

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	38APR14036	Lease Area (Ha) :	354.236
Forest Area (Ha) :	N/A	Mine Code :	38APR14036
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 :	Ganeshpahad Thanda	Taluka / Mandal :	Dameracherla
District :	NALGONDA	Pincode :	500073
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Wadapally	Nearest Railway Station :	Miryalaguda
Date of Grant of Mining Lease :	2018-08-27	Date of Mining Lease Execution :	2018-08-27
Date of opening in the mine :	2002-02-22		

Nominated Owner Details			
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
Mining Engineer Details			
Name of the Mining Engineer :	V. Lakshman Rao	Qualification of Mining Engineer :	B.E.Mining
Address of Mining Engineer :	M/s Penna Cement Industries Ltd., Ganeshpahad (v), Wadapally (PO), Nalgonda -Dist., Telangana-508355	Phone of Mining Engineer :	7036953337
Email of Mining Engineer :	Verikooti.rao@adani.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2015-12-25		
Geologist Details			
Name of the Geologist :	D. Sambaiah	Qualification of Geologist :	Msc.Geology.
Address of Geologist :	M/s Penna Cement Industries Ltd., Ganeshpahad (v), Wadapally (PO), Nalgonda -Dist., Telangana-508355	Phone of Geologist :	9640174421
Email of Geologist :	Arvety.kumar@adani.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2003-07-25		
Mine Manager Details			
Name of the Mine Manager :	M. Ramchander	Qualification of Mine Manager :	B.E.Mining

Address of Mine Manger :	M/s Penna Cement Industries Ltd., Ganeshpahad (v), Wadapally (PO), Nalgonda -Dist., Telangana-508355	Phone of Mine Manger :	8096900267
Email of Mine Manger :	Ganeshpahad@pennacement.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2016-08-11		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
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 :	M.Ramchander.
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR
Date of Inspection :	26/03/2025
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 2024-25.	None in the year 2024-25.	None.	No Violation	As of now, a total of 109 core holes have been drilled in the lease area, reaching a cumulative depth of 2,346 meters.	Nil
2	Number of DTH Boreholes		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	So far 69 DTH holes were drilled in the lease area. M/s ACC Ltd has drilled 63 boreholes in the year 2001 and M/s Penna Cements has drilled 06 bore holes in the year 2022-23	Nil
3	Number of exploratory pits / trial pits		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
4	Number of exploratory Trenches		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
5	Lateral exploration status for the lease area	G1	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	The total lease area is 354.236 hectares, and the entire lease area has been explored	Nil

							at the G-1 level through drilling 109 core holes to a total depth of 2,346 meters and 69 DTH holes to a total depth of 1,602 meters	
6		G2	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
7		G3	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
8		G4	None in the year 2024-25.	None in the year 2024-25.	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 Geological report submitted by the Lessee on 13-09-2022, reserves/resources as on 01-04-2022 are as follows. (In Million tons) Total Reserves : 79.14 Total Resources:- 63.75 Grand Total:- 142.89	As on 01-04-2024 (In Million tonnes) Total Reserves:- 77.48 Remaining Resources:- 63.75 Grand Total:- 141.23	None.	No Violation	Reserves and resources have been updated by depleting 1.66 million tonnes of production (ROM)achieved during the years 2022-23 and 2023-24.	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 2024-25, there was a proposal for work to be carried out between the coordinates N 1848717 to 1849244 and E 359857 to 360117.	In the year 2024-25, the actual work was carried out between the coordinates N 1848760 to 1849200 and E 359835 to 360010.	None.	No Violation	The work has been carried out almost entirely within the proposed limits. (The actual position is reported up to February 2025.)	Nil
2	Quantity of overburden generation in m ³	9141 in the year 2024-25.	4700 in the year 2024-25.	4441	No Violation	Due to less production, work has been carried out in areas that were already broken up. As a result, overburden/waste has not been removed as per the proposed plan.	Nil
3	Quantity of topsoil generation in m ³	6720 in the year 2024-25.	1735 in the year 2024-25.	None.	No Violation	Due to less production, work has been carried out in areas that were already	Nil

