

INDIAN BUREAU OF MINES

--:-- Inspection Report --:--

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	SANGAMKALAN NO. 2	Lease Area (Ha) :	131.70
Forest Area (Ha) :	N/A	Mine Code :	38APR23003
Registration Number :	IBM/613/2011	Name of lessee :	The India Cements Limited
Address of lessee :	Coromandel Towers, 93,Santhome High Road, ,Karpagam Avenue, Raja Annamalai Puram,, Chennai	Phone of lessee :	044-2857210
Email of lessee :	Palanikumaresan.m@indiacements.co.in	Fax Number :	N/A
Village :	Sangam Kalan	Taluka / Mandal :	Tandur
District :	Vikarabad	Pincode :	600028
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Tandur	Nearest Railway Station :	Tandur
Date of Grant of Mining Lease :	2000-12-22	Date of Mining Lease Execution :	2000-12-22
Date of opening in the mine :	2002-09-28		

Nominated Owner Details			
Name of the Nominated Owner :	Mr E R RAJ NARAYANAN	Nominated Owner Address:	COROMANDEL TOWERS, 93, SANTHOME HIGH ROAD, CHENNAI
Nominated Owner Mobile :	9710911585	Nominated Owner Email :	Mines@indiacements.co.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-12-25
Mining Engineer Details			
Name of the Mining Engineer :	T.V. Satya Prasad	Qualification of Mining Engineer :	B.E.Mining.
Address of Mining Engineer :	M/s The India Cements Limited Malkapur Village, Tandur Mandal, Vikarabad District, Telangana State,	Phone of Mining Engineer :	818601033
Email of Mining Engineer :	Mkp_mines@indiacements.co.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-10-16		
Geologist Details			
Name of the Geologist :	N. Janardhan Reddy	Qualification of Geologist :	Msc. Geology
Address of Geologist :	M/s The India Cements Limited Malkapur Village, Tandur Mandal, Vikarabad District, Telangana State,	Phone of Geologist :	949103537
Email of Geologist :	Mkp_mines@indiacements.co.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2017-04-26		
Mine Manager Details			
Name of the Mine Manager :	N. Chaitanya,	Qualification of Mine Manager :	B.E.Mining

Address of Mine Manger :	M/s The India Cements Limited Malkapur Village, Tandur Mandal, Vikarabad District, Telangana State,	Phone of Mine Manger :	9491035372
Email of Mine Manger :	Chaitanya.n@indiacements.co.in	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2022-03-23		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2024-10-28 (2025 - 2029)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	MK KALMATA
Designation :	RMG
Name of the Accompanying Official from Mine :	Virtual inspection
Designation of the Accompanying Official :	Not applicable
Type of Inspection :	MCDR
Date of Inspection :	11/03/2025
Review year considered for MCDR Inspection :	2023-2024

Final Submitted

2.2.1 : Exploration Details

S.N.	Items for Reporting		As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of Core Boreholes		None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	So far, 73 core holes have been drilled, with a total meterage of 3395 meters.	Nil
2	Number of DTH Boreholes		None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
3	Number of exploratory pits / trial pits		None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	No exploratory pits or trial pits have been made so far.	Nil
4	Number of exploratory Trenches		None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	No exploratory trenches have been made so far.	Nil
5	Lateral exploration status for the lease area	G1	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	The total lease area is 131.70hectares, & Entire lease area is mineralized. The entire mineralized area has already been explored under the G-1 level by drilling 73 exploratory boreholes, totaling3395	Nil

							meters in depth.	
6		G2	None in the year 2023-24.e.	None in the year 2023-24.	None.	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
7		G3	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
8		G4	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	(As per the approved document dated 20-12-2019) (In million tonnes) Total Reserves:- 90.85 Total Mineral Resources:- 29.66 Grand Total:-120.51	As on 01-04-2024 (In Million tonnes) Total Reserves:- 81.08 Total Mineral Resources:- 29.66 Grand Total:-110.74	None.	No Violation	Reserves/Resources are updated by depleting 9.77 million tonnes of ROM production achieved for the year 1-10-2019 to 31-03-2024.	Nil	

