

MCDR INSPECTION REPORT

General

S. N.	Particulars	Details
1	Name of the Mine	Maratha Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-Forest - 49.00 ha. Forest - Nil
3	Minecode	38MSH08024
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/447/2011
5	Name of the lessee, Address, phone, email and fax number	Ambuja Cements Ltd. Village - Upparwahi,- 442908 Tahsil - Korpna, Distt- Chandrapur (Maharashtra). Phone - 07173-240015-20, rajivranjan.prasad@ambujacement.com Fax - 07173 - 240008, 9
6	Village	Upparwahi
7	Taluka/Mandal	Korpana
8	District	Chandrapur
9	Pincode	442 908
10	State	Maharashtra
11	Post office	Upparwahi
12	Nearest police station	Gadchandur
13	Nearest Railway station	Ballarsha
14	Date of Grant of Mining Lease	30.11.2005
15	Date of Execution	24.05.2006
16	Date of opening of Mine	01.03.2007
17	Date of first Renewal, if applicable and its period & expiry	Not Applicable
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Ajay Kapur MD & CEO Ambuja Cements Ltd Elegant Bussiness Park,MIDC CrossRoad B, Off Andheri-Kurla Road, Andheri East Mumbai 022 – 40667000 ajay.kapur@ambujacement.com 022-40667711 01.08.2013
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr. S. K. Paneri Vice President (Operations)

		Ambuja Cements Ltd. (Unit - Maratha Cement Works) Village - Upparwahi, Tah – Korpana Distt - Chandrapur (Maharashtra) 07173-240015-20 sushil.paneri@ambujacement.com 07173-240008, 9 09.03.2016
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mr. Tripurari Choudhary Ambuja Cements Ltd. (Unit - Maratha Cement Works) Village - Upparwahi, Tah – Korpana Distt - Chandrapur (Maharashtra) 07173-240015-20 tripurari.choudhary@ambujacement.com 07173-240008, 9 25.03.2015
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mr. R. R. Prasad General Manager (Mines) Ambuja Cements Ltd. (Unit - Maratha Cement Works) Village - Upparwahi, Tah – Korpana Distt - Chandrapur (Maharashtra) 07173-240015-20 rajivranjan.prasad@ambujacement.com 07173-240008, 9 25.03.2015
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	i. 15.10.2003 ii. 05.01.2005 (PMCP)
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	i. 12.08.2011 ii. 02.09.2016
27	Mineral(s) granted in lease and proved for mining	Limestone
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. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	
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 01.04.20...	Nil	Nil	
1f	General remarks of inspecting officer on geology, exploration etc.	No proposal of exploration & area already explored		

Development

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	E460-E650 S1360-S1670 261-258 mRL E510-E850 S1420-S1660 258-250 mRL E475-E590 S972-S1190 242-234 mRL	E620-E740 S1400-S1600 260-258 mRL E650-E850 S1450-S1600 258-250 mRL E620-E780 S1050-S1150 242-234 mRL	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Planned	Yes	
2c	Stripping ratio or ore to OB ratio	1:0.355	1:1.23	
2d	Quantity of topsoil generation in m3	49400 M3	1200 M3	
2e	Quantity of overburden generation in m3	96500 M3	179227 M3	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The benches in overburden are sufficiently advanced & not interfering with the mineral bench		

Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	E460-E650 S1360-S1670 261-258 mRL E510-E850 S1420-S1660 258-250 mRL E475-E590 S972-S1190 242-234 mRL	E620-E740 S1400-S1600 260-258 mRL E650-E850 S1450-S1600 258-250 mRL E620-E780 S1050-S1150 242-234 mRL	

SN	Item	Proposals	Actual work	Remarks
3b	Quantity of ROM mineral production proposed	0.543 Million Tons	290200 T	
3c	Recovery of salable/usable mineral from ROM production	0.543 Million Tons	290200 T	
3d	Quantity of mineral reject generation	0.193 Million Ton	0.358 Million Ton	
3e	Grade of mineral reject generation and threshold value declared	Cao <34	0.358 Million Ton	
3f	Quantity of sub-grade mineral generation	0 Million Ton	0.0234 Million Ton	
3g	Grade of sub-grade mineral generation	34<Cao<42	0.0234 Million Ton	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No	No	
3j	Provision of drilling & blasting in mineral benches	Yes.	Yes	
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	Yes, 8 Mtr	Yes, 8 Mtr	
3m	Total area covered under excavation/pits	9.88 ha	3.29 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.355	1:1.23	
3o	Total area put in use under different heads at the end of year	Not provided	3.29 ha.	
3p	Production of ROM mineral during last five-year period, as applicable	2015-16–0.543 MioT 2014-15–0.513 MioT 2013-14–0.519 MioT 2012-13–0.535 MioT 2011-12–0.518 MioT	2015-16 – 290200 T 2014-15 – 313900 T 2013-14 – 318600 T 2012-13 – 350050 T 2011-12 – 470100 T	
3q	General remarks of inspecting officer on method of mining etc.	Actual production does not exceed the proposed production.		

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Yes	Done	
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	Not Provided	

4i	Length of Retaining wall or garland drain all along dump	Nil	Not Provided	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management	Garland drains & retaining wall all along the toe of the dump was not constructed as per the proposal.		

Solid Waste Management-Backfilling

SN	Item	Proposals	Actual work	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	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No proposals for backfilling		

Progressive Mine Closure Plan

SN	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	Yes	
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	Nil Nil Nil Nil Nil Nil	Nil Nil 0 0 0 0	
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	Available	Complied with	

SN	Item	Proposals	Actual work	Remarks
	monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	Nil	
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	No	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Yes	
8b	Concurrent use or storage of topsoil	Yes	Yes	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes	Yes	
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	Nil	0	
8g	Survival rate	Nil	0	
8h	Water sprinkling on roads to control airborne dust	Yes	3 Nos Water tanker deployed	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Plantation done & dust suppressions control measure in place.		

Compliance of Rule 45

SN	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto August 2016 A.R. submitted upto April 15 to March 2016	

SN	Item	Details given in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Correct	Provided	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Correct	Provided	
9d	Scrutiny of Annual return on afforestation	Correct	Provided	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Correct	Provided	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Correct	Provided	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Correct	Provided	
9i	Scrutiny of Annual return on fixed assets	Correct	Provided	
9k	Scrutiny of Annual return on mining machineries	Correct	Provided	

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

During the inspection violation of Rules 13(1), 21 & 28 were observed and the same has been communicated to the lessee vide letter no.MAH/CDN/LST-20/NGP Dt. 20.10.2016. Earlier, violation of Rule 23F3 was existing on the mine which was served on 21.07.2016 & complied by the lessee on 18.8.2016.

**(Name of inspecting officer
with designation and date)**