						broken up. As a result, topsoil has not been removed as per the proposal.	
4	Stripping ratio : ore to OB ratio	1:0.012	1:0.015	0.003 & Deviation is very negligible	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 2024-25.	Work has been carried out in only one pit.	None	No Violation	Two working pits exist within the lease area.	Nil
2	Quantity of ROM mineral production proposed (in T)	2113579 tonnes , in the year 2024-25.	781150 Tonnes	1332429 tonnes	No Violation	Actual figures are provided up to 28-02-2025, showing a deviation of -36%. Since the financial year is not yet complete, no violation has been noted based on the current inspection.	Nil

3	Recovery of salable/usable mineral quantity from ROM production in T)	1792876 tonnes in the year 2024-25	781150 Tonnes	Not applicable.	No Violation	Entire ROM produced during the period 2024–25 (up to 28-02-2025) has been reported under cement grade.	Nil
4	Quantity of mineral reject/Sub-grade generation	433480 in the year 2024-25.	None.	Not applicable.	No Violation	Entire ROM produced during the period 2024–25 (up to 28-02-2025) has been reported under cement grade.	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	+34 to below 40% Cao.	None.	Not applicable.	No Violation	The entire ROM produced during the period 2024–25 (up to 28-02-2025) has been reported under cement grade, with an average CaO content of more than 42%.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	None.	None.	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
7	Whether height of benches in	An 8.00-meter	Bench heights are	Minor deviations	No Violation	Minor deviations	Nil

	Overburden & mineral suitable for method of mining proposed in mining plan	bench height in minerals was proposed, and no OB/topsoil bench formation was proposed.	maintained within the range of 5.00 to 8.5 meters.	have been observed at certain locations.		in bench height were observed in some places. Since the financial year is not yet complete, no violation has been pointed out. The lessee has been advised to rectify the bench parameters.	
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None.	None.	Not applicable.	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.	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	None.	None.	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

Final Submitted

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)	Only mineral reject/sub-grade dumping was proposed for the year 2024-25.	Mineral reject/sub-grade mineral generated is dumped in the earmarked area.	None.	No Violation	None.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	For the year 2024-25, the mineral reject dump was proposed within the coordinates N 1849270 to 1849430 and E 359710 to 359840. Additionally, There was a proposal to spread the waste rock generated during the year 2024-25 in the 7.5-meter safety zone.	In the year In 2024-25, mineral reject was dumped between the coordinates N 1849320 to 1849390 and E 359690 to 359845. Further, Most of the waste rock generated was used for spreading in the 7.5-meter safety zone for plantation purposes, while a small quantity was dumped on the existing waste dump within Pit-2.	None.	No Violation	Additionally Three waste dumps are exist within the lease area. One active waste dump is located in Pit No.-2, while two inactive waste dumps are situated in the southwestern and southeastern parts of the lease area.	Nil
3	Number of active & Inative dumps	Proposed one mineral dump in the year 2024-25.	One active mineral dump is made in the year 2024-25. And one	Nil	No Violation	Two old inactive waste dumps are existing within the lease area.	Nil

			active waste dump is also existing in pit No-2.			One in the south western part and other in South eastern part of the lease area.	
4	Number of dead dumps	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Two old inactive dumps exist within the lease area.	Nil
5	Number of dumps proposed for stabilised	None in the year 2024-25	None in the year 2024-25	Not applicable.	No Violation	None.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None in the year 2024-25	None in the year 2024-25	Not applicable.	No Violation	None.	Nil

