

MCDR INSPECTION REPORT

General

S. N.	Particulars	Details
1	Name of the Mine	Shekhadi Bauxite Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	51.240 Ha. 00.00 Ha. Forest Land 51.240 Ha. Non Forest Land
3	Mine code	07MSH12009
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/10256/2012
5	Name of the lessee, Address, phone, email and fax number	Alatge Stone Crushing Industries Wyoming Co. Op. HSG. Society Ltd, 4TH Floor, Flat No 4,12A, Little Gibs Road, Malabar Hill, Mumbai 400006
6	Village	Shekhadi
7	Taluka/Mandal	Shriwardhan
8	District	Raigad
9	Pin code	402110
10	State	Maharashtra
11	Post office	Shriwardhan
12	Nearest police station	Shriwardhan
13	Nearest Railway station	Mangaon
14	Date of Grant of Mining Lease	02/03/2001
15	Date of Execution	01/06/2009
16	Date of opening of Mine	16/11/2009
17	Date of first Renewal, if applicable and its period & expiry	--
18	Date of second Renewal, if applicable and its period & expiry	--
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	--
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Chetan Shah, Wyoming Co.Op HSG. Society Ltd, 4TH Floor, Flat No 4,12A, Little Gibs Road, Malabar Hill, Mumbai 400006
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Jayant Jani, H. No 148, At Arathi, Post. Tal. Shriwardhan, Dist. Raigad, Maharashtra State, Pin 402110. Date of Appointment : 16/09/2009
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Not Appointed
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not Appointed
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Not Appointed
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan - 19/01/2006 Modified Mining Plan – 13/10/2009
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Mining Scheme – 16/01/2014
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining(Open cast, Underground)	Open cast

29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non Captive	Non 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	03 non-core borehole 01 trial pit & 1 trenching is done respectively (2013- 14).	For Quality purpose.
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	G-1 reserves reported
1c	Exploration Agency & Expenditure in lakh Rupees during the year	In House Exploration	In House Exploration Nil expenditure	
1d	Balance area to be explored to bring Geological axis in 1 or 2	04	Nil as mine was non- operational.	Balance area will be explored in coming year.
1e	Balance reserves as on 01.04.2015	Probable: 491279 T (121).	Probable: 491279 T (121).	As per SOM.
1f	General remarks of inspecting officer on geology, exploration etc.	Mine is reporting Nil production since 2011-12 due to suspension of all mining operations for non-compliance of Rule 13(1) and 45 of MCDR'88.		

Development

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	E-W	Nil	Mine was non – operational.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Nil	Nil	Mine was non – operational.
2c	Stripping ratio or ore to OB ratio	1:0.03	Nil	Mine was non – operational.
2d	Quantity of topsoil generation in m3	Nil	Nil	Mine was non – operational.
2e	Quantity of overburden generation in m3	Nil	Nil	Mine was non – operational.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine is reporting Nil production since 2011-12 due to suspension of all mining operations for non-compliance of Rule 13(1) and 45 of MCDR'88.		

Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	01	Nil	Mine was non – operational.
3b	Quantity of ROM mineral production proposed	99225 T	Nil	Mine was non – operational.

SN	Item	Proposals	Actual work	Remarks
3c	Recovery of salable/usable mineral from ROM production	Nil	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
3h	Manual / Mechanized method adopted for segregating from ROM	Yes	Mechanized	A category mine.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	Nil	NA
3j	Provision of drilling & blasting in mineral benches	Drilling & blasting using 110mm dia hole using slurry & ANFO in conjunction with delay detonators.	Nil	
3k	Provision of mining machineries in mineral benches	Yes	Nil	As per SOM.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Nil	Mine was non – operational.
3m	Total area covered under excavation/pits		0.750 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	1:0.03	Nil	Mine was non – operational.
3o	Total area put in use under different heads at the end of year	Nil	Nil	
3p	Production of ROM mineral during last five-year period, as applicable	2010-11 : 100531 T 2011-12 : 115192 T 2012-13 : 131652 T 2013-14 : 99225 T 2014-15 : 99225 T	2010-11 : 37,500 T 2011-12 : Nil 2012-13 : Nil 2013-14 : Nil 2014-15 : Nil	
3q	General remarks of inspecting officer on method of mining etc.			

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	Nil	Mine was non – operational.
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 stabilized	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 on waste dump management			

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	Mine was non – operational.
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			

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.			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			
6e	Compliance of Environmental 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	Nil	
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	Nil	Mine was non – operational.
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	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	Nil	Nil	
8g	Survival rate	Nil	Nil	
8h	Water sprinkling on roads to control airborne dust	Nil	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

Compliance of Rule 45

SN	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to June-16 A.R. submitted up to 2015-16	

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	Grad Mining Engineer -1, Other Admin & Tech. Sup. Staff – 1	Graduate Mining Engineer as reported in the Annual returns is Shri Narendra Kumar but no Geologist appointed due to non-working	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under Current Working – 0.750	Yes	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM : 0 T Graded : 778.83 T	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Nil	
9i	Scrutiny of Annual return on fixed assets	Nil	Yes	
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	

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

Mine is already under suspension under Rule 13(2) & 45(7) of MCDR'88 vide letters no. MAH/RGH/BX-14/NGP dated 06/03/2014. Inspection was done with reference to the revocation application made by the lessee but on inspection, the violations were found 'not complied' as on date of inspection. Thus the suspension order stands good till the violations are complied.

(Ashish Mishra)
Assistant Controller of Mines
Nagpur Regional Office