

MCDR-MiFLOBXT/106/2022-GNR-IBM_RO_GNR

MCDR INSPECTION INFORMATION SHEET

1.0 GENERAL

I/35447/2024

S. N.	Particulars	Details
1(a)	Name of the Mine	Ran Bauxite Mine
1(b)	Name of Inspecting Officer & Designation	Shri. Naman Ekka
1(c)	Accompanying Mines Representatives	Shri. A. R. Panda
1(d)	Type of Inspection	MCDR Inspection / Star Rating
1(e)	Date of Inspection	19.04.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	32.37 Ha. (Govt. Waste Land)
3	Mine code	07GUJ07113
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/280/2011
5	Name of the lessee, Address, phone, email and fax number	M/s. SAURASHTRA CEMENT LIMITED, Near Railway Station Ranavav 360560, Dist.-Porbandar, Gujarat (India), Phone-02801-234200, Email: - scl-rnv@mehtagroup.com, Fax:-02801-234376/234384.
6	Village	Ran
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pin code	361315
10	State	Gujarat
11	Post office	Ran
12	Nearest police station	Bhatiya
13	Nearest Railway station	Bhatiya
14	Date of Grant of Mining Lease	31.03.1978
15	Date of Execution	26.07.1978
16	Date of opening of Mine	23.08.1978
17	Date of first Renewal, if applicable and its period & expiry	First renewal submitted on 26.06.1997 for the period of 20 Years i. e. 26.07.1998 to 25.07.2018 (Under Deemed Renewal/Extended up to 31/03/2030)
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Form J (Dt.26.06.1997) (Lease extension letter under MMDR-2015, Letter No.MCR-1577(S-149)1663-CHH, Dt.03-04-2018).
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri. M.S Gilotra Address:-2 nd floor ,N.K Mehta International House 178,Back bay Reclamation, Babubhai Chinai Road, Mumbai-4000020, Phone No: - Office No:022 - 66365310, Fax: - 022-66365445/22048122. Email:- msgilotra@mehtagroup.com Date of Appointment: - 15.10.2004.
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri. Narendra Singh Saurashtra Cement Limited, Near Railway Station, Ranavav-360550. Phone-02801-234257, Fax:-02801-234376-234384. Email:- narendrasingh@mehtagroup.com Date of Appointment - 21.06.2016.
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri. Vivek D. Ukani Saurashtra Cement Limited Near Railway Station Ranavav-360550,Phone-02801-234230, Fax:- 02801-234376-234384 Email - vdukani@mehtagroup.com Date of Appointment - 21.03.2022.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri. Vivek D. Ukani Saurashtra Cement Limited Near Railway Station Ranavav-360550,Phone-02801-234230, Fax:- 02801-234376-234384 Email - vdukani@mehtagroup.com Date of Appointment - 21.03.2022.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes
25	Date of Approval of Mining Plan/Modified Mining Plan/ Review of Mine Plan with five-year period and specific condition in approval	<i>Date of Approval of Mining Plan :- 26.12.2022</i> <i>Vide letter No. MCDR-MPCPOCaFI/18/2022-GNR-IBM_RO_GNR</i> <i>Period: - 2023-24 to 2027-28</i>

	letter, if any. MCDR-MiFLOBXT/106/2022-GNR-IBM_RO_GNR	
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Other than fully mechanised
30	Captive/Non Captive	Captive

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

Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	No proposal	Nil	Area has been explored in the Past by the lessee itself in G1 Category
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	-	-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	- NIL-	-NIL-	Lease Area has been explored in G1 Category
1e	Balance reserves as on 31/03/2023 (Tons)	Reserves - 3,852,443.00 Remaining Resources - 1,900,438.00	Reserves - 3,840,258.00 Remaining Resources - 1,900,438.00	As reported production of 12185 Tons in year 2023-24
1f	General remarks of inspecting officer on geology, exploration etc.	Area has been explored in G1 Category by the lessee.		

