

MCDR INSPECTION REPORT

1) Name of Inspecting officer:	Ibrahim Sharief
2) Designation	Deputy Controller of Mines
3) Accompanying mine official with designation	Deonandan Kumar Deo (Mines Manager) Vikas Tiwari (Geologist)
4) Date of Inspection	20.12.2023

Part-I: General

S. N.	Particulars	Details
1	Name of the Mine	Amanganj Limestone Mines
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: Nil Non-Forest: 1793.590
3	Mine code	38MPR26002
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/21673/2017
5	Name of the Lease, Address, Phone, email and fax number	ECO Cements Ltd. 72, Jawahar Nagar Extension, Bhulupur Varanasi- 221010 (U.P.)
6	Village	Daharra, Pawaiya, Ghatari, Patelpura, Gaura, Kanti, Chikalhai, Hinoutamishra, Mahewa, Beli, Hinouti and Barhakala.
7	Taluka/Mandal	Amanganj & Gunor
8	District	Panna (MP)
9	Pin code	488001
10	State	Madhya Pradesh
11	Post Office	Amanganj
12	Nearest Police Station	Amanganj
13	Nearest Railway Station	Maihar Railway Station
14	Date of Grant of Mining Lease	06.10.2018
15	Date of Execution	04.08.2019
16	Date of opening of Mine	05.09.2023
17	Date of First Renewal, if applicable and its period & expiry	N/A
18	Date of Second Renewal, if applicable and its period & expiry	N/A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N/A
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Bipin Agrawal 72, Jawahar Nagar Extension, Bhulupur Varanasi- 221010 (U.P.) Date of Appointment: 17.07.2017
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Deonandan Kumar Deo Hariyana Bhawan, Panna Naka, Satna (MP) Date of Appointment: 01.09.2023
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Deonandan Kumar Deo Hariyana Bhawan, Panna Naka, Satna (MP) Date of Appointment: 01.09.2023
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Deonandan Kumar Deo Hariyana Bhawan, Panna Naka, Satna (MP) Date of Appointment: 01.09.2023B.E Mining (28+ years)

24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Mining Plan: 10.08.2018 Modification of Mining Plan: 02.07.2021 Review of Mining Plan for period 2024-25 to 2028-29 submitted on 31.03.2024
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	N/A
27	Mineral(s) granted in lease and approved for Mining	Limestone
28	Method of Mining (Opencast, Underground)	O/C
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non-Captive	Captive

Details about Mining Plan/ Mining Scheme

a) Letter No. and date of approval of mining plan	:	MP/Panna/Limestone/MPLN/MOD-04/2021-22, 5292, Jabalpur, dated 02.07.2021
b) Letter No. and date of approval of mining scheme.	:	NA
c) Condition while approving the MP/ MS/ modification	:	For proposed production @3.75mtpa(ROM)
d) Period of mining plan/ mining scheme in force	:	01.04.2022 to 31.03.2024

PART III-MCDR Report details.

- Scientific Mining:** Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	32 FY 2021-22 150 BH FY 22-23	Nil	Violation was pointed out
1b	Exploration over lease area for Geological axis 1 or 2.	Entire lease area to be explored I nG1 scale	Nil	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Lessee	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Entire lease area of 1793.59 Ha to be explored in G1 scale	Nil During the year	So far, exploration carried out is g1 : 106.19 Ha, G2- 135.63 Ha, g3- 1551.77 Ha
1e	Balance reserves as on 01.04.2023	16.53	20.3 million tonnes	Production not achieved as proposed
1f	General remarks of Inspecting officer on geology, exploration etc.	Exploration carried out so for So is G1 : 106.19 Ha, G2- 135.63 Ha, g3- 1551.77 Ha.		

2. Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	E 409241 to 409526 & N 2701037 to 2701336	Nil	Mining couldn't started during the year 2022-23 for want of statutory

				clearance, Mine was opened on 05.09.2023
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Top soil-1 Over burden-1, Ore -1	Top soil-1 Over burden-1, Ore -1	
2c	Stripping ratio or ore to OB ratio	1: 5.00	Nil	
2d	Quantity of topsoil generation in m ³	8692	Nil	
2e	Quantity of overburden generation in m ³	191215	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Development was not done due to want of statutory clearance and Land acquisition		

