

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/STN/LST-11

Mine code : 38MPR35290

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 19-MAR-20
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KEMA KOTHAR (318.19 AC)**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : SATNA
Village :
Taluka :
Post office :
Pin Code :
FAX No. : NA
E-mail : NA
Phone : NA
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : M/S SHRI MARUTAYA BALAJI STEEL LTD.
correspondance : 5, BENTRICK STREET, KOLKATA (W.B.)
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SHRI MARUTAYA BALAJI STEEL LTD.
5, BENTRICK STREET, KOLKATA
(W.B.) KOLKATA WEST BENGAL
Phone:
FAX :

Owner : SHRI MARUTAYA BALAJI STEEL LTD.
5, BENTRICK STREET, KOLKATA
(W.B.) KOLKATA WEST BENGAL
Phone: AN
FAX : NA

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	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
1b	Exploration over lease area for geological axis 1 or 2	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
1e	Balance reserve as on 01/04/20	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
1f	General remarks of inspecting officers on geology, exploration etc			Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
2c	Stripping ratio or ore to OB ratio	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
2d	Quantity of topsoil generation in m3	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
2e	Quantity of overburden generation in m3	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

3b	Quantity of ROM mineral production proposed	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3c	Recovery of sailable/usable mineral from ROM production	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3d	Quantity of mineral reject generation	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3e	Grade of mineral rejects generation and threshold value declared.	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3f	Quantity of sub grade mineral generation.	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3g	Grade of sub grade mineral generation	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

3j	Provision of drilling and blasting in mineral benches	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3k	Provision of mining machineries in mineral benches	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3m	Total area covered under excavation/pits	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3n	Ore to OB ratio for the pit/mine during the year.	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3o	Total area put in use under different heads at the end of year	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3p	Production of ROM mineral during the last five year period as applicable	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
3q	General remarks of inspecting officers on method of mining etc.			Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4b	Location of topsoil, OB and mineral reject dumps	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4c	Number of dumps within lease area and outside of lease area	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4e	Number of active and alive dumps.	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4f	Number of dead dumps.	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4g	Number of dumps established.	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.

4i	Length of Retaining wall or garland drain all along dumps	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4j	Number of settling ponds	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
4k	Specific comments of inspecting officer on waste dump management			Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.

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.	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
5b	Area under backfilling of mined out area	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.
5d	Total area fully reclaimed and rehabilitated	NA	NIL	Mine is closed, no valid document available voilation for rule 11(4) of MCDR 2017 issued.

5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
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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).	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6b	Area available for rehabilitation (ha) .	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6c	afforestation done (ha).	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6d	No. of saplings planted during the year	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6e	Cumulative no .of plants	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6f	Any other method of rehabilitation	NA	NIL:	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

6g	Cost incurred on watch and care during the year	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
7c	Different grade of mineral sorted out at mines.	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

7d	Any beneficiation process at mines .	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
8b	Concurrent use or storage of topsoil	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
8g	Survival rate	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
8h	Water sprinkling on roads to control airborne dust	NA	NIL	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
9d	Scrutiny of Annual return on afforestation	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
9h	Scrutiny of Annual return on fixed assets	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.
9k	Scrutiny of Annual return on mining machineries	NA	NA	Mine is closed, no valid document available violation for rule 11(4) of MCDR 2017 issued.

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

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(4)	04-MAY-20			

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines