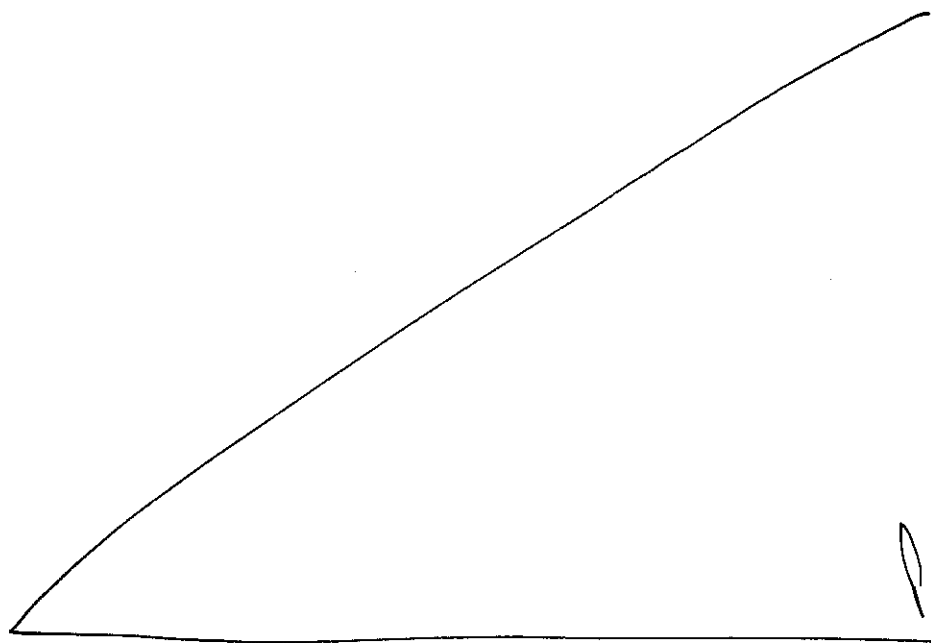
Page 6 of 6

Third mine lease transfer	Transfer of Mining Lease from Gujarat Ambuja Cements Ltd (GACL) to Ambuja Cements Ltd (ACL) is under process with Department of Mines & Petroleum. Letter has been forwarded from Directorate of Mines & Geology to Department of Mines & Petroleum vide their letter no Nikhabhu / Major / Sojat / CC.I / M.L.2 / 94 / 1360 dated 07.09.2017.
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7. Mining plan details:

Mining Plan (approved by Indian Bureau of Mines/DMG)	Letter No.	584(4)(3)(1739)/2018 RCM-AJM/787-790
	Date	07.06.2018
	Validity	2021 - 2022
Mining Parameters	Quantitative Description	
Bench Height	8 m	
Bench Width	18 m	
Method of Mining	Open Cast Mechanized Mining Method	
Individual bench slope	80-90 degree will be maintained	
Overall pit slope	45°	

Paulcoj



Paulcoj Venna

Drilling/Blasting	<p>Since the limestone is hard and compact, drilling is required to break the rock. Drilling is being/ will be carried out by crawler mounted DTH hammer Drill machine equipped with in built arrangement of water sprinkling for dust suppression and separate dust extraction system. Following drilling parameters are being/ will be used to meet the production requirements:</p> <ul style="list-style-type: none"> ➤ Bench Height : 8 meters ➤ Drill Hole dia : 115 mm ➤ Burden : 3 - 3.5 meters ➤ Spacing : 3.5 -4 meters ➤ Sub Grade Drilling: 10% of the Bench height <p>Blasting is being/ will be done using the non electric shock tube initiating system like Noiseless Trunkline Delays. The oversized boulder generated during primary blasting is being/ will be broken up by hydraulic rock breaker. No secondary blasting is envisaged in this mine.</p> <p>Blasting Parameters</p> <ul style="list-style-type: none"> ➤ Burden : 3 m to 3.25 m ➤ Spacing : 3.5 m to 4.0 m ➤ Stemming : 1/3 of the hole depth ➤ Sub Grade Drilling : 10% of the Bench height ➤ Charge of explosive per hole : Bottom primer charge 5-6 Kg and Column charge 35-40 Kg ➤ Powder factor : 8 tonnes per kg ➤ Average no. of holes blasted : 50 ➤ Maximum holes blasted per delay : 01
RoM output size	-80 mm
Life of mine	45 years
Transportation details	<p>Presently, the uncrushed ore is being transported to the crusher of 1200 TPH Capacity at RAS-II Mine by Dumpers. Then the crushed material is being transported to the Captive Cement Plant by the tippers. With the proposal of increased capacity of Limestone Production, it is also proposed to install crusher of 1200 TPH, belt conveyor and screening Plant system with Limestone storage facility at RAS-I Mine so that the crushed limestone can be directly transported to the cement plant by tippers</p>