2.0 Development:-

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a (i)	Location of development w.r.t. lease area	22°10'10.58E to 69°18'53.07N 22°10'11.44E to 69°18'48.91N	22°10'10.58E to 69°18'53.07N 22°10'11.44E to 69°18'48.91N	Working level: two benches with 3m and 1m height respectively i.e. from 35 to 32RL & 32 to 31RL.
2b	Separate benches in topsoil, over-burden and mineral (Rule 15)	NA	NA	No proposal for top soil & overburden
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	No OB generation
2d	Quantity of topsoil generation in m3	NA	NA	No top soil generation
2e	Quantity of overburden generation in m3	NA	NA	No overburden generation
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Development of Pit has been carried out as per proposal		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	12185.60 tonnes	12185.31 tonnes	
3c	Recovery of saleable/usable mineral from ROM production	12185.60 tonne	12185.31 tonnes	No mineral reject generated
3d	Quantity of mineral reject generation	Nil	Nil	No mineral reject generated
3e	Grade of mineral reject generation and threshold value declared	29% AL2O3	30.3% AL2O3	Low grade mineral suitably blended to get the this grade in conserving mineral

MCDR-MiFLOBXT/106/2022-GNR-IBM_RO_GNR				with zero waste mining																								
3f	Quantity of sub-grade mineral generation	NA	NA	No sub grade generated																								
3g	Grade of sub-grade mineral generation	NA	NA	No sub grade generated																								
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Not adopted	Zero waste mining																								
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA																									
3j	Provision of drilling & blasting in mineral benches	NA	NA	No drilling & blasting are required for mining																								
3k	Provision of mining machineries in mineral benches	1. BACK HOE-0.900 CUM - 01 2. TIPPER 20 Tonne - 01. 3. WATER TANKER 5000 LITRE - 01	1. BACK HOE-0.900 CUM - 01 2. TIPPER 20 Tonne - 01. 3. WATER TANKER 5000 LITRE - 01.																									
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	3m-bench height is maintained																								
3m	Total area covered under excavation/pits	8.70 Ha.	8.70 Ha.																									
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	1:0.0	No OB																								
3o	Total area put in use under different heads at the end of year	Pit- 8.70 ha.(including- water reservoir) Road-2.33, Infrastructure - 0.12 ha, Mineral Stack- 0.07ha., Waste disposal- 0.71ha &, Plantation-0.79 ha. (reclaimed/rehabilitated 0.14 ha, backfilled-1.5353ha)	Pit- 8.70 ha.(including- water reservoir) Road-2.33, Infrastructure - 0.12 ha, Mineral Stack- 0.07ha., Waste disposal- 0.71ha &, Plantation-0.79 ha. (reclaimed/rehabilitated 0.14 ha, backfilled-1.5353ha)																									
3p	Production of ROM mineral during last five-year period, as applicable	<table border="1"> <tr> <td>2018-19</td> <td>14600</td> <td>2018-19</td> <td>12280</td> </tr> <tr> <td>2019-20</td> <td>14756</td> <td>2019-20</td> <td>10090</td> </tr> <tr> <td>2020-21</td> <td>14893</td> <td>2020-21</td> <td>13985</td> </tr> <tr> <td>2021-22</td> <td>14785</td> <td>2021-22</td> <td>12270</td> </tr> <tr> <td>2022-23</td> <td>15100</td> <td>2022-23</td> <td>15099.31</td> </tr> <tr> <td>2023-24</td> <td>12185.60</td> <td>2023-24</td> <td>12185.31</td> </tr> </table>	2018-19	14600	2018-19	12280	2019-20	14756	2019-20	10090	2020-21	14893	2020-21	13985	2021-22	14785	2021-22	12270	2022-23	15100	2022-23	15099.31	2023-24	12185.60	2023-24	12185.31		All figures are in tonnes.
2018-19	14600	2018-19	12280																									
2019-20	14756	2019-20	10090																									
2020-21	14893	2020-21	13985																									
2021-22	14785	2021-22	12270																									
2022-23	15100	2022-23	15099.31																									
2023-24	12185.60	2023-24	12185.31																									
3q	General remarks of inspecting officer on method of mining etc.	Method of mining is Opencast. No Drilling and blasting is being carried out.																										

