

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	38APR23004	Lease Area (Ha) :	221.92
Forest Area (Ha) :	N/A	Mine Code :	38APR23004
Registration Number :	IBM/1099/2011	Name of lessee :	PENNA CEMENT INDUSTRIES LIMITED
Address of lessee :	8-3-975, PLOT NO.128 ,SRINAGAR COLONY, HYDERABAD	Phone of lessee :	-
Email of lessee :	Veera.raghavulu@adani.com	Fax Number :	N/A
Village :	Ogipur	Taluka / Mandal :	Tandur
District :	Vikarabad	Pincode :	500073
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Karankot	Nearest Railway Station :	Tandur
Date of Grant of Mining Lease :	2018-03-13	Date of Mining Lease Execution :	2018-03-13
Date of opening in the mine :	2010-03-15		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr RAMARAO SUKURU	Nominated Owner Address:	ADANI CORPORATE HOUSE, SHANTIGRAM, AHMEDABAD
Nominated Owner Mobile :	9898506081	Nominated Owner Email :	Ramarao.sukuru@adani.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-09-02
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	C.Pavan Kumar Reddy	Qualification of Mining Engineer :	B.Tech, Mining
Address of Mining Engineer :	Penna Nagar, Bilkatur, Tandur-Mandal, Vikarabad - Dist, Telangana-501158	Phone of Mining Engineer :	7339956389
Email of Mining Engineer :	Chappidi.reddy@adani.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-06-06		
<b>Geologist Details</b>			
Name of the Geologist :	G,Manohar Reddy	Qualification of Geologist :	Msc, Geology
Address of Geologist :	Penna Nagar, Bilkatur, Tandur-Mandal, Vikarabad - Dist, Telangana-501158	Phone of Geologist :	9652423547
Email of Geologist :	Gona.reddy@adani.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-10-16		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	A. Aneelkumar	Qualification of Mine Manager :	Dip. Mining With First Class Certificate
Address of Mine Manger :	Penna Nagar, Bilkatur, Tandur-Mandal, Vikarabad - Dist, Telangana-501158	Phone of Mine Manger :	8096093332

Email of Mine Manger :	Annel.allanki@adani.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2022-04-25		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-04-17 (2025 - 2027)
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 :	A. Aneel kumar
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR
Date of Inspection :	27/02/2025
Review year considered for MCDR Inspection :	2023-2024

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**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	In the approved document dated 12 August 2022, there was a proposal to drill two boreholes in the year 2023-24.	No exploration was carried out by the lessee during the present plan period. However, the entire lease area had previously been explored at the G-1 level by drilling a total of 105 core holes, with a cumulative meterage of 3,087 meters.	The said exploration has not been carried out by the lessee during the present plan period	No Violation	The lessee has submitted a revised exploration proposal for the year 2025–26 in the recently approved MMP dated 17-04-2025. Therefore, no violation is noted.	Nil
2	Number of DTH Boreholes	None.	None.	None.	No Violation	The entire lease area is mineralized and has been explored up to the G-1 level through the drilling of 105 core holes, with a total depth of 3,087 meters.	Nil
3	Number of exploratory pits / trial pits	None.	None.	None.	No Violation	None.	Nil
4	Number of exploratory Trenches	None.	None.	None.	No Violation	None.	Nil

5	Lateral exploration status for the lease area	G1	None.	None.	None.	No Violation	The entire lease area is mineralized and has been explored up to the G-1 level through the drilling of 105 core holes, with a total depth of 3,087 meters.	Nil
6		G2	None.	None.	None.	No Violation	The entire lease area is mineralized and has been explored up to the G-1 level through the drilling of 105 core holes, with a total depth of 3,087 meters.	Nil
7		G3	None.	None.	None.	No Violation	The entire lease area is mineralized and has been explored up to the G-1 level through the drilling of 105 core holes, with a total depth of 3,087 meters.	Nil
8		G4	None,	None,	None.	No Violation	The entire lease area is mineralized and has been explored up to the G-1 level through the drilling of 105	Nil

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						core holes, with a total depth of 3,087 meters.	
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)	Reserves/resources as per approved document dated 8-12-2022 are as follows: (as on 01-09-2022) (In million tones) Total Reserves 130.043, Total Remaining Resources:- 4.823 Grand Total:- 134.866	Reserves/resources as per approved document dated 8-12-2022 are as follows: (as on 01-02-2025) (In million tones) Total Reserves 126.663, Total Remaining Resources:- 6.771 Grand Total:- 133.434	None.	No Violation	In the recent approved MMP dated 17-04-2025, lessee has re-estimated the reserves/resources	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 202425, there was a proposal to carry out work between coordinates N 1916235 to 1916533 and E 761335 to 761465 in the western	Work has not been carried out in the western part of the pit, while in the southern part, work has been carried out between coordinates N	Due to lower production, the work has not been carried out as per the proposal. Instead of two locations, work has been carried out at only one location.	No Violation	The lessee has submitted the Modified Mining Plan (MMP) for approval for the remaining part of the five-year block period 2025–26 to 2027–28, and has	Nil