2.3.1 : Development - Opencast Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Location of development w.r.t. lease area	In the year 2023-24, there was a proposal to work between the co-ordinates N 1917930 to 1918175 and E 762511 to 763345	Actual working has been carried out between the co-ordinates N-1917970 to 1918298 and E 762645 to 763135	Due to less production there is a minor deviation in the working area. However, the operations have been carried out within the proposed five-year block period.	No Violation	The lessee has updated the current status of workings in the recently approved Review of Mining Plan submitted for the block period 2025–26 to 2029–30. Hence, no violation is being pointed out.	Nil
2	Quantity of overburden generation in m3	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	No overburden (OB) exists in the area proposed for working during the block period 2020–21 to 2024–25.	Nil
3	Quantity of topsoil generation in m3	12484 in the year 2023-24.	None in the year 2023-24.	In the year 202324, the production achieved was lower, and the working was carried out only in the already broken-up area; therefore, no topsoil was removed.	No Violation	The lessee has updated the current status of workings in the recently approved Review of Mining Plan submitted for the block period 2025–26 to 2029–30. Hence, no violation is being pointed out.	Nil
4	Stripping ratio : ore to OB ratio	1:0	1:0	None.	No Violation	None.	Nil

2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of pits / Blocks proposed for production	One pit in the year 2023-24.	One pit in the year 2023-24.	None.	No Violation	Dimension of the pit is 770m(L) x 630m(W) x 54m(H)	Nil
2	Quantity of ROM mineral production proposed (in T)	2998372 tonnes in the year 2023-24.	1802500 tonnes in the year 2023-24.	Production decreased by 39.88% in the year 2023-24.	No Violation	The lessee has updated the current status of workings in the recently approved Review of Mining Plan submitted for the block period 2025–26 to 2029–30. Hence, no violation is being pointed out.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	2998372 tonnes in the year 2023-24.	1802500 tonnes in the year 2023-24.	Production decreased by 39.88% in the year 2023-24.	No Violation	Recovery is 100%	Nil
4	Quantity of mineral reject/Sub-grade generation	None.	None.	None.	No Violation	Lessee is dispatching Entire ROM under	Nil

						Cement grade to the captive cement plant linked with the mine.	
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Not applicable.	Not applicable.	None.	No Violation	None.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	None.	None.	None.	No Violation	Lessee is dispatching Entire ROM under Cement grade to the captive cement plant linked with the mine.	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	In the year 2023-24, bench proposed in ore 8.00Mtrs and no OB bench was proposed.	7.00 to 8.5 mtr bench height was maintained. With average bench height of almost 7.5 mts	In some location minor deviation is observed in the bench parameter.	No Violation	Advised lessee to rectify the bench heights.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None.	None.	None.	No Violation	None.	Nil

Final Submitted

2.4.3 : Exploitation - Dump Working Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of dumps proposed for production	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
4	Production from dump(s) during the year	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
5	Quantity of mineral reject generation	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
6	Grade of mineral reject generation and threshold value declared	Not applicable.	Not applicable	None.	No Violation	None.	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
8	Manual / Mechanized method adopted for dump working	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil

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2.5.1 : OB/Waste Dumps Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old topsoil dump/bund exists in the western part of the lease area, and it is covered with plantation	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old topsoil dump/bund exists in the western part of the lease area, and it is covered with plantation	Nil
3	Number of active & Inative dumps	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old topsoil dump/bund exists in the western part of the lease area, and it is covered with plantation	Nil
4	Number of dead dumps	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old topsoil dump/bund exists in the western part of the lease area, and it is covered with plantation	Nil
5	Number of dumps proposed for	None in the year	None in the year	None.	No Violation	Plantation is	Nil

	stabilished	2023-24.	2023-24.			made on the one inactive topsoil dump/bund existing in the western part of the lease area.	
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	Plantation is made on the one inactive topsoil dump/bund existing in the western part of the lease area.	Nil

2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Status on part or full extraction of mineral from mined out area before starting backfilling	None in the present five year block period (2020-21 to 2024-25).	None in the present five year block period (2020-21 to 2024-25).	None.	No Violation	Mineral is not extracted up to the proved depth and no backfilling is proposed in the present five year block period (2020-21 to 2024-25)	Nil
2	Year-wise area under backfilling of mined out area	None in the present five year block period	None in the present five year block period	None.	No Violation	Mineral is not extracted up to the proved depth	Nil

		(2020-21 to 2024-25).	(2020-21 to 2024-25).			and no backfilling is proposed in the present five year block period (2020-21 to 2024-25)	
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	In the year 2023-24, it was proposed to generate and utilize 12,484 cubic meters of topsoil , with no provision for storage.	None in the year 2023-24.	The topsoil was not generated as proposed.	No Violation	In the year 2023–24, the production achieved was lower, and the working was carried out only in the already broken-up area; therefore, no topsoil was removed. However, the topsoil generated earlier was utilized for plantation within the lease area.	Nil
4	Total area fully reclaimed & rehabilitated	None in the present five year block period (2020-21 to 2024-25).	None in the present five year block period (2020-21 to 2024-25).	None.	No Violation	None.	Nil
5	Locations of proposed reclamation & rehabilitated	None in the present five year block period (2020-21 to 2024-25).	None in the present five year block period (2020-21 to 2024-25).	None.	No Violation	None.	Nil

