

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/NLR/VR-23

Mine code : 62APR15015

- (i) Name of the Inspecting : 25) SHRI IBRAHIM SARIF
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 16/06/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : DUGAR III
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address** :
State : ANDHRA PRADESH
District : NELLORE
Village : PALICHERLA
Taluka : GUDUR
Post office : PALICHERLA
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) **Police Station** : GUDUR
- (g) **First opening date** : 12/11/1989
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : PALICHERLA(V),RAJUPALEM(PO)
GUDURU(M)
NELLORE DISTRICT
3. (a) **Lease Number** : APR1024
- (b) **Lease area** : 2.71
- (c) **Period of lease** : 30
- (d) **Date of Expiry** : 11/11/2037
4. **Mineral worked** : VERMICULITE Main

5. Name and Address of the

Lessee : DUGAR INSULATIONS INDIA(P)LTD
 DUGAR TOWERS,123, MARSHALLS
 ROAD EGMORE,CHENNAI-8
 CHENNAI CITY TAMIL NADU
 Phone:
 FAX :

Owner : DUGAR INSULATIONS INDIA(P) LTD
 DUGAR TOWERS 123,MARSHALLS
 RD EGMORE,CHENNAI-8 CHENNAI
 CITY TAMIL NADU
 Phone:
 FAX :

Manager

Name : P.S.HARIBABU
 Qualification : DME
 Appointment/ : 20/02/2006
 Termination date

6. Date of approval of Mining	:	Renewal under rule 24 MCR1960	01/02/2008
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	05/02/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	WESTERN PIT	WESTERN PIT	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	nIL	nIL	
2e	Quantity of overburden generation in m3	62 MT	62 MT	

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	310 MT	1305 MT	
3d	Quantity of mineral reject generation	Nil	Nil	
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	manual	semi Mechanised	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposal	Nil	

3j	Provision of drilling and blasting in mineral benches	Yes, Drilling & blasting is required	Drilling blasting is required
3k	Provision of mining machineries in mineral benches	No machineries, manual mining was proposed in ineral benches	Smaal capacity excavator is observed in mineral benches
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 3 mtrs	Yes, 3 mtrs
3m	Total area covered under excavation/pits	.71Ha	.71Ha
3o	Total area put in use under different heads at the end of year	Mining : 0.71 Ha, Road: 0.12 Ha, Green belt : 0.74 Ha, Environmental protective measures : 0.1 Ha	Mining : 0.71 Ha, Road: 0.12 Ha, Green belt : 0.74 Ha, Environmental protective measures : 0.1 Ha
3p	Production of ROM mineral during the last five year period as applicable	2014-15 : 704 MT, 2015-16: 1550 MT, 2016-17: 310 MT	2014-15 : 2590 MT, 2015-16: 2000 MT, 2016-17: 1305 MT

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Yes	
4b	Location of topsoil, OB and mineral reject dumps	Near ML pillar-5	Near ML pillar-5	
4c	Number of dumps within lease area and outside of lease area	outside UPL	outside UPL	
4f	Number of dead dumps.	Nil	Nil	

4h	Whether Retaining wall or garland drain all along dumps are there.	NO proposal	Nil
4j	Number of settling ponds	NO proposal	Nil

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Backfill the Eastern block	Not backfilled due to presence of ore	
5b	Area under backfilling of mined out area	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Yes	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	0.03 Ha	0.03 Ha	
6d	No. of saplings planted during the year	50	50	
6e	Cumulative no .of plants	140	165	
6g	Cost incurred on watch and care during the year	NO proposal	Rs 5000	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Manual	Manual	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	Yes	Yes	
7d	Any beneficiation process at mines	Yes	Yes	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	For plantation	For plantation	
8b	Concurrent use or storage of topsoil	Yes	Yes for plantation	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling	NO Backfilling due to presence of ore	
8h	Water sprinkling on roads to control airborne dust	For dust suppression	For dust suppression	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly & annual returns has to be submitted regularly	Monthly & annual returns are being submitted regularly	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Nil, Geologist : Nil Nil	Mining Engineer: Nil, Geologist : Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under opencast : 1.5 Ha	Mining : 0.71 Ha, Road: 0.12 Ha, Green belt : 0.74 Ha, Environmental protective measures : 0.1 Ha
9d	Scrutiny of Annual return on afforestation	50	50
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	1959	1959
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex mine Price : Rs 300, Cost of production RS.290	Ex mine Price : Rs 300, Cost of production RS.290
9h	Scrutiny of Annual return on fixed assets	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	One excavator observed

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

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	02/08/2017	MCDR17	Rule 11(1)	02/08/2017

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines