

MCDR INSPECTION REPORT

1.0 GENERAL

S.No	Particulars	Details
1	Name of the Mine	जादुआ चूनापत्थर खान
1(a)	Name of Inspecting Officer & Designation	मनीष गुप्ता, सहायक खान नियंत्रक
1(b)	Accompanying Mines Representatives	श्री मुकेश कुमार चौबे, खान प्रबंधक
1(c)	Type of Inspection	स्टार रेटिंग
1(d)	Date of Inspection	16.09.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	1543.098 हे. (Non-forest)
3	Mine Code	38GUJ10005
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/753/2011
5	Name of the lessee, Address, phone, email and fax number	सांघी इंडस्ट्रीज लि. सांघीपुरम, तालुका- अब्दासा, जिला- कच्छ- 370 511 (गुजरात)
6	Village	जादुआ
7	Taluka/Mandal	लखपत
8	District	कच्छ
9	Pincode	370 655
10	State	गुजरात
11	Post office	सांघीपुरम
12	Nearest police station	वयोर
13	Nearest Railway station	भुज
14	Date of Grant of Mining Lease	14.11.1995
15	Date of Execution	19.03.1996
16	Date of opening of Mine	06.06.2000
17	Date of first Renewal, if applicable and its period & expiry	--
18	Date of second Renewal, if applicable and its period & expiry	--
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	18.03.2044 तक वैध
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	श्री रवि सांघी 10 वां तल, कटारिया आर्कडे, एस.जी.हाइवे, मकरबा, अहमदाबाद- 380 051 (गुजरात) फोन- 07926838000, फैक्स- 07926838111 Ravi.sanghi@sanghiment.com दिनांक 02.11.2015 से
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	श्री पप्पू कुमार सांघीपुरम, तालुका- अब्दासा, जिला- कच्छ- 370 511 (गुजरात) फोन- 9909961438, फैक्स- 02831-274115/123 pappu.kumar@sanghiment.com दिनांक 19.03.2010 से
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	श्री मुकेश कुमार चौबे सांघीपुरम, तालुका- अब्दासा, जिला- कच्छ- 370 511 (गुजरात) फोन- 9978443867, फैक्स- 02831-274115/123 Pmukesh.choubey@sanghiment.com दिनांक 20.04.2011 से
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	श्री दिलीप गौड़ सांघीपुरम, तालुका- अब्दासा, जिला- कच्छ- 370 511 (गुजरात) फोन- 9687689527, फैक्स- 02831-274115/123 dilip.gor@sanghiment.com

1/20219/2023

		दिनांक 21.07.2023 से
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	श्री हरीश रावल, भू वैज्ञानिक सांघीपुरम, तालुका- अब्दासा, जिला- कच्छ- 370 511 (गुजरात) फोन- 8107640477, फ़ैक्स- 02831-274115/123 harish.rawal@sanghiment.com
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-321/2020-21 MDRD(N)/GNR 23.03.2021, दिनांक 23.03.2021 2021-22 से 2025-26
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	--
27	Mineral(s) granted in lease and proved for mining	चूनापत्थर
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Fully Mechanised
30	Captive/Non Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –**Exploration**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
1a	Backlog of previous year	25 Borehole 750 मी.	25 Borehole 710 मी.	
1b	Exploration over lease area for Geological axis 1 or 2.	--	G1 809.37 हे. G2 369.36 हे.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	--	सांघी इंडस्ट्रीज़ लि. 7.56 लाख	
1d	Balance area to be explored to bring Geological axis in 1 or 2	--	364.38 हे.	खनन योजना की शेष अवधि में 72 Borehole लगाने का प्रस्ताव है।
1e	Balance reserves as on 01.04.2023	--	438.58 million tonnes(111)	
1f	General remarks of inspecting officer on geology, exploration etc.	Borehole की कुल मीटर कम होने के कारण नियम 11(1) का उल्लंघन दिया गया है।		

2.0 Development

SN	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
2a	Location of development w.r.t. lease area	Pit No-B1, B2, B3 & B5	Pit No-B1& B3	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NIL	NIL	Overburden का प्रस्ताव नहीं है।
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m ³	115 मी ³	102 मी ³	Used in plantation.
2e	Quantity of overburden generation in m ³	NIL	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Plant से कम मांग होने के कारण उत्पादन लक्ष्य से कम हुआ है।		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
3a	Number of pits proposed for production	Four	Two	उत्पादन कम होने के कारण दो पिट में ही कार्य किया गया