2.7.1 : Progressive Mine Closure Plan (PMCP) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	Non in the present five year block period (2020-21 to 2024-25)	Non in the present five year block period (2020-21 to 2024-25)	None.	No Violation	None.	Nil
2	Rehabilitation by making water reservoir	Non in the present five year block period (2020-21 to 2024-25)	Non in the present five year block period (2020-21 to 2024-25)	None.	No Violation	None.	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	In the year 2023-24, 0.2 hectares of the safety zone were proposed for plantation with 500 saplings.	An area of 0.34 hectares was covered under plantation with 750 saplings.	None.	No Violation	None.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Yes, Air, Water and Noise monitoring was proposed in core and buffer zone.	Environmental monitoring in the core and buffer zone is carried out as per the proposal and result is within permissible limits.	None.	No Violation	Environmental monitoring is carried out by Lawn Enviro Pvt.Ltd., Hyderabad.	Nil

2.8.1 : Mineral Conservation Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	ROM Mineral dispatch or grade-wise sorting within lease area	Proposed dispatch of Cement grade ROM to Captive Cement Plant.	Dispatching Cement Grade limestone to the Captive plant attached to the lease	None.	No Violation	None.	Nil
2	Different grade of mineral sorted out at mines	Cement Grade	Cement Grade	None.	No Violation	Lessee is dispatching Cement grade limestone to Captive plant .	Nil
3	Any beneficiation process at mines	None.	None.	None.	No Violation	Lessee is sending ROM to the crushing plant which is existing near plant after crushing feeding to the plant.	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	None.	None.	None.	No Violation	Nil	Nil

Final Submitted

2.9.1 : Environment Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate removal and utilization of topsoil	Yes proposed.	None.	The topsoil was not generated as proposed.	No Violation	In the year 2023–24, the production achieved was lower, and the working was carried out only in the already broken-up area; therefore, no topsoil was removed.	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
4	Plantation & Survival rate	Proposed 500 sapling in the year 2023-24.	Planted 750 saplings in the year 2023-24 and survival rate is 75 to 80%.	Plantation was made more than the proposal.	No Violation	None.	Nil
5	Water sprinkling on roads to control airborne dust	Yes proposed.	To control airborne dust, the lessee is regularly spraying water on haul roads and within mining	None.	No Violation	Dust suppression is being carried out using a 10,000-litre capacity water tanker.	Nil

areas.

2.10 : Annual Return Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the preceding financial year.	Submitting Monthly and Annual returns within the time limit.	None.	No Violation	Submitted Annual returns for the year 2023-24 on 18-06-2024 and Submitted Monthly returns up to February 2025.	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	As per Annual returns submitted to this office for the year 2023-24, the details of Mining Engineer and Geologist are as follows. Mining Engineer: T.V.Satyaprasad and Geologist:- Janardhan Reddy.	The information furnished for Mining Engineer is found correct.	None.	No Violation	None.	Nil

3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Lessee has to submit all the information correctly in the Returns.	1)Dead Rent Adjustment: Dead rent has been included along with royalty and is adjusted at the end of the financial year against the royalty payment. 2)Exploration Details Missing: Exploration details for the year 202324 have not been submitted in the Annual Return. 3)As per Part V, section 5(iii) of the returns, the total number of trees at the end of the year should include the cumulative number of plantations carried out to date.	Submitted incorrect /incomplete information in the AR submitted for the year 2023-24.	No Violation	A show cause notice was issued for the same under Rule 45(7) of MCDR, 2017. As there is no option for issuing a direct show cause notice in the MTS Inspection module, it was issued through e-Office	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not applicable.	Not applicable.	None.	No Violation	The lease is valid for more than two years and submission of Final Mine closure Plan is not applicable	Nil
5	Notices and Returns for the lease area	None in the year	None in the year	None.	No Violation	The lessee has	Nil

	submitted or not where fine applicable	2023-24.Not applicable.	2023-24.			submitted all applicable notices and returns to this office.	
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale vale, cost of of production and ex-mine price is shown as Rs 194.24/T	The information furnished is found almost correct.	None.	No Violation	None.	Nil

2.11 : SDF Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Start Ratings accorded for mine during last 3 years	The applicant submitted a self-assessed 4-star rating for the year 2023-24.	After validation, the reporting mine obtained a 4-star rating in for the year 2023-24.	None.	No Violation	The lessee has been maintaining a Star Rating above the minimum required three-star rating, as stipulated under Rule 35(4A) of the Mineral Conservation and Development Rules (MCDR), 2017.	Nil

Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
1	Nil	None.

Part-IV : Summary Details

4.1 : Summary of Violations

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
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Esigned by: MK KALMATA
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