

MCDR INSPECTION REPORT

Name of the Mine: Tiringpahar Iron Ore mine, of M/s OMC Ltd,
30ORI08098

Name of the Inspecting Officer : Shri Sanjay Kumar Mahapatra, ACOM

Name of the accompanying official: Sri Sri Jyotiranjana Mohapatra,, Mine Manager

Date of Inspection: 08.11.2023.

S. N.	Particulars	Details
1	Name of the Mine	TIRINGPAHAR IRON ORE MINES
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non Forest Land- 0.0 Forest Land- 79.3 Ha. Total- 79.30 Ha.
3	Minecode	30ORI08098
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4269/2011
5	Name of the lessee, Address, phone, email and fax number	M/s OMC Limited, OMC House, PO Box No-34, Bhubaneswar, 751001, Khorda.
6	Village	Dalpahad
7	Taluka/Mandal	Barbil
8	District	Keonjhar
9	Pincode	758034
10	State	Odisha
11	Post office	Khandabandh
12	Nearest police station	Bamebari
13	Nearest Railway station	Jaroli
14	Date of Grant of Mining Lease	26.06.1964
15	Date of Execution	24.08.1964
16	Date of opening of Mine	31.07.2020
17	Date of first Renewal, if applicable and its period & expiry	13.08.1993, 20 Years,
18	Date of second Renewal, if applicable and its period & expiry	23.07.2013, 20 Years
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sri Balawanta Singh, IAS, MD, Address- OMC House, PO Box No-34, Bhubaneswar, 751001, Khorda, Email- Info@odishamining.in ,
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri Abanikanta Pradhan, OMC Office, At/Po- Barbil, Ps- Barbil, Dist- Keonjhar, Odisha, 758035, Email- apradhan@odishamining.in , Mob-9437431943
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri Jyotiranjana Mohapatra, At/po- Khandabandh, Ps- Bamebari, Via- Joda, Dist- Keonjhar, Odisha,758034, Email- jyoti.mohapatra@odishamining.in , Mob-9437431943, DOJ-

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5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	NA	NA
5d	Total area fully reclaimed & rehabilitated	NA	NA
5e	General remarks of inspecting officer on backfilling, reclamation etc	Mining operation was commenced from 31.07.2020 thus this is a new mine with respect to the excavation is concerned . Hence no area is matured for back filling and there is no proposal or achievement..	

Progressive Mine Closure Plan

N.	Item	Proposals for, 2022-23	Actual work during 2022-23	Remark
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2).		Annual report on PMCP submitted along with Annual return.	
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) Area available for rehabilitation (ha)-NA ii) Afforestation done (ha)-0.25HA iii) No. of saplings planted during the year-625 iv) Cumulative no. of plants-NA v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	i) Area available for rehabilitation (ha)-NA ii) Afforestation done (ha)-0.25 iii) No. of saplings planted during the year-1000 iv) Cumulative no. of plants -3000	
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 iv) Rehabilitation by making water reservoir v) Any other specific means	NA	NA	
6d	Compliance of Rehabilitation	NA	NA	

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of waste land within lease

i) Afforestation

ii) Area rehabilitated (ha)

iii) Method of rehabilitation

6e Compliance of Environmental monitoring (core zone & buffer zone)

Yes
(Core & buffer
Zone)Yes
(Core & buffer
Zone)

6f General remarks of inspecting officer on PMCP compliance & progressive closure operations

Area is not matured for reclamation and rehabilitation. During inspection the Plantation as carried out by the lessee was found to be satisfactory. Environmental reports checked and found that all parameters within limit.

Mineral Conservation

S.N.	Item	Proposals for, 2022-23	Actual work during 2022-23	Remark
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yes, grade-wise sorting within lease area	Grade-wise sorting within lease area being practiced.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanized	Mechanized	
7c	Different grade of mineral sorted out at mines		Fines-60-62% Fe Fines-62-65 % Fe CLO-10x40mm-62-65%fe	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	It is observed that, at Tiringpahar iron ore mines only processed iron ore is being dispatched.		

Environment

S.N.	Item	Proposals for, 2022-23	Actual work during 2022-23	Remark
8a	Separate removal and utilization of topsoil (Rule 36)	8500 M ³	1000 M ³	Less production of Top soil than proposed. Violation of rule 11(1) of MVCDR 2017 pointed.
8b	Concurrent use or storage of topsoil	Use of Top soil- 4000-M ³ storage of topsoil- 4500M ³	Use - 1000M ³ storage of topsoil- NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	O.B- 390476 M ³ Waste ⁷ Rock-	O.B- 340605 M ³ Waste	

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NIL

Rock- NIL

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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		Survival rate is 70%
8h	Water sprinkling on roads to control airborne dust		It is being carried out by 1 no of Water Tanker.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The mine is ODF free and general aesthetic beauty has been maintained.	

Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to Sep 2023 A.R. Submitted up to 2022-23	AR submitted on 28.06.2023. MR for the month of Septembers 2023 submitted on 09.10.2023.
S.N	Item	Details given in A.R. for the year 2022-23	Observation of I/ Officer
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri Jagannath Patra, Manger Shri Pulak Ranjan Nayak, Mining Engg- Shri Rabindra Mohanty, Geologist	As per AR Shri Jagannath Patra was the Manager and on the date of inspection Sri Jyotiranjana Mohapatra Mines Manager was present as Shri Patra Superannuated from Service. Notice of termination and appointment has been submitted. Shri Pulak Ranjan Nayak, Mining Engg & Shri Rabindra Mohanty, Geologist were present on the day of inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Pit- 14 ha, Dump- 13.78, Plant5 building & infra, Road etc- 12.55 ha, Top Soil Stacking – 0.1 Ha	As per Annual Return.
9d	Scrutiny of Annual	1000 Saplings	Found to be in order. Survival rate