Dumpers capacity	35 T
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8. Nearest village / town/ highway/railway station / water bodies:

Particulars	Particular's Name	Directions
Nearest village	Garh	~600 m in WSW direction
Nearest Town / City	Beawar	~32 km in SSE direction
Nearest State/National Highway	SH-39	~10.30 km in SW direction
	NH-8	~30 km in SE direction
Nearest Railway Station	Beawar	~32 km in SSE direction
Nearest water bodies	AgunaBala	~3.5 km in ESE direction
	PhutiyaBala	~3.5 km in East direction
	SukriNadi	~4.0 km in North Direction
	AthunaBala	~4.0 km in NE Direction
	ChhoraloBala	~6.0 km in NE Direction

9. Water requirement:

Total water requirement	120 KLD	Fresh water	120 KLD
		Treated water	-
Source	Sourced from groundwater.		
Permission	Application for withdrawing ground water has been submitted to CGWA vide letter dated 26.10.2017		

10. Presence of Environmentally Sensitive areas in the study area:

Forest Land/Protected Area/Environmental Sensitivity Zone	Yes/No	Details of Certificate/letter/Remarks
Forest Land	No	No forest land falls within the lease area. A Certificate showing No forest land involved within the ML area has been obtained from Deputy Conservator of Forest, Pali vide letter no.F () DCF/Survey/2018-19/3681 dated 02.07.2018
National park	No	There is no National Park, Wildlife Sanctuary,

Sanjay Verma

Wildlife Sanctuary & Forest	No	Biosphere Reserves, Tiger Reserves, and Wildlife Corridors etc. within 10 km radius of the mining lease area. One Pagara Block Reserve Forest and one Protected Forest falls within 10 km radius study area. Letter along with authenticated location map has been received from Deputy conservator of Forest, Pali vide letter No./F() DCF/Survey/2018-19/3681 dated 02.07.2018.
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Schedule-1 species	Yes/No	Details of Certificate/letter/Remarks
Schedule-I species	Yes	Two scheduled –I Species i.e. Monitor lizard (<i>Varanus bengalensis</i>) & Indian Peafowl (<i>Pavocristatus</i>) were found within 10 km radius of the Mining Lease area.
Wildlife Conservation plan	Yes	Conservation plan for two schedule I specie i.e. Monitor lizard & Indian Peafowl has been approved from Dy. Conservator of Forest vide letter No. /F () DCF/Survey/2018-19/3681 dated 02.07.2018.

11. Status of CTE/CTO.

- CTE was obtained for 0.279 million TPA limestone production capacity vide letter dated 09.07.2012.
- CTO was obtained from RSPCB vide letter dated 17.01.2020 for 0.279 million TPA production capacity (Valid till 31.07.2023)

12. Green belt/plantation details:

Proposed area for green belt/plantation	57.4 ha
Budget for green plant & plantation till the end of life of mine.	Rs. 3.70 Crore (Capital) and Rs. 1.30 Crore (Recurring)
Particulars for Green belt/plantation	Area covered (in Ha)
7.5 m barrier & non-mineralized zone	4.53 ha

13. Baseline details:

Baseline Data (Air / Water / Noise / Soil / Ground water table/ others)	
Period of baseline data collection	October to December, 2017 and December, 2020
Season (Summer / Pre-monsoon / Post-monsoon / Winter)	Post Monsoon Season

