

MCDR INSPECTION REPORT

General:

Sl .No.	Particulars	Details
1	Name of the Mine	Dalli Iron Ore Mine (Manual)
2	Date of Inspection:	02/06/2022
3	Name of Inspecting Officer	Dayanand Upadhyay, Sr ACOM
4	Name of official accompanying inspection	Saurabh Kumar, Mine Manager
5	Last date of Inspection & Officer	05/04/2019 By R.K.Das, Sr. ACOM
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	100.0 Forest Land
7	Mine code	30MPR13001
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/5662/2011
9	Name of the Lease, Address, Phone, email and fax number	Dalli Forest Range Lease Dalli-Rajhara and Dondi Tehsil, Balod District, Pin:-491228 9407980684
10	Village	Kondekassa
11	Taluka/Mandal	Dondi
12	District	Balod
13	Pin code	491228
14	State	Chhattisgarh
15	Post Office	Dalli Rajhara
16	Nearest Police Station	Dalli Rajhara
17	Nearest Railway Station	Dalli Rajhara
18	Date of Grant of Mining Lease	27.8.1963
19	Date of Execution	Lease deed executed on 21/08/2003 for further extension of 20 years.
20	Weekly day of rest	Monday
21	Date of opening of Mine	15.11.1965
22	Date of First Renewal, if applicable and its period & expiry	27.8.1983 to 26.8.2003 for 155 Hect. Vide letter no. 3-71/83/12/1 dated 22.8.1998
23	Date of Second Renewal, if applicable and its period & expiry	21.8.2003 to 20.8.2023 for 100 Hect vide letter no. F 3-46/2003/12 dtd. 03.01.05
24	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
25	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Anirban Dasgupta Director In- Caharge, Bhilai Steel Plant Steel Authority of India Limited (SAIL) Ispat Bhawan, Bhilai Steel Plant, Bhilai Phone No – 0788 2200999, 2862001 Fax:- 0788-2862001

		E-mail:- directoricsp@sail.in Appointment- 31.07.2020
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	PM Shirpurkar Dalli Iron ore Mine(Manual), Dalli Administrative Office, Dalli-Rajhara Dist.: Balod, State Chhattisgarh Pin-491228 Phone: 9407983609 Appointment date:-04.08.2020
27	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Saurabh Kumar Dalli Iron ore Mine (Manual), Dalli Administrative Office, Dalli-Rajhara Dist.: Balod, State Chhattisgarh Pin-491228 Phone: 9407980684 Appointment- 01.04.2019
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Saurabh Kumar Dalli Iron ore Mine (Manual), Dalli Administrative Office, Dalli-Rajhara Dist.: Balod, State Chhattisgarh Pin-491228 Phone: 9407980684 Appointment- 01.04.2019
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
30	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	सं/ लौह/ख्यो-1201/2018-रायपुर/73 dated 03.05.2019
31	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	Review of Mining Plan approved vide letter no. लौह/ख्यो-1201/2018-रायपुर/73 dated 03.05.2019 Proposal Period: 2019-20 to 20/08/2023
32	Mineral(s) granted in lease and approved for Mining	Iron Ore (Hematite)
33	Method of Mining (Opencast, Underground)	Opencast
34	Category (Fully Mechanized, Others or Manual)	Fully Mechanized "A"
35	Captive/Non-Captive	Captive
36	Present EC Status	Not Available
37	Status of Financial Assurance	Bank guarantee of RS 2,58,00,000 (Rupees Two crore fifty eight lakhs only) NO BG EXTN.NO. 1731317BG1000744 DT.- 2.4.2019 VALID UP TO 20.08.2023 Additional Bank guarantee as per rule submitted17200000.00

Scientific Mining: Compliance of proposals of approved Mining Plan/Review of Mining Plan:

1.0 Exploration:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
1a	Backlog of previous year Proposals	Nil	Nil	Mines is closed since Feb2017 due to want of EC.
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	---do----
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Nil	Nil	---do----
1d	Balance area to be explored to bring Geological axis in 1 or 2.	82.18- G1 17.82- G2		---do----
1e	Balance reserves as on 01.04.2022	1.24 MT & 1.4 MT GF (Generated fines)		---do----
1f	General remarks of Inspecting officer on geology, exploration etc.	Lease area is explored by drilling of total 120 nos. bore holes upto 100m depth. About 82.18 ha area covered under G1 level and 17.82 ha area covered under G2 level of exploration.		

2.0 Development:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
2a	Location of Development w.r.t. lease area	E 2100- 2900 N 7400- 7900	Nil	Mines is closed since Feb2017 due to want of EC.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Mixed benches in Ore & OB, Top soil not proposed.	Nil	---do----
2c	Stripping ratio or ore to OB ratio	1:3.53	Nil	---do----
2d	Quantity of topsoil generation in m ³	Top soil not proposed.	Nil	---do----
2e	Quantity of overburden generation in m ³	2021-22 - 522727cu.m	Nil	---do----
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	The Mine is Closed since 20.02.2017 due to want of EC.		