3. Exploitation FY 2022-23

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	One pit	One pit	Mining couldn't started during the year 2022-23 for want of statutory clearance
3b	Quantity of ROM mineral production proposed	100000	Nil	
3c	Recovery of Salable/usable mineral from ROM production	100%	Nil	
3d	Quantity of mineral reject generation	No Proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Proposal	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	No Proposal	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No such Proposal of beneficiation study is proposed	Nil	
3j	Provision of drilling & blasting in mineral benches	Yes	No study done	
3k	Provision of mining machineries in mineral benches	Yes proposed to deploy HEMM for development of benches	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Nil	
3m	Total area covered under excavation /pits (Ha.)	2.90	Nil	
3n	Ore to OB ratio for the pit/mine during the year	1:5.00	Nil	
3o	Total area put in use under different heads at the end of year	4.90	Nil	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20: 1200000 2020-21: 2000000 2021-22: 50000 2022-23: 100000	2019-20: Nil 2020-21: Nil 2021-22: Nil 2022-23: Nil	
3q	General remarks of inspecting officer	Required development and production is not carried out due		

	on method of mining etc	to want of statutory clearance and Land acquisition
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4. Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	Nil	Mining couldn't started during the year 2022-23 for want of statutory clearance
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	
4c	Number of Dumps within lease area and outside lease area	1	Nil	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	within ultimate pit limit	Nil	
4e	Number of Active & Alive dumps	1	Nil	
4f	Number of dead dumps	No proposal	Nil	
4g	Number of dumps established	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Along dumps and pits	Nil	
4i	Length of Retaining wall or garland drain all along dump	RW: 500m GD:1000m	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump management	Mining couldn't started during the year 2022-23 for want of statutory clearance		

5. Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	N 2700726 to 2701430 & E 408926 to 409492	Nil	Mining couldn't started during the year 2022-23 for want of statutory clearance
5b	Area under backfilling of mined out area	4 Ha	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Yes Top soil is to be used for restoration	Nil	
5d	Total area fully reclaimed & rehabilitated (Ha)	18 Ha	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No reclamation and Rehabilitation is carried out		

6. Progressive Mine Closer Plan

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20	Yes	Nil	Mine is not
6b	Area available for rehabilitation (Ha)	No proposal	Nil	

6c	Afforestation done (ha)	2. Ha	Nil	opened in 2022-23 Mining couldn't carried out for want of statutory clearance
6d	No. of saplings planted during the year	15000	Nil	
6e	Cumulative no. of plants	15000	Nil	
6f	Any other specific method of rehabilitation	Nil	Nil	
6g	Cost incurred on watch & care during the year	Nil	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	4 ha	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Nil	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	Not in Proposal	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	Not in Proposal	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	As per Proposal	Nil	
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	Not in Proposal	Nil	
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	Not in Proposal	Nil	
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Not in Proposal	Nil	
6p	Compliance of Environment monitoring (core zone & buffer zone)	Within Permissible limits	Nil	
6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mine is not opened in 2022-23		

7. Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Rom produced is to be dispatched	Nil	Mining couldn't carried out for want of statutory clearance
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	Nil	
7c	Different grade of mineral sort out at mine	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mine is not opened in 2022-23		

8. Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Yes proposed	Nil	Mining couldn't carried out for want of statutory clearance
8b	Concurrent use or storage of topsoil	Yes proposed to use over backfilled area	No area is matured for backfilling, hence stacked	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	No proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes proposed	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes proposed	No area is matured for backfilling,	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No such plantation is observed, about 2000 saplings	Nil	
8g	Survival rate	90%	Nil	
8h	Water sprinkling on roads to control airborne dust	Yes	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area			

9. Compliance of Rule 45 (2022-23)

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly Returns & Annual Returns for 2022-23 not submitted as mining operations were not commenced	Mine is not opened in 2022-23 Mining in the area is yet to be commenced due to lack of EC
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer, Geologist and Manager Manager: Deonandan Kumar Deo Geologist: Vikas Tiwari M.E: Deonandan Kumar Deo	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Return not submitted	
9d	Scrutiny of Annual return on afforestation	Do	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Do	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Do	
9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Do	
9i	Scrutiny of Annual return on Fixed assets	Do	

9k	Scrutiny of Annual return on mining Machineries	Do	
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Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

Sl No.	Violations pointed out under MCDR 2017	Status of compliance
1	11(1), 20, 46, 45(7)	Complied

Date:

Name: IBRAHIM SHARIEF

Designation: Deputy Controller of Mines