14. Public Hearing details:

M/s Ambuja Cement Limited, Rajasthan

Page 10 of 10

Advertisement for PH with date	19.09.2018 ("DainikNavjyoti" and "The Times of India")
Date of PH	25.10.2018
Venue	Atal Sewa Kendra, Gram Panchayat, Kudki, Tehsil-Jaitaran, District Pali, State Rajasthan
Chaired by	Shree Sudhir Kumar Sharma, District Collector, Pali. Mr. Amit Sharma, Regional Officer, Rajasthan State Pollution Control Board
Main issues raised during PH	Issues raised during public hearing were about Social Development in the nearby area, Environment, Employment, Construction of Road & Gaushala, Skill Development, Water facilities etc.
Budget proposed for addressing issues raised during PH	Rs. 85.0 Lakhs

15. Court case details:

Court Case	The company already has valid EC / CTO in the name of Ambuja cements Limited. However, Name Change matter is subjudice and the company has obtained stay from Honorable High Court.
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16. Affidavit/Undertaking details:

Affidavit/Undertaking	Affidavit in accordance with the statutory requirement & judgment of Hon'ble Supreme Court dated 2nd August 2017 in writ Petition (civil) No. 114 of 2014 in the matter of common cause versus Union of India & Ores before grant of ToR/EC has been submitted to MoEFCC.
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17. Previous EC compliance and production details:

Particulars	Letter no. and date
Certified EC compliance report	Compliance status of existing EC was certified by RO, MoEFCC vide their letter dated 06.07.2021 and Action plan of 3 partial complied conditions submitted to RO, MoEFCC on 22.07.2021.
Certified past production	Past Production details has been certified by Mining Department vide letter no ME/Sojat/Static/2019/356 dated 09.03.2021

18. Details of the EMP budget:

M/s Ambuja Cement Limited, Rajasthan

Page 11 of 11

Sl. No.	Activities	Proposed budget (In Lakhs)	
		Capital	Recurring
A.	Mitigative Measures		
1.	Water tanker mounted water sprinkling arrangement for water spraying at haulage road, Mining area (Proposed 1 nos. @ 30 lakhs per truck mounted water tanker)	30.00	10.00
2.	Approx 11000 No. of saplings around lease periphery and gap plantation work in the lease area @ Rs.300 including cost of seedling, plantation, manuring, pesticide / termite and watch & ward, watering.	33.00	11.55
3.	Green belt development around the Conveyor Belt 7200 Plants @300	21.60	7.56
4.	Plantation on un-worked area, safety zone of nallah, habitation, including avenue plantation around Mines office (6.2 ha)	-	2.00
5.	Plantation for first 05 years @ 2000 Plants per ha (5 ha) @ Rs 300	30.00	10.50
6.	Balance Plantation till conceptual stage (95,200 sapling over 47.6 Ha area, total 52.60 Ha area)	285.60	99.9
7.	Wheel washing setup with civil work	10.00	0.50
8.	Inbuilt water sprinkling system at Crusher & screening plant	15.00	1.00
9.	Bag-filter / de-dusting system	300.00	5.00
9.	Covered silo	280.00	3.00
10.	Construction of one no of garland drain is proposed (in length of 500m, width 1m, height 1m)	5.00	2.00
11.	Construction of one no of retaining wall is proposed (Length 500m, width 1m, height 1m)	5.00	2.00
12.	Vacuum cleaner (for road brooming purpose)	30.00	1.15
13.	Washing Ramp	10.00	0.50
14.	Oil- water separator	2.00	0.25
15.	Pond rehabilitation work	5.00	0.75
	Sub Total	1062.2	157.66
B.	Monitoring		
1.	Display Board at main gate for display of Ambient, Air, Noise and Hazardous waste monitoring data.	0.00	0.20
2.	One proposed online AAQM Station in mines area	50.0	2.50
3.	Air monitoring Equipment for PM10 & PM2.5	-	1.00
4.	Weather monitoring Station with civil work.	2.50	0.50