Final Submitted

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	No activity is proposed during the current five year bloc period 2021-22 to 2025-26.	None.	None.	No Violation	The mineral has not been extracted up to the proved level, and no backfilling has been proposed or carried out during the current five-year block period. However, approximately 0.85 ha of Pit No.-1 on the western side was previously backfilled.	Nil
2	Year-wise area under backfilling of mined out area	None in the present block period of 2021-22 to 2025-26	None.	None.	No Violation	The mineral has not been extracted up to the proved level, and no backfilling has been proposed or carried out during the current five-year block period. However, approximately 0.85 ha of Pit No.-1 on the western side was previously backfilled.	Nil

3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	6,720 CUM are proposed for utilization in the year 2024-25.	Only 1,735 cum of topsoil was generated in the year 2024-25, and the entire quantity was utilized for plantation within the lease area.	4985	No Violation	Since the operations were confined to already broken-up areas, the generation of topsoil has been minimal.	Nil
4	Total area fully reclaimed & rehabilitated	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	An area of 0.85 ha was previously fully reclaimed and rehabilitated.	Nil
5	Locations of proposed reclamation & rehabilitated	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Western part of the pit no-1. was previously fully reclaimed and rehabilitated.	Nil

Final Submitted

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 year 2024-25	None in the year 2024-25	None.	No Violation	An area of 0.85 ha was previously backfilled, and around 1,200 saplings were planted over it as part of the reclamation efforts.	Nil
2	Rehabilitation by making water reservoir	None.	None.	Nil	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 2024-25, 1.00 ha within the safety zone was proposed for plantation.	In the year 2024-25, plantation was carried out over an area of 1.01 ha within the safety zone.	None.	No Violation	The total area covered by plantation is 19.8 ha, with a total of 31,730 saplings planted.	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 are 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	None.	Nil
3	Any beneficiation process at mines	None.	None within the lease area.	None.	No Violation	The lessee is transporting ROM to the crushing plant situated near the Cement plant, where it is crushed before being fed to plant. For size reduction.	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	None in the current block period.	None	None.	No Violation	Nil	Nil

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.	Topsoil is removed separately and utilized for plantation purposes.	None.	No Violation	Topsoil generated so far has been utilized for plantation within the lease area.	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.	Most of the waste rock generated was used for spreading in the 7.5-meter safety zone for plantation purposes.	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	Approximately 0.85 ha of Pit No.-1 on the western side was previously backfilled.	Nil
4	Plantation & Survival rate	Proposed 1,450 saplings for the year 2024-25.	1,460 saplings were planted in the year 2024-25, with a survival rate of 75 to 80%.	None.	No Violation	A total of 31,730 saplings have been planted so far, with a survival rate of 70 to 75%	Nil
5	Water sprinkling on roads to control airborne dust	Yes proposed.	To control airborne dust, the lessee is regularly	None.	No Violation	Dust suppression is being carried out using a	Nil

		spraying water on haul roads and within mining areas.			15,000-litre capacity water tanker.	
--	--	---	--	--	-------------------------------------	--

Final Submitted

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 28-06-2024 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: V.Lakshman Rao and Geologist:- D.Sambaiah	The information furnished for Mining Engineer and Geologist is found correct.	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 returns submitted (Rule 45(7))	Lessee has to submit all the information correctly in the Returns.	1. In the attached Excel sheet for PMCP implementation, data for the year 2022-23 has been	Submitted incorrect 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	Nil

			furnished instead of 2023-24. 2. Dead rent has been shown along with royalty.			option for issuing a direct show cause notice in the MTS Inspection module, it was issued through e-Office.	
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.	Not applicable.	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 261.28/T	Compare to previous year the cost of production is increase by 30%. Which appears incorrect. (In the previous year cost of production was shown as Rs 200.72	There was a deviation of 30% in cost of production.	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

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	Lessee has submitted self assessed three star rating for the year 2023-24.	After validation the mine remains in the three star.	None.	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

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
------	---------------------	-----------------------------	--------	-----------	----------------------	--------	-------------

Final Submitted

Esigned by: MK KALMATA
Date: 11/06/2025 11:39:32 AM