1/20219/2023

				नहीं
3b	Quantity of ROM mineral production proposed	6.0 million tonnes	1.48 million tonnes	
3c	Recovery of saleable/usable mineral from ROM production	6.0 million tonnes	1.48 million tonnes	
3d	Quantity of mineral reject generation	NIL	NIL	No mineral reject.
3e	Grade of mineral reject generation and threshold value declared	NIL	NIL	
3f	Quantity of sub-grade mineral generation	NIL	NIL	No sub-grade.
3g	Grade of sub-grade mineral generation	NIL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	NIL	NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	NIL	
3j	Provision of drilling & blasting in mineral benches	NIL	NIL	Working with surface miner.
3k	Provision of mining machineries in mineral benches	Yes	Yes	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6.0 मी	6.0 मी	Surface miners cuts material with a average cut of 0.25 m.
3m	Total area covered under excavation/pits	349.2745 हे.	286.1800 हे.	
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	
3o	Total area put in use under different heads at the end of year	Pit: 286.18 हे. Plant, building, & roads: 11.26 हे.	Pit: 286.18 हे. Plant, building, & roads: 11.26 हे.	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19: 5.0 Mt 2019-20: 5.0 Mt 2020-21: 5.0 Mt 2021-22: 6.0 Mt 2022-23: 6.0 Mt	2018-19: 3.07 Mt 2019-20: 2.01 Mt 2020-21: 2.44 Mt 2021-22: 2.83 Mt 2022-23: 1.48 Mt	
3q	General remarks of inspecting officer on method of mining etc.	मांग की कमी होने के कारण उत्पादन कम हुआ है।		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	Not proposed	NIL	Top soil को plantation में उपयोग किया गया है।
4b	Location of topsoil, OB & mineral reject dumps	Not proposed	NIL	
4c	Number of dumps within lease area and outside lease area	Not proposed	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	N.A	No OB in the area.
4e	Number of active & alive dumps	NIL	NIL	
4f	Number of dead dumps	NIL	NIL	
4g	Number of dumps stabilised	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	NIL	NIL	
4i	Length of Retaining wall or garland drain all along dump	NIL	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer	No OB, mineral reject generated. Limestone is outcropping in the area.		

1/20219/2023.

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Part	Part	
5b	Area under backfilling of mined out area	NIL	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	NIL	NIL	Used in plantation.
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	Area is not matured for backfilling.
5e	General remarks of inspecting officer on backfilling, reclamation etc	Filling material is not available at mine area.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)	As per rule	Submitted on 29.06.2023	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	i. NIL ii. 1.0 हे. iii. 1200 iv. Not proposed v. Not proposed vi. Not proposed	i. NIL ii. 1.0 हे. iii. 1203 iv. 15745 v. Not proposed vi. ₹ 517290.00	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	NIL	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive	As complete mineral exhaustion is not proposed to take place during the plan period so no reclamation of rainwater or other means has proposed. Plantation work is satisfactory.		

7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	N.A	Entire ROM used for cement manufacturing without the requirement of any beneficiation.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NIL	N.A	
7c	Different grade of mineral sorted out at mines	NIL	N.A	
7d	Any beneficiation process at mines	NIL	N.A	
7e	General remarks of inspecting officer on	Entire ROM used for cement manufacturing in own captive plant.		

1/20219/2023

Mineral conservation & beneficiation issues	
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8.0 Environment

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	115 मी ³	102 मी ³	
8b	Concurrent use or storage of topsoil	NIL	Used in plantation.	Used in plantation.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	NIL	NIL	There is no OB, waste in the area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	Not matured.
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	1200	1203	
8g	Survival rate	72%	70%	
8h	Water sprinkling on roads to control airborne dust	Proposed.	Achieved.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Aesthetic beauty of office premises and lease area is good.		

9.0 Compliance of Rule 45

S. N	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	मई, अगस्त की मासिक विवरणी दिनांक 07.09..2023 को जमा की गई। वर्ष 2022-23 की वार्षिक विवरणी दिनांक 29.06.2023 को जमा की गई।		
S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	श्री नीरव पाल, खनन अभियंता श्री हरीश रावल, भू वैज्ञानिक	श्री दिलीप गौड़, खनन अभियंता श्री हरीश रावल, भू वैज्ञानिक	Form H submitted.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	O/C Workings: 286.18 हे. Plant, Building etc: 11.26 हे. Plantation: 15.5 हे.	O/C Workings: 286.18 हे. Plant, Building etc: 11.26 हे. Plantation: 15.5 हे.	
9d	Scrutiny of Annual return on afforestation	1203	1203	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	0.0	0.0	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	82694.867 टन	In order.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale value: 0.0 Ex-mine price- 188.81	Sale value: 0.0 (Supply to own plant.) Ex-mine price- 188.81	
9i	Scrutiny of Annual return on fixed assets	₹ 192954633.00	-	
9k	Scrutiny of Annual return on mining machineries	Surface Miner: 02 Front end loader- 03 Tipper: 12 Water Tanker: 01 Rock Drill- 01 Conveyor: 01	Surface Miner: 02 Front end loader- 03 Tipper: 12 Water Tanker: 01 Rock Drill- 01 Conveyor: 01	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

I/20219/2023

पिछले निरीक्षण दिनांक 03.10.2022 में कोई उल्लंघन नहीं पाया गया था। वर्तमान निरीक्षण तारक मूल्यांकन के लिए किया गया। दिनांक 13.10.2023 को स्टार रेटिंग मूल्यांकन कर दिया गया है, मूल्यांकन के पश्चात खान 4 स्टार रही है। निरीक्षण के समय नियम संख्या 11(1), 27(1), 27(2) read with 27(1), 34A(1) read with 34A(5) का उल्लंघन पाया गया. दिनांक 02.11.2023 को उल्लंघन पत्र जारी कर दिया गया है।

(मनीष गुप्ता)

सहायक खान नियंत्रक