M/s Ambuja Cement Limited, Rajasthan

Page 12 of 12

5.	3 AAQM Station in mines area (Manual)	-	0.20
6.	Monitoring Van	-	3.50
7.	Installation of piezometers	10.00	1.00
8.	Water quality and level monitoring at mine site and villages (2 locations).	1.00	2.00
9.	Workshop Waste water quality analyses	0.00	0.25
10.	Water Flow meter (02 nos)	3.00	0.50
11.	<ul style="list-style-type: none"> ➤ The Peak particle velocity monitoring for nearest habitation ➤ Noise Level Monitoring in core and buffer zone 	3.00	0.25
	Sub Total	69.5	11.9
C.	Estimated Budget for Addressing the Public Hearing Issues	85.0	8.5
	Total	1216.7	178.06

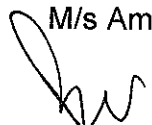
19. Details of project cost and employment:

Particulars	Budget
Capital Cost for Environment Protection	Rs. 11.31 Crore
Budget for addressing the Public Hearing issues	Rs. 0.85 Crore
Total Cost for EMP	Rs. 12.16 Crore
Recurring Cost for EMP	Rs. 1.78 Crore/ annum
Project Cost	Rs. 85 Crore
Employment	70 persons

20. The proposal for Environmental Clearance was considered in the 50th EAC meeting held during 12th to 13th May 2022. After detailed deliberations made by the Project Proponent and the Consultant, the Committee recommended the proposal for Environmental Clearance of expansion in Limestone production capacity from 0.279 MTPA to 2.80 MTPA and sizing of the material using crusher and the wobbler of 1200 TPH in RAS-I in the Mine lease area of 183.53 ha (ML No. 10/94) located at villages Sewariya, Bhaktawarpura, Dhaneriya, and Kotadiya, Tehsil Jaitaran, District Pali, Rajasthan of M/s Ambuja Cements Limited subject to the certain specific conditions in addition to the standard conditions of non-coal mining projects:

21. The Ministry has examined the proposal in accordance with the Environmental Impact Assessment Notification, 2006 and further amendments thereto; and hereby accords the Environmental Clearance after accepting the recommendation of 50th EAC meeting held during 12th to 13th May 2022 and corrigendum of 51st EAC meeting held on 30th May, 2022 for Environmental Clearance of expansion in Limestone production capacity from 0.279 MTPA to 2.80 MTPA and sizing of the material using crusher and

M/s Ambuja Cement Limited, Rajasthan




Page 13 of 13

the wobbler of 1200 TPH in RAS-I in the Mine lease area of 183.53 ha (ML No. 10/94) located at villages Sewariya, Bhaktawarpura, Dhaneriya, and Kotadiya, Tehsil Jaitaran, District Pali, Rajasthan of M/s Ambuja Cements Limited subject to compliance of the following terms & conditions and the environmental safeguards mentioned below:

A. Specific conditions:

- 1) The expansion in Environmental Clearance shall be functional only after execution of mine lease in the name of M/s Ambuja Cements Limited.
- 2) The plantation that has been carried out on the suggestion of EAC should be continued with more vigour. The details of plantation with survival rate shall be submitted to the Ministry annually.
- 3) On review of Wildlife Conservation Plan, the Committee noted that Rs. 10 Lakhs has been indicated as administrative budget. This should be removed from the Wildlife Conservation Plan.
- 4) The mineral beneficiation given in the EIA report is only the sizing of the material using crusher and the wobbler. So, this beneficiation in the instant case will be treated as sizing of material.
- 5) The project proponent shall implement switch over from road to OLBC in 30 months instead of 3 years. As per the plan submitted, the project proponent was supposed to complete the activity by May, 2025. However, it should be done before November, 2024. The status of the work completion shall be submitted to the Ministry annually.
- 6) The project proponent shall monitor water quality with specific reference to Langelier Saturation Index to assess the impact of calcium carbonate on water quality.
- 7) Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. Concerned State Pollution Control Board (SPCB) shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- 8) The monitoring of noise and vibration shall be conducted at the edge of the mine lease and the progress report must be submitted to the Ministry in every 6 months.

 M/s Ambuja Cement Limited, Rajasthan

Page 14 of 14

- 9) The fugitive dust emission through personal dust monitoring shall be conducted and the data must be submitted to the Ministry in every 6 months to the Ministry.
- 10) The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance on Silicosis shall be carried through regular occupational health check-up every year for mine workers.

B. Standard conditions for Mining of Mineral:

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.
- 2) The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd 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.
- 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 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
- 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.
- 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.
- 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.
- 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 issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines from time to time.



M/s Ambuja Cement Limited, Rajasthan

Page 15 of 15

- 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.
- 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".
- 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.
- 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.
- 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.
- 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.
- 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.

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 climatologically 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

 M/s Ambuja Cement Limited, Rajasthan

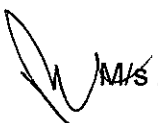
Page 16 of 16

characteristics at specific places. The above data shall be digitally displayed within 03 months 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, metalled 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 equipments/ 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.

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.
- 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 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 wall 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.
- 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.
- 20) The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the



M/s Ambuja Cement Limited, Rajasthan

Page 17 of 17

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-à-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.

- 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 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.
- 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.
- 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.

IV. Noise and vibration monitoring and prevention

 M/s Ambuja Cement Limited, Rajasthan

Page 18 of 18

- 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.
- 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.
- 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.

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, 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 of 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.
- 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-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved

 M/s Ambuja Cement Limited, Rajasthan

Page 19 of 19

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.

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.
- 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.
- 33) The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum Progressive Mine Closure 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 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/ leveling 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.
- 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.
- 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.

- 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.

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 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 centers.
- 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 equipments 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.

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

 M/s Ambuja Cement Limited, Rajasthan

Page 21 of 21

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.

- 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.
- 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 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.
- 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.

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.
- 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.

- 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 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 leaving 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, (f) they should not have suffered loss of any body part. The record of the same should be submitted to the Regional Office, MoEFCC annually along with details of the relief and compensation paid to workers having above indications.



M/s Ambuja Cement Limited, Rajasthan

Page 23 of 23

- 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.
- 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.
- 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.

X. Corporate Environment Responsibility (CER)

- 53) The activities and budget earmarked for Corporate Environmental 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.
- 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.

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 MoEF&CC.
- 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.
- 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



M/s Ambuja Cement Limited, Rajasthan

Page 24 of 24

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.
- 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.

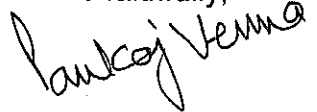
22. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

23. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attracts action under the provisions of Environment (Protection) Act, 1986.

24. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Rajasthan and any other Court of Law relating to the subject matter.

25. Any appeal against this environmental clearance 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.

26. This issues with the approval of Competent Authority.

Yours faithfully,

(Pankaj Verma)
Scientist E

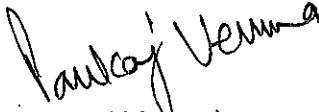
Copy to:

1. The Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi-110 001.

M/s Ambuja Cement Limited, Rajasthan

Page 25 of 25

2. The Secretary, Department of Mines & Geology, Government of Rajasthan, Secretariat, Jaipur.
3. The Secretary, Department of Environment, Government of Rajasthan, Secretariat, Jaipur.
4. The Secretary, Department of Forests, Government of Rajasthan, Secretariat, Jaipur.
5. The Chief Wildlife Warden, Government of Rajasthan, Jaipur.
6. The Deputy Director General of Forests (C), Ministry of Env., Forest and Climate Change, Integrated Regional Office, A-209&218, Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur – 304 002, Rajasthan.
7. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110 032.
8. The Member Secretary, Central Ground Water Authority, 18/11, Jam Nagar House, Man Singh Road, New Delhi-110 011.
9. The Chairman, Rajasthan State Pollution Control Board, Jaipur, Rajasthan.
10. The Controller General, Indian Bureau of Mines, Indira Bhawan, Civil Lines, Nagpur-440 001.
11. The District Collector, Pali, Rajasthan.
12. Guard File.
13. PARIVESH Portal.


(Pankaj Verma)
Scientist E