

MCDR INSPECTION REPORT

General

S. N.	Particulars	Details
1	Name of the Mine	Arasmeta Limestone Mine Lease No.3
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total area – 46.292 Ha, All Non-Forest area
3	Minecode	
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/378/2011
5	Name of the lessee, Address, phone, email and fax number	M/S Lafarge India Pvt. Limited,Equinox Business Park,Tower-3,Kurla, Mumbai Phone:02266306511 E mail:ramesh.chandra@lafarge.com Fax:022-66306510
6	Village	Arasmeta
7	Taluka/Mandal	Akaltara
8	District	Janjgir-Champa
9	Pincode	495663
10	State	Chattisgarh
11	Post office	Gopalnagar
12	Nearest police station	Mulmula
13	Nearest Railway station	Akaltara
14	Date of Grant of Mining Lease	27.12.1996
15	Date of Execution	18.06.1997
16	Date of opening of Mine	
17	Date of first Renewal, if applicable and its period & expiry	NA
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	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr.Ujjwel Batria,Lafarge India Limited,Equinox Business Park,Tower-3,East Wing,4 th Floor of Bandra,Kurla Complex,LBS Road Kurla (W),Mumbai Date of Appointment:

21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	No mining Engineer appointment notice given. Mines is Non working due to legal litigation as reported .
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No mining Engineer appointment notice given.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No mining Engineer appointment notice given.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Appointment notice not given
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Dated 11.09.1998
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Date of approval of Progressive Mine Closure Plan ,Dated 14.07.2009,No.314(3)/2008-MCCM(CZ)PMCP
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

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	No approval as there is no approved document and MMP is under process.
1b	Exploration over lease area for Geological axis 1 or 2.			
1c	Exploration Agency & Expenditure in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2			
1e	Balance reserves as on 01.04.2015	8.63 million tons	8.63 million tons	No working has been done after execution due to legal matter.
1f	General remarks of inspecting officer on geology, exploration etc.			The deposit is very uniform and sufficient exploration is done.

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	No Proposal	NA	No working proposed as there is no approved

				document after the mining plan and presently the lessee has submitted Modified Mining Plan which is under process
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	NA	
2c	Stripping ratio or ore to OB ratio	No Proposal	NA	
2d	Quantity of topsoil generation in m ³	No Proposal	NA	
2e	Quantity of overburden generation in m ³	No Proposal	NA	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			The development is yet to be started due to legal problem on land issue as reported.

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	No Proposal	NA	For 2015-16 no approved document, as the mining plan approved with a five year proposal which expires on 2003.

3b	Quantity of ROM mineral production proposed	No Proposal	NA																													
3c	Recovery of salable/usable mineral from ROM production	No Proposal	NA																													
3d	Quantity of mineral reject generation	No Proposal	NA																													
3e	Grade of mineral reject generation and threshold value declared	No Proposal	NA																													
3f	Quantity of sub-grade mineral generation	No Proposal	NA																													
3g	Grade of sub-grade mineral generation	No Proposal	NA																													
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	NA																													
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	NA																													
3j	Provision of drilling & blasting in mineral benches	No Proposal	NA																													
3k	Provision of mining machineries in mineral benches	No Proposal	NA																													
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	NA																													
3m	Total area covered under excavation/pits	No Proposal	NA																													
3n	Ore to OB ratio for the pit/mine during the year	No Proposal	NA																													
3o	Total area put in use under different heads at the end of year	No Proposal	NA																													
3p	Production of ROM mineral during last five-year period, as applicable	<table border="1"> <thead> <tr> <th>Year</th> <th>Proposed (mt)</th> </tr> </thead> <tbody> <tr> <td>2011-12</td> <td>Nil</td> </tr> <tr> <td>2012-13</td> <td>Nil</td> </tr> <tr> <td>2013-14</td> <td>Nil</td> </tr> <tr> <td>2014-15</td> <td>Nil</td> </tr> <tr> <td>2015-16</td> <td>Nil</td> </tr> <tr> <td>Total</td> <td>Nil</td> </tr> </tbody> </table>	Year	Proposed (mt)	2011-12	Nil	2012-13	Nil	2013-14	Nil	2014-15	Nil	2015-16	Nil	Total	Nil	<table border="1"> <thead> <tr> <th>Year</th> <th>Actual (mt)</th> </tr> </thead> <tbody> <tr> <td>2011-12</td> <td>Nil</td> </tr> <tr> <td>2012-13</td> <td>Nil</td> </tr> <tr> <td>2013-14</td> <td>Nil</td> </tr> <tr> <td>2014-15</td> <td>Nil</td> </tr> <tr> <td>2015-16</td> <td>Nil</td> </tr> <tr> <td>Total</td> <td>Nil</td> </tr> </tbody> </table>	Year	Actual (mt)	2011-12	Nil	2012-13	Nil	2013-14	Nil	2014-15	Nil	2015-16	Nil	Total	Nil	
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3q	General remarks of inspecting			The mining																												

	officer on method of mining etc.			activity yet to start.
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Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	Nil	
4b	Location of topsoil, OB & mineral reject dumps	NA	NA	
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)	NA	NA	
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	NA	NA	
4i	Length of Retaining wall or garland drain all along dump	NA	NA	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			There are no waste dumps as the work not commence.

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	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			There is no reclaimed and backfilled

	etc			area.
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Progressive Mine Closure 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.	No proposal	No	
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	
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)		complied	
6f	General remarks of inspecting officer on PMCP			

	compliance & progressive closure operations			
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Mineral Conservation

S.N.	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	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			No mineral beneficiation done.

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NA	
8b	Concurrent use or storage of topsoil	No proposal		
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal		
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal		
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal		
8f	Baseline information on existence of plantation & additional plantation done	No proposal		

	(Rule 41)			
8g	Survival rate	Nil	Nil	
8h	Water sprinkling on roads to control airborne dust	No proposal	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			As the mining is yet to be started therefore no impact on aesthetic beauty.

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	Returns not submitted since opening		Mines not started due to legal problem and mines is not having Mine code.
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	NA		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA		
9d	Scrutiny of Annual return on afforestation	NA		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA		
9i	Scrutiny of Annual return on fixed assets	NA		
9k	Scrutiny of Annual return on mining machineries	NA		

Details of violations observed during current inspection and compliance position of earlier violation pointed out:- Rules 42(1)©(i),45(5)(a)(viii) & 45(5)(b)(viii) of MCDR,1988 found violated.

Rajesh Kumar Das,Sr.ACOM, DOI-24.05.2016
(Name of inspecting officer with designation and date)