		part of the pit, and between N 1915840 to 1916015 and E 761745 to 762059 in the southern part of the pit. Pit : 1 & Direction : south, west	1915770 to 1916225 and E 761745 to 762075.			updated the current workings up to 2024–25. Therefore, no violation is pointed out.	
2	Quantity of overburden generation in m3	None in the year 2024-25	None in the year 2024-25	None.	No Violation	No overburden (OB) handling was proposed or carried out during the year 2024–25.	Nil
3	Quantity of topsoil generation in m3	7900 in the year 2024-25.	63656 cum in the year 2024-25.	A total of 55,756 cubic meters was handled in excess of the proposal. In the southern part of the pit, work has been carried out beyond the proposed limits for the year 2024-25, and additional topsoil was removed to expose the ore body and extend the benches on the southern side.	No Violation	The lessee has submitted the Modified Mining Plan (MMP) for approval for the remaining part of the five-year block period 2025–26 to 2027–28, and has updated the current workings up to 2024–25. Therefore, no violation is pointed out.	Nil
4	Stripping ratio : ore to OB ratio	1:0	1:0	None.	No Violation	No overburden (OB) handling was proposed or carried out during the year 2024–25.	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 2024-25.	One pit in the year 2024-25.	Total nine pits are exists within the lease area. Out of which Currently, the lessee is actively mining in one Pit Only. The remaining eight pits existing in the southern part of the lease are excavations, working by other entities for slab extraction.	No Violation	The State Government has shown these pits in the authenticated lease sketch of the Ogipur Limestone Mine of M/s Penna Cements.	Nil
2	Quantity of ROM mineral production proposed (in T)	2300000T in the year 2024-25.	824450T in the year 2024-25. ( up to 31st January 2025)	Minus 1475550T in the year 2024-25 (Up to 31st January 2025) Actual figures have been provided up to 31st January 2025, indicating a deviation of minus 64.15%.	No Violation	As the financial year is not yet complete and lessee has submitted MMP for remaining plan period , no violations have been pointed out based on the current inspection.	Nil

3	Recovery of salable/usable mineral quantity from ROM production in T)	2300000T in the year 2024-25.	824450T in the year 2024-25. ( up to 31st January 2025)	Minus 1475550T in the year 2024-25 (Up to 31st January 2025)	No Violation	Recovery is 100% and entire ROM produced was usable under cement grade. Actual figures have been provided up to 31st January 2025. So no violation is pointed out for deviation.	Nil
4	Quantity of mineral reject/Sub-grade generation	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	The recovery rate is 100%, and the generation of mineral rejects or sub-grade material is nil.	Nil
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 only doing crushing process outside the lease area to reduce the size of the mined material, which is then fed directly to the attached captive cement plant.	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Benches are proposed exclusively within the mineral (ore)	The maintained bench height ranges from 7.00 to 9.00 meters.	None.	No Violation	The bench parameters are maintained within the proposed	Nil

		zone, with a planned bench height of 10.00 meters.				limits.	
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None.	None.	None.	No Violation	None.	Nil

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### 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.	None.	None.	No Violation	None.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	None.	None.	None.	No Violation	None.	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	None.	None.	None.	No Violation	None.	Nil
4	Production from dump(s) during the year	None.	None.	None.	No Violation	None.	Nil
5	Quantity of mineral reject generation	None.	None.	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.	None.	None.	No Violation	None.	Nil
8	Manual / Mechanized method adopted for dump working	None.	None.	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)	No dumping was proposed for the year 2024-25.	The topsoil produced was separately stored in the existing topsoil dump.	There was a proposal to utilize the generated topsoil for plantation purposes; however, the entire quantity has been stored separately for future use.	No Violation	The lessee has submitted the Modified Mining Plan (MMP) for approval and has updated the status of topsoil dumping up to the year 2024–25. Therefore, no violation is pointed out.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	None in the year 2024-25.	Topsoil generated during the year 202425 has been stored separately in the designated topsoil dump, situated between coordinates N 1916775 to 1916865 and E 760715 to 760815.	No new dump was formed in the year 202425. However, instead of utilizing the generated topsoil, the lessee has stored it in the existing topsoil dump. Furthermore, on the southern side of the lease area, nine mineral reject/waste dumps exist adjacent to the slab quarry leases; these dumps were formed by the operators of the slab quarry leases.	No Violation	The lessee has submitted the Modified Mining Plan (MMP) for approval and has updated the current status of topsoil dumping up to 2024–25. Therefore, no violation is pointed out.	Nil

