

MCDR INSPECTION REPORT**1.0 GENERAL**

S.No	Particulars	Details
1 (a)	Name of the Mine	पाछतरडी चूनापत्थर खान
1(b)	Name of Inspecting Officer & Designation	मनीष गुसा, सहायक खान नियंत्रक
1(c)	Accompanying Mines Representatives	श्री मनीष कुमार उपाध्याय, खान प्रबंधक
1(d)	Type of Inspection	स्टार रेटिंग
1(e)	Date of Inspection	04.12.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	18.03 हे. (Non Forest)
3	Mine Code	38GUJ07093
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/95/2011
5	Name of the lessee, Address, phone, email and fax number	श्री दिग्विजय सीमेंट लि दिग्विजयग्राम, सिक्का, जामनगर (गुजरात) 98934 05106, Fax number : 0288 - 2344092 manishkumar.upadhyay@digvijaycement.com
6	Village	पाछतरडी
7	Taluka/Mandal	भानवाड
8	District	देवभूमि द्वारका
9	Pincode	360 510
10	State	गुजरात
11	Post office	पाछतर
12	Nearest police station	भानवाड
13	Nearest Railway station	भानवाड
14	Date of Grant of Mining Lease	08.01.2017
15	Date of Execution	11.01.2017 (10.01.2067 तक वैध)
16	Date of opening of Mine	16.02.2022
17	Date of first Renewal, if applicable and its period & expiry	लागू नहीं
18	Date of second Renewal, if applicable and its period & expiry	लागू नहीं
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	लागू नहीं
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	श्री के.के.राजीव नाम्बियार दिग्विजयग्राम, सिक्का, जामनगर (गुजरात) 0288 - 2344272-75, Fax number : 0288 - 2344092 rajeev.nambiar@digvijaycement.com , 01.11.2015
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	श्री आर. कृष्णा कुमार दिग्विजयग्राम, सिक्का, जामनगर (गुजरात) 0288 - 2344272-75, Fax number : 0288 - 2344092 rkishnakumar@digvijaycement.com , 07.05.2019
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	श्री मनीष कुमार उपाध्याय दिग्विजयग्राम, सिक्का, जामनगर (गुजरात) 98934 05106, Fax number : 0288 - 2344092 manishkumar.upadhyay@digvijaycement.com , 05.07.2023 से
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	श्री सुधीर परमार दिग्विजयग्राम, सिक्का, जामनगर (गुजरात) 92281 58838, Fax number : 0288 - 2344092 sudhir.parmar@digvijaycement.com , 16.02.2022 से खनन अभियांत्रिकी स्नातक

I/25520/2024

24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57	हाँ
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-295/2020-21MDRD(N)UDP दिनांक 28.01.2021 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 Mechanized
30	Captive/Non Captive	Captive

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

1.0 Exploration

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
1a	Backlog of previous year	NIL	NIL	
1b	Exploration over lease area for Geological axis 1 or 2.	--	G1- 7.1471 हे. G2- 5.4971 हे. G3- 5.3946 हे.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	
1e	Balance reserves as on 01.04.2022	2392980 टन	241037 टन	उत्पादन कम हुआ है।
1f	General remarks of inspecting officer on geology, exploration etc.	वर्ष 2022-23 के लिए पूर्वक्षण प्रस्ताव नहीं हैं। पूर्व में 17 बोर होल लगाए गए हैं। कार्य की स्थिति संतोषजनक है।		

2.0 Development

SN	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
2a	Location of development w.r.t. lease area	N2416897 to E571171 N2417042 to E571519	N2416897 to E571171 N2417042 to E571519	
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	NIL	NIL	Top soil is negligible in the area.
2c	Stripping ratio or ore to OB ratio	1:0	1:0	No OB in the area.
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Deposit समान्य रूप से flat है। Top soil तथा OB उत्खनन के प्रस्ताव नहीं हैं। प्रस्तावित स्थान पर कार्य किया गया है। खान पर दो पिट बनाए गए हैं।		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
3a	Number of pits proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	350000 टन	196769.178 टन	कम मांग के कारण उत्पादन कम हुआ है।
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	NIL	NIL	No mineral reject generation.

I/25520/2024

3e	Grade of mineral reject generation and threshold value declared	NIL	NIL	
3f	Quantity of sub-grade mineral generation	NIL	NIL	No sub grade mineral in the area.
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	
3k	Provision of mining machineries in mineral benches	Yes	Yes	Ripper & Dozer with combination of Excavator/Loader with Truck/Dumper
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6.0 मी.	7.0 मी.	बेंच की ऊंचाई अधिक होने के कारण नियम 11(1) का उल्लंघन जारी किया गया है।
3m	Total area covered under excavation/pits	3.10 हे.	1.967 हे.	
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	No OB in area.
3o	Total area put in use under different heads at the end of year	Pits- 3.10 हे. Others- 0.931 हे.	Pits- 1.967 हे. Others- 0.931 हे.	
3p	Production of ROM mineral during last five-year period, as applicable	2021-22: 350000 टन 2022-23: 350000 टन	2021-22: 33243.245 टन 2022-23: 196769.178 टन	
3q	General remarks of inspecting officer on method of mining etc.	Eco-friendly mining by use of Ripper & Dozer with combination of Excavator/Loader with Dumpers.		

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)	NIL	NIL	उत्खनित Top soil वृक्षारोपण में काम ली गयी है।
4b	Location of topsoil, OB & mineral reject dumps	NIL	NIL	
4c	Number of dumps within lease area and outside lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	
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	Limestone is outcropping in the area. There is no Over burden, mineral rejects proposal & generation.		

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	NIL	NIL	
5b	Area under backfilling of mined out area	NIL	NIL	Not matured for backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	NIL	NIL	
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling is not practical as there is no overburden/filling material in the 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)	Yes	Submitted on 28.06.2022	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)			निर्धारित लक्ष्य से कम

I/25520/2024

	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	0.20 हे. 200 1037 मी. (फेंसिंग)	0.20 हे. 250 1100 मी. (फेंसिंग)	फेंसिंग करने के कारण नियम 11(1) का उल्लंघन जारी किया गया है।
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	NIL	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	NIL	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Mined-out area after full extraction of mineral will be used as water reservoir. It will help to improve ground water level & quality.		

7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM dispatch	ROM dispatch	Used in own plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NIL	NIL	
7c	Different grade of mineral sorted out at mines	NIL	NIL	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	पूर्ण ROM काम में ले लिया जाता है। Beneficiation संबंधी कोई आवश्यकता नहीं है।		

8.0 Environment

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	Yes	Yes	Utilized in plantation.
8b	Concurrent use or storage of topsoil	Concurrent use	Concurrent use	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	NIL	NIL	
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	
8f	Baseline information on existence of plantation & additional plantation done	NIL	NIL	
8g	Survival rate	70%	70 %	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	General mine environment is satisfactory.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks	
	Status of submission of Monthly and Annual returns	M.R. of नवम्बर, 2023 Submitted on 02.12.2023 A.R. submitted for the year 2022-23 on 28.06.2023		
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	खनन अभियंता- श्री सुधीर परमार भू वैज्ञानिक - श्री महेश खेडेकर	खनन अभियंता- श्री सुधीर परमार भू वैज्ञानिक - श्री महेश खेडेकर	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pits- 1.967 हे. Others- 0.931 हे.	Pits- 1.967 हे. Others- 0.931 हे.	
9d	Scrutiny of Annual return on afforestation	250	250	
9e	Scrutiny of Annual return on mineral reject	Nil	Nil	

I/25520/2024

	generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Production cost: ₹ 208.90 Sale value: 0.0	Production cost: ₹ 208.90 Sale value: 0.0*	* स्वयं के संयंत्र में आपूर्ति की गयी है।
9i	Scrutiny of Annual return on fixed assets	1299506.00	दिये गये आंकड़े संयंत्र एवं मशीन के लिए हैं। उचित प्रतीत होते हैं।	
9k	Scrutiny of Annual return on mining machineries	Dozer , Shovel, Water tanker, Jeep, Truck	Dozer , Shovel, Water tanker, Jeep, Truck	

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

पिछले निरीक्षण दिनांक 17.03.2023 में नियम संख्या 11(1) तथा 33 read with 31(4) का उल्लंघन पाया गया था। इन नियमों की अनुपालना दिनांक 26.05.2023 को हो गई है। वर्तमान निरीक्षण स्टार रेटिंग मूल्यांकन के लिए किया गया। दिनांक 21.12.2023 को मूल्यांकन किया गया, मूल्यांकन के पश्चात खान 4 स्टार रही है। वर्तमान निरीक्षण में नियम संख्या 11(1) का उल्लंघन पाये जाने पर दिनांक 01.01.2024 को उल्लंघन पत्र जारी किया गया है।

गांधीनगर

दिनांक :

(मनीष गुप्ता)

सहायक खान नियंत्रक

भारतीय खान ब्यूरो