

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

MCDR INSPECTION REPORT

Chennai regional office

Mine file No : TN/SLM/Mg-42/Mds

Mine code : 39TMN11018

- (i) Name of the Inspecting : S011) SALIL SANDIP KUJUR
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : MINE MANAGER, AGENT-MINES
Official with
Designation
- (iv) Date of Inspection : 04-FEB-17
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : A.S.JAGIR AMMAPALAYAM (10
- (b) **Registration NO.** :
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : SALEM
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. : 0427-2341407
- E-mail :
- Phone : 0427-2341404
- (f) **Police Station** :
- (g) **First opening date** : 05-JUN-79
- (h) **Weekly day of rest** : SUN
2. **Address for** : BURN STANDARD COMPANY LTD.
correspondance POST BAG NO 565,
SALEM 636005
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : MAGNESITE Main

5. Name and Address of the

Lessee : BURN STANDARD CO. LTD.
P.B.NO.565 SALEM-636005
SALEM TAMIL NADU
Phone:
FAX :

Owner : SAMIR Kr SINGH, M/S. BURN STANDARD COMPANY LIMIT
POST BOX NO.5 SALEM SALEM
TAMIL NADU
Phone:
FAX :

Agent : N.P.GOVINDARAJAN
M/S. BURN STANDARD COMPANY
LIMITED SALEM. SALEM TAMIL
NADU
Phone:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	7	NIL	NIL,MINES NOT WORKING
1b	Exploration over lease area for geological axis 1 or 2	NIL	NIL	NIL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	NIL
1e	Balance reserve as on 01/04/20	NA	161084MT	NIL
1f	General remarks of inspecting officers on geology, exploration etc	NA	NA	MINES IS NOT IN OPERATION SINCE 2013

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	AS PROPOSED,WEST	WESTERN SIDE OF THE LEASE	NIL
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES	YES	NIL
2c	Stripping ratio or ore to OB ratio	1:15.7	NIL	NIL
2d	Quantity of topsoil generation in m3	NIL	NIL	NIL
2e	Quantity of overburden generation in m3	NIL	NIL	NIL

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	NA	MINES NOT IN OPERATION FROM 2013
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	ONE	ONE	NIL
3b	Quantity of ROM mineral production proposed	83333	NIL	NIL
3c	Recovery of sailable/usable mineral from ROM production	1:15.7	NIL	NIL
3d	Quantity of mineral reject generation	78333	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	NIL
3f	Quantity of sub grade mineral generation.	NA	NA	NIL
3g	Grade of sub grade mineral generation	NIL	NIL	NILK
3h	Manual / Mechanised method adopted for segregating from ROM	MANUAL	MANUAL	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	YES	YES	NIL

3k	Provision of mining machineries in mineral benches	YES	NIL	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	AS PROPOSED	NIL	NIL
3m	Total area covered under excavation/pits	AS PROPOSED	16.26HA	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:15.7	NIL	NIL
3o	Total area put in use under different heads at the end of year	AS PER PROPOSEL	1)Area under Mining- 11.22.5 2) waste Dump - 9.7 3) Mine Roads - 1.10.00 4) Safety and Area under Plantation - 0.60.00 5) Infrastructure- 0.50.00 6) Mineral Storage- 1.00.00 8)Virgin Area 0.37.50 9) Other block 13.32 Total Area=37.82 Ha	NIL
3p	Production of ROM mineral during the last five year period as applicable	"2011-12 - 72765 MT 2012-13 - 155200 MT 2013-14 -83333 MT 2014-15 - 83333M T 2015-16 - 83333 MT Total - 480964 MTonnes"	"2011-12 - 218268 MT 2012-13 - NIL 2013-14 -Nil 2014-15 - Nil 2015-16 - Nil Total - 218268 MTonnes"	NIL MINE IS NOT WORKING SINCE 2013
3q	General remarks of inspecting officers on method of mining etc.	NA	NA	MINE IS NOT WORKING SINCE 2013,SATICFACTORY

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	AS PROPOSED	NIL	NIL
4b	Location of topsoil, OB and mineral reject dumps	AS PROPOSED	NIL	NIL
4c	Number of dumps within lease area and outside of lease area	AS PER PROPOSAL	with in area 2 dumps,otside the lease area Nil	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	AS PROPOSED	NIL,SOUTH -EAST(VERY OLD)	NIL
4e	Number of active and alive dumps.	1	1	NIL
4f	Number of dead dumps.	AS PROPOSED	1	NIL
4g	Number of dumps established.	1	1	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	AS PROPOSED	GARLAND DRAIN DOES NOT EXISTS	NIL
4k	Specific comments of inspecting officer on waste dump management	NA	NA	CONSTRUCTION OF GARLAND DRAIN AND RETAINING WALL IS INSTRUCTED.

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.	NIL	NIL	NIL
5b	Area under backfilling of mined out area	NIL	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NIL	NIL

5d	Total area fully reclaimed and rehabilitated	NIL	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	NA	SATISFACTORY

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).	PROPOSED	NOT SUBMITTED	MINES IS NOT WORKING
6b	Area available for rehabilitation (ha) .	NIL	NIL	NIL
6c	afforestation done (ha).	0.60HA	0.60HA	NIL
6d	No. of saplings planted during the year	400	200	NIL
6e	Cumulative no .of plants	1000	800	NIL
6f	Any other method of rehabilitation	NA	NIL	NIL
6g	Cost incurred on watch and care during the year	20000	10000	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	NIL

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NA	NA	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NOT PROPOSED	NIL	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	YES	COMPLIED AS PROPOSED	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	NA	NIL ,THE MINING OPERATION IS STOPPED SINCE 2013

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	AS PROPOSED	NIL	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL	NIL	NIL
7c	Different grade of mineral sorted out at mines.	AS PROPOSED, 0-5% Silica, 5.01-7% Silica, 7.01-10% Silica, and Low Calcined magneiste	NIL	NIL
7d	Any beneficiation process at mines .	AS PROPOSED	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	NA	SATISFACTORY

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NIL	NIL
8b	Concurrent use or storage of topsoil	NIL	NIL	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	NIL

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	NIL
8g	Survival rate	80%	80%	NIL
8h	Water sprinkling on roads to control airborne dust	PROPOSED	NIL	MINE IS NOT WORKING
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NA	NA	MINE IS NOT WORKING SINCE 2013

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	PROPOSED	NOT SUBMITTED	NIL, MINE IS NOT WORKING
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	NIL

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL	NIL
9d	Scrutiny of Annual return on afforestation	NIL	NIL	NIL, MINES IS NOT WORKING.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NIL	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL, CAPTIVE MINESQ	MINE IS NOT WORKING SINCE 2013
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	NIL, MINING OPERATION IS STOPPED SINCE 2013.

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

Date :

(SALIL SANDIP KUJUR)

Indian Bureau of Mines