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	NA	NA	No top soil & OB
4b	Location of topsoil, OB & mineral reject dumps	NA	NA	No top soil & OB
4c	Number of dumps within lease area and outside lease area	2	2	Within lease area
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Beyond the UPL in side pit	Beyond UPL Inside pit	
4e	Number of active & alive dumps	1	Not made	
4f	Number of dead dumps	NA	2	No top soil & OB
4g	Number of dumps stabilised	NA	Dumps are stable with naturally grown up shrubs	
4h	Whether Retaining wall or garland drain all along dumps are there	NA	NA	

4i	Length of Retaining Wall on all along drain all along dump	NA	NA	NA
4j	Number of settling ponds	NA	NA	NA
4k	Specific comments of inspecting officer	As reported No Solid waste generated.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Mineral extracted	Partially extracted	Mined out area & Non Mining Zone-Statutory barrier for GUJ.CH-06
5b	Area under backfilling of mined out area	0.0053 Ha.	0.0053 Ha.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	No top soil, mineral is out cropped except incidental soil in variable patches used in plantation
5d	Total area fully reclaimed & rehabilitated	1.5353 Ha	1.5353 Ha	Partly backfilled area covered under the CH06 GUJ coastal highway,(0.14 Ha fully rehabilitated.)
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Highway No CH06 GUJ is crossing within the lease. Area which was already mined out were backfilled and reclamation work has been carried out.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). Details should be given in the format as given in Annexure-20.	Yes	Yes	
6b	Management of worked/mined out benches	-	-	
	i) Area available for rehabilitation (ha)			
	ii) Afforestation done (ha)	0.29 Ha.	0.29 Ha.	Greenbelt-0.29 (in ha)
	iii) No. of saplings planted during the year	300	300	
	iv) Cumulative no. of plants	800	900	
	v) Any other specific method of rehabilitation	NA	NA	
vi) Cost incurred on watch & care during the year	Rs.7,50,000/-	Rs.10,83,280.79/-	Afforestation, aftercare & protection fencing cost, environment monitoring	
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	0.0053 ha	0.0053 ha	0.0053 Ha. area backfilled during the year 2023-24.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NA	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP as per proposals has been carried out.		

7.0 Mineral Conservation

I/35447/2024

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral despatch to captive plant after sorting of mineral reject	ROM despatched directly to captive plant after blending to achieve targeted grade of 30% Al ₂ O ₃	Bauxite is used in blending with Limestone in cement manufacturing; i.e. captive consumption at Saurashtra Cement plant, Ranavav Porbandar.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	NA	
7c	Different grade of mineral sorted out at mines	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No Beneficiation work carried out and no such issue reported.		

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	No top soil
8b	Concurrent use or storage of topsoil	NA	NA	Whatever incidental soil got during mining is used in plantation
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	Nil	No, OB/ Mineral reject
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	0.0053 Ha.	0.0053 Ha.	Old waste dump used in backfilling
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	Pit will be partly reclaimed by old dead dump situated within the lease.	Progressive restoration as per PMCP	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	500 +300	Total Plantation done -300 up to 31.03.2024	Base line data Plantation till 31/03/2023- 500 nos.
8g	Survival rate	90 %	90%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	Mechanically propelled water tanker
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Mines is surrounded by Little to no Vegetation.		

9.0 Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9.1	Status of submission of Monthly and Annual returns	M.R. Submitted up to -March-2024 (18.04.2024) A.R. for 2023-24 submitted on 19.04.2024.		
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	ME - Shri Vivek Dineshbhai Ukani Geologist - Shri Rajesh Kumar Vishwakarma	ME and Geologist present during inspection.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings - 8.70 Reclaimed-rehabilitated- 1.135 Used for waste disposal -0.710 Occupied by plant, buildings, residential, welfare buildings and roads - 2.520 Plantation -0.790	Proposal for 2023-24 Area under Mining - 8.70 Overburden/Waste Dumping - 0.71 Roads - 2.33 Infrastructure (Workshop, Administrative Building etc.) - 0.12 Others to specify - 0.79	

MCDR-MIFLOBXT/106/2022-GNR-IBM-RO-GNR

9d	Scrutiny of Annual return on afforestation	Trees planted during the year- 300 Survival Rate 90%	Survival rate - 90%
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Not Mentioned	Not Reported during the year
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Graded Stock Closing Stock - 1252.00	Reported Closing Stock - 1252.00
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale Value not Reported, Captive mines	Ex-Mine price reported - 599.80
9i	Scrutiny of Annual return on fixed assets	Value of Fixed Assets ₹ 1540520.00	-
9k	Scrutiny of Annual return on mining machineries	Back Hoe Dumper Water Tanker	Back Hoe Dumper Water Tanker

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - NO significant Violations observed.

Naman Ekka
SMG