3.0 Exploitation:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
3a	Number of pits proposed for production	01	Nil	Mines is closed since Feb2017 due to want of EC.
3b	Quantity of ROM mineral production proposed	2021-22 - 325000T(insitu) &	Nil	---do----

		350000 T Generated fines		
3c	Recovery of Salable/usable mineral from ROM production	325000T(insitu) & 35000 T Generated fines	Nil	---do---
3d	Quantity of mineral reject generation	Not proposed.	Nil	---do---
3e	Grade of mineral reject generation and threshold value declared	Not proposed.	Nil	---do---
3f	Quantity of sub-grade mineral generation	Not proposed.	Nil	---do---
3g	Grade of sub-grade mineral generation	Not proposed.	Nil	---do---
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanised	No work done	---do---
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Nil	---do---
3j	Provision of drilling & blasting in mineral benches	Deep hole drilling & Blasting	Nil	---do---
3k	Provision of mining machineries in mineral benches	Shovel and dumper combination	Nil	---do---
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES (Bench height 5m)	No work done	---do---
3m	Total area covered under excavation /pits	63.57 ha during approved plan period	No work done	Total area covered under excavation /pits is 63.57 ha
3n	Ore to OB ratio for the pit/mine during the year	1:3.53	Nil	No work done
3o	Total area put in use under different heads at the end of year	85.86 ha during approved plan period.	No work done	Total area put in use under different heads is 85.86 ha.
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2021-22= 325000 T and 350000 T (GF)	Nil	Mines is closed since Feb2017 due to want of EC.
		2020-21= 325000 T and 350000 T (GF)	Nil	
		2019-20= 250000 T and 350000 T (GF)	Nil	
		2018-19= 128000T and 872000 T (GF)	Nil	
		2017-18= 500000 T and 500000 T (GF)	Nil	
3q	General remarks of inspecting officer on method of mining etc	Mines is closed since Feb2017 due to want of EC.		

4.0 Solid Waste Management-Dumping:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
------	------	---------------------	-----------------------	---------

4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Top soil & mineral reject not proposed. OB was proposed for backfill	Nil	Mines is closed since Feb2017 due to want of EC.
4b	Location of topsoil, OB & mineral reject dumps	Top soil & mineral reject not proposed. OB was proposed for backfill in eastern side & western side.	Nil	--do--
4c	Number of Dumps within lease area and outside lease area	02 backfill dump within lease area	Nil	02 backfill old dump exist within lease area
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Work not done	Mines is closed since Feb2017 due to want of EC.
4e	Number of Active & Alive dumps	OB was proposed for backfill.	Work not done	--do--
4f	Number of dead dumps	01	Nil	--do--
4g	Number of dumps established	01	Nil	--do--
4h	Whether Retaining wall or garland drain all along dumps are there	Retaining wall proposed.	Nil	--do--
4i	Length of Retaining wall or garland drain all along dump	600m Retaining wall	Nil	--do--
4j	Number of settling ponds	Not proposed.	Nil	--do--
4k	Specific commends of inspecting officer on waste dump management	Mines is closed since Feb2017 due to want of EC.		

5.0 Solid Waste Management-Backfilling:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	7.90 ha area proposed for backfilling	Nil	Mines is closed since Feb2017 due to want of EC.
5b	Area under backfilling of mined out area	7.90 ha area proposed for	Nil	--do--

		backfilling		
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Nil	--do--
5d	Total area fully reclaimed & rehabilitated	7.90 ha area proposed for backfilling	Nil	--do--
5e	General remarks of inspecting officer on backfilling, reclamation etc	Mines is closed since Feb2017 due to want of EC.		

6.0 Progressive Mine Closer Plan:

S. N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2)	Yes	Yet	Mines is closed since Feb2017 due to want of EC.
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	i) 10.0 ha ii) 10.0 ha iii) 25000 iv) 17500 v) Nil vi) Not specified	Nil	Mines is closed since Feb2017 due to want of EC
6c	Compliance on reclamation and rehabilitation by backfilling Voids available for backfilling (L*B*D) Void filled by waste/tailings Afforestation on the backfilling Rehabilitation by making water reservoir Any other specific means	7.9 ha backfill	Not backfill due to mine is temporary closed since 21.02.2017	Mines is closed since Feb2017 due to want of EC
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	Nil	Nil	Mines is closed since Feb2017 due to want of EC
6e	Compliance of Environment monitoring (core zone & buffer zone)	Quarterly monitoring	Quarterly monitoring	--do--
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mines is closed since Feb2017 due to want of EC		

7.0 Mineral Conservation:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Grade wise sorting	Nil	Mines is closed since Feb2017 due to want of EC
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Nil	--do--
7c	Different grade of mineral sort out at mine	+45% Fe	Nil	--do--
7d	Any beneficiation process at mines	Not proposed.		--do--
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mines is closed since Feb2017 due to want of EC		

8.0 Environment:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not proposed.	Nil	Mines is closed since Feb2017 due to want of EC
8b	Concurrent use or storage of topsoil	Not proposed	Nil	--do--
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	OB proposed for backfill	Nil	--do--
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	7.90 ha area proposed for backfilling	Nil	--do--
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	7.90 ha area proposed for backfilling	Nil	--do--
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	25000 nos. of plantation	Nil	--do--
8g	Survival rate		Nil	--do--
8h	Water sprinkling on roads to control airborne dust	Water sprinkling by tanker	Nil	--do--
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Mines is closed since Feb2017 due to want of EC.		

9.0 Compliance of Rule 45:

S N	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to April 2022		
		AR submitted up to 2021		
S N	Item	Details Given in A.R.	Observation of I/Officer	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer, Geologist furnished	Mining Engineer, Geologist employed	Mining Engineer, Geologist employed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern furnished	Land use pattern furnished	Mines is closed since Feb2017 due to want of EC.
9d	Scrutiny of Annual return on afforestation	Nil	Nil	--do--
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	--do--
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Nil	Nil	--do--
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil	Nil	--do--
9i	Scrutiny of Annual return on Fixed assets	Nil	Nil	--do--
9k	Scrutiny of Annual return on mining Machineries	Nil	Nil	--do--

10- Details of violations observed during last inspection and the compliance status.

No violation observed during inspection.

Date:29/06/2022

Signature:
Name: D. UPADHYAY
Designation: Sr. ACOM