

INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION
MCDR INSPECTION REPORT

Guwahati Regional office

Mine file No : IBM/GHY/ASM/NCH/LST-2

Mine code : 38ASM08003

Date of Inspection: 08.11.2017 & 09.11.2017

General

S.N.	Particulars	
1	Name of the Mine	New Umrangshu Limestone Mine
2	Total Lease Area(Ha) with breakup of Non-forest and forest land	35 hactares (Non Forest)
3	Mine code	38ASM08003
4	IBM Registration Number under rule 45 of MCDR , 1988	IBM/6738/2011
5	Name of the lessee,Address,phone, email and fax number	NECEM Cements Ltd., Housing Colony Road, Rukmini Nagar, Dispur,Guwahat-781006
6	Village	New Umrangshu
7	Taluka/Mandal	Umrangshu
8	District	Dima Hasao
9	Pincode	788931
10	State	Assam
11	Post office	Umrangshu
12	Nearest police station	Umrangshu
13	Nearest Railway station	Lanka
14	Date of Grant of Mining Lease	16.08.1985
15	Date of Execution	6.1.1986
16	Date of opening of Mine	6.1.1986
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	26.06.2005
20	Name of the Nominated owner with Address, phone, email,fax number and date of appointment	Shri Navneet Agarwal, Housing Colony Road, Rukmini Nagar, Dispur,Guwahat-781006,Phone:- 0361-2261814, E-mail:- necemcements@gmail.com
21	Name of the Mine agent with Address, phone, email,fax number and date of appointment	Shri Navneet Agarwal, Housing Colony Road, Rukmini Nagar, Dispur,Guwahat-781006,Phone:- 0361-2261814, E-mail:- necemcements@gmail.com
22	Name of the Mines Manager with Address, phone, email,fax number and date of appointment	Shri Pramod Kumar Singh, Lakharpur, Faridabad, Email : promode_singh@gmail.com
23	Name of the Mining Engineer , Qualification and total experience with Address , phone, email, fax number and date of appointment in mine	Presently not available (Due to insurgency issue nobody is redy to continue their service in this mine)
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44	Yes, Shri Dillip Kumar Phukan (Geologist) (Due to insurgency issue nobody is redy to continue their service in this mine)
25	Date of Approaval of Mining plan/Modified Mining plan with five year period & specific condition in approaval letter, if any	Letter No.IBM/GHY/AS/DH/LST/MP-59 Dt. 15-12-2014
26	Date of Approaval ofScheme of Mining/Modified Scheme of Mining with five year period & specific condition in approaval letter, if any	Letter No.IBM/GHY/AS/DH/LST/MP-59 Dt. 22-11-2016
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Open Cast
29	Category (Fully Mechanised, Others or Mnual)	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.	Items	Proposals	Actual work	Remarks
1a	Backlog of previous year	NA	NA	
1b	Exploration over lease area for Geological axis 1 or 2	Nil	17.16 Ha.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	17.84 Ha.	17.84 Ha.	
1e	Balance reserves as on 01.04.2017		9.639 Million Tons	
1f	General remarks of inspecting officer on geology, exploration etc.	NA	NA	

Development

S.N.	Items	Proposals	Actual work	Remarks
2a	Location of development w.r.t lease area	As per the proposal of RoMP	Partially complied to the proposal	
2b	Separate benches in topsoil , overburden and mineral (Rule 15)	OB-2 bench, Ore-5 Bench	OB-2 bench, Ore-5 Bench	
2c	Stripping ratio or ore to OB ratio	1:0.46	1:0.46	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	14892	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t type of deposit etc.			

Exploitation

S.N.	Items	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed		15741.92 Tons	Up-to October 2017
3c	Recovery of salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	NA	NA	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual/Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	
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	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	6 mtr	6 mtr	
3m	Total area covered under excavation / pits	4.932 Ha.	4.932 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	1:0.46	1:0.46	
3o	Total area put in use under different heads at the end of year	Pits = 4.932 Hect. Waste dump= 1.340 Road = 0.910 Plntation = 6.280	Pits = 4.932 Ha. Waste dump= 1.340 Ha. Road = 0.910 Plntation= 6.280	
3p	Production of ROM mineral during last five year, as applicable	2013-14 = Nil 2014-15 = Nil 2015-16 = 17986.85 2016-17 = 11301.97 2017-18 = 15741.92	2013-14 = Nil 2014-15 = Nil 2015-16 = 17986.85 2016-17 = 11301.97 2017-18 = 15741.92	
3q	General remarks of inspecting officer on method of mining etc			

Solid Waste Management- Dumping

S.N.	Items	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject(Rule 32, 33)	NA	NA	
4b	Location of topsoil , OB & mineral reject dumps	As per the proposal of RoMP	As per the proposal of RoMP	
4c	Number of dumps within lease area and outside lease area	1	1	
4d	Location of dumps w.r.t ultimate pit limit (Rule 16)	As per the proposal of RoMP	As per the proposal of RoMP	
4e	Number of active & alive dumps	1	1	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dump	Nil	Nil	
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			

Solid Waste Management- Backfilling

S.N.	Items	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	NA	NA	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	NA	NA	
5d	Total area fully reclaimed & rehabilitated	NA	NA	
5e	General remarks of inspecting officer on backfilling , reclamation etc			

Progressive Mine Closure Plan

S.N.	Items	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		Not submitted for the year 2017-18	
6b	Management of worked /mined out benches i)Area available for rehabilitation (ha) ii)Afforestation done(ha) ii) 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	i) 0.25 ha.	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 Rehabilitation by making water reservoir iv) Any other specific means v) Any	Nil	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated(ha) iii) Method of rehabilitation	i) 0.25 ha.	Nil	
6e	Compliance of Environmental monitoring(core zone & buffer zone)		Complied	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

Mineral Conservation

S.N.	Items	Proposals		Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA		NA	
7b	Method of grade -wise mineral sorting i.e manual or mechanical	NA		NA	
7c	Different grade of mineral sorted out at mines	Nil		Nil	
7d	Any beneficiation process at mines	NA		NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues				

Environment

S.N.	Items	Proposals		Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Topsoil		No Topsoil	
8b	Concurrent use or storage of topsoil	NA		NA	
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	NA		NA	
8e	Phased restoration , reclamation and rehabilitation of lands affected by mining operations(pits, dumps etc)	NA		NA	
8f	Baseline information on existence of plantation & additional plantation done(Rule 41)	0.25 ha.		Nil	
8g	Survival rate	Nil		Nil	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling done by Water Tanker		Water sprinkling done by Water	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area				

Compliance of Rule 45

S.N.	Item	Comments		Remarks
9a	Status of submission of Monthly and Annual returns	Monthly Return submitted upto	Sept' 2017	
		Annual Return submitted upto	2016-17	
S.N	Item	Details Given in Annual Return	Observation of I/Officer	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		Nil	
9d	Scrutiny of Annual return on afforestation		Nil	
9e	Scrutiny of Annual return on mineral reject generation(Grade & Quantity)		Nil	
9f	Scrutiny of Annual return on ROM stock and/ or graded ore		Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost		Nil	
9i	Scrutiny of Annual return on fixed assets		Nil	
9k	Scrutiny of Annual return on mining machineries		Nil	

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

Violations under rules 11(1), 13(2), 26(2) and 27(2) were pointed out and violation letter has been issued to the lessee on 14.11.2017. No details available with this office for the last MCDR inspection of the above mine.

Name of inspecting officer with designation and date