3	Number of active & Inative dumps	None in the year 2024-25.	One active topsoil dump exists within the lease area. Additionally, nine mineral reject/waste dumps are located on the southern side of the lease area, adjacent to the slab quarry leases. These dumps were formed by the operators of the slab quarries.	The lessee has created only one topsoil dump within the lease area. The remaining nine mineral reject dumps were formed by the operators of the slab quarry leases.	No Violation	This office has no information regarding the status of the dumps made by the slab quarry operators.	Nil
4	Number of dead dumps	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	This office has no information regarding the status of the dumps made by the slab quarry operators.	Nil
5	Number of dumps proposed for stabilished	None in the year 2024-25	None in the year 2024-25	None.	No Violation	Earlier, the slopes of the topsoil dump were stabilized by plantation.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None in the year 2024-25	None in the year 2024-25	None.	No Violation	Earlier, the slopes of the topsoil dump were stabilized by plantation.	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 block period of 2023-24 to 2027-28.	None.	None.	No Violation	Mineral is not extracted up to the proved level and no backfilling is proposed and made in the current five years block period.	Nil
2	Year-wise area under backfilling of mined out area	None in the present block period of 2023-24 to 2027-28.	None.	None.	No Violation	Mineral is not extracted up to the proved level and no backfilling is proposed and made in the current five years block period.	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	In the year 2024-25, there was a proposal to utilize 7900 cum of topsoil for plantation purpose and no storage was proposed.	Total topsoil generated in the year 2024-25 is stacked separately.	In the year 202425, plantation was carried out only on the slopes of the topsoil dump. Therefore, no topsoil was required for plantation purposes, and the entire quantity of topsoil removed	No Violation	None.	Nil

				was stacked separately on the already existing topsoil dump.			
4	Total area fully reclaimed & rehabilitated	None.	None.	None.	No Violation	None.	Nil
5	Locations of proposed reclamation & rehabilitated	None.	None.	None.	No Violation	None.	Nil

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**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.	None in the present five year block period.	None in the present five year block period.	None.	No Violation	None.	Nil
2	Rehabilitation by making water reservoir	None in the present five year block period.	None in the present five year block period.	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 202425, 0.305 hectares of the safety zone were proposed for plantation with 600 saplings.	An area of 0.30 hectares was covered under plantation with 620 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 B.S. Envi-Tech 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 within the lease area.	None.	No Violation	Lessee is only doing crushing process to reduce the size of the mined material, which is then fed directly to the attached captive cement 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

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**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.	Lessee is removing topsoil separately by scarping and Stacking separately for future use.	None.	No Violation	None.	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
4	Plantation & Survival rate	A total of 600 saplings were proposed for plantation in the year 2024-25, with a survival rate of 75%.	In the year 2024-25, 620 saplings were planted with a survival rate ranging from 70% to 75%.	None.	No Violation	None.	Nil
5	Water sprinkling on roads to control airborne dust	Yes proposed. To control	To control airborne dust, the lessee is regularly spraying water on haul roads and within mining areas.	None.	No Violation	Dust suppression is being carried out using a 12,000-litre capacity water tanker.	Nil

**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 06-06-2024 and Submitted Monthly returns up to January 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. Yashwanth and Geologist:- G.Manohar Reddy.	The information furnished for Mining Engineer and Geologist is found correct. However, lessee has recently appointed C.Pavan kumar Reedy as a Mining Engineer in place of T.Yashwanth on 15-04-2024.	None.	No Violation	Lessee has submitted notice of appoint of Mining Engineer and Geologist to this office.	Nil
3	Whether incomplete or false or wrong	Lessee has to	1)Dead Rent	Submitted	No Violation	A show cause	Nil

returns submitted (Rule 45(7))

submit all the information correctly in the Returns.

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 2023-24 have not been submitted in the Annual Return. 3) Capital Structure Discrepancy: The opening and closing balances for Plant and Machinery have not been reported correctly. Additionally, in the Annual Returns submitted for the year 2022-23, values were shown under the Industries heading. However, in the Annual Return for 2023-24, the values under this heading have been reported as zero. 4) Cost of Production:

incorrect information in the AR submitted for the year 2023-24.

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

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			Compared to the previous year, the cost of production has decreased by approximately 12%. 5) PMCP Implementation Data Missing: In the attached Excel sheet for PMCP (Progressive Mine Closure Plan) implementation, details regarding topsoil generation, utilization, storage, and plantation for the year 2023-24 have not been furnished.				
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 submitted or not where fine applicable	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	The lessee has submitted all applicable notices and returns to this office.	Nil
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	Compare to previous year the cost of production is almost	Comparing to previous year there was a deviation of 12%	No Violation	A show cause notice was issued for the same under Rule 45(7)	Nil

		240.02/T	decreased by 12%. Which appears incorrect?	in the cost of production		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	
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#### 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 3-star rating in for the year 2023-24.	After validation, the mine was rated three stars, down from the self-assessed four stars.	No Violation	The lessee has been maintaining a minimum three star rating as required under Rule 35(4A) of the Mineral Conservation and Development Rules (MCDR) 2017.	Nil

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### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

S.N.	Reports File	Remark   File Description
1	Nil	Some general information, such as the nominated owner and approval details, is non-editable.

### 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  
Date: 22/06/2025 04:23:59 AM