MCDR INSPECTION REPORT

Date of Inspection: 07/11/2024

General

S. N.	Particulars	Details
1	Name of the Mine	Thakurani Iron Ore Mine
2	Total Lease Area (Ha) with breakup of Non-forest and	Total Lease area =228.744
	forest land	Hectares
		Forest Area= 228.744 Hectares,
		Non- Forest Area= Nil
3	Minecode	300RI08121
4	IBM Registration Number under rule 45 of MCDR,	IBM/23053/2020
	1988	
5	Name of the lessee, Address, phone, email and fax	M/s Arcelor Mittal India Pvt. Ltd
-	number	Thakurani Iron Ore Mines
		At- Dalki, Po- Thakurani,
		P.S- Barbil ,Dist- Keonjhar
		Odisha ,758035
		Email :-
		Sharanappa.Kambalii@amns.in
		Phone=9302036382
		Fax No-9437962975
6	Village	Dalki
7	Taluka/Mandal	Barbil
8	District	Keonjhar
9	Pincode	758035
10	State	Odisha
11	Post office	Thakurani
12	Nearest police station	Barbil
13	Nearest Railway station	Barbil
14	Date of Grant of Mining Lease	26.06.2020
15	Date of Execution	27.06.2020
16	Date of opening of Mine	01.07.2020
17	Date of first Renewal, if applicable and its period & expiry	NA
18	Date of second Renewal, if applicable and its period &	NA
19	expiry Date of submission of renewal application if Mining	NA
	Operations are continuing under deemed extension	
20	Name of the Nominated Owner with Address, phone,	Mr. Dillip Oommen
	email, fax number and date of appointment	M/s ArcelorMittal India Pvt.Ltd
	cinali, fax hamber and date of appointment	(Lessee)
		Office No 126,101-104
		GCP Business Centre
		Opposite Memnagar fire station
		Vijay Cross Road, Memnagar
		Ahmedabad, Gujarat
		Date of Appointment-
		27.06.2020
21	Name of the Mine Agent with Address, phone, email,	Sri Sharanappa Kambalii
-	fax number and date of appointment	Sri Promod Kumar Mishra
		Thakurani Iron Ore Mines

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		M/s Arcelor Mittal India Pvt.Ltd
		At- Dalki, Po- Thakurani,
		P.S- Barbil,Dist- Keonjhar
		Odisha ,758035
		Mobile No=9437962975
22	Name of the Mines Manager with Address, phone,	Sri Promod Kumar Mishra
	email, fax number and date of appointment in mines	Thakurani Iron Ore Mines
		M/s ArcelorMittal India Pvt.Ltd
		At- Dalki, Po- Thakurani,
		P.S- Barbil,Dist- Keonjhar
		Odisha ,758035
		Mobile No=9437962975
		Email id :-
		promod.mishra@arcelormittal.co
		m
		Date of Appointment:19.11.2021
23	Name of the Mining Engineer, Qualification and total	Sri Sujit Kumar Dash
	experience with Address, phone, email, fax number	B.E Mining Engineering with 14
	and date of appointment in mine	years of experience
		Thakurani Iron Ore Mines
		M/s ArcelorMittal India Pvt.Ltd
		At- Dalki, Po- Thakurani,
		P.S- Barbil, Dist- Keonjhar
		Odisha ,758035
		Mobile No=8260872481
		Date of Appointment:- 18.05.2020
24	Name of the Geologist, Qualification and total	Sri Sushanta Kumar Mahanta
	experience with Address, phone, email, fax number	M.Sc Geology with 12 years of
	and date of appointment in mine	experience
		Thakurani Iron Ore Mines
		M/s ArcelorMittal India Pvt.Ltd
		At- Dalki, Po- Thakurani,
		P.S- Barbil ,Dist- Keonjhar
		Odisha ,758035
		Mobile No=9090453527
		Date of Appointment:-01.03.2022
25	Whether Geologist and Mining Engineer appointed in	Yes,
	mines satisfy the rule 55& carrying out their duties as	Mining Engineer:
	per rule 56 & 57.	Sri Sujit Kumar Dash
	1	B.E Mining Engineering with 14
		years of experience
		Thakurani Iron Ore Mines
		M/s ArcelorMittal India Pvt.Ltd
		At- Dalki, Po- Thakurani,
		P.S- Barbil,Dist- Keonjhar
		Odisha ,758035
		Mobile No=8260872481
		Date of Appointment:-
		18.05.2020 <u>Geologist:</u>
		Sri Sushanta Kumar Mahanta
		M.Sc Geology with 12 years of

		experience
		-
		Thakurani Iron Ore Mines
		M/s ArcelorMittal India Pvt. Ltd
		At- Dalki, Po- Thakurani,
		P.S- Barbil ,Dist- Keonjhar
		Odisha ,758035
		Mobile No=9090453527
		Date of Appointment:-01.03.2022
26	Date of Approval of Mining Plan/Modified Mining	Mining Plan Approved Letter No
	Plan with five-year period and specific condition in	MP/A/25-ORI/BHU/2020-21 dated
	approval letter, if any.	19.11.2020 (Plan period 2020-21 to
		2024-25).
		Specification Condition- Nil
		Modification of Mining Plan letter
		No MCDR-MiFL0FE/7/2023-BBS-
		IBM_RO_BBS dated 17.08.2023.
27	Date of Approval of Scheme of Mining/Modified	NA
	Scheme of Mining with five-year period and specific	
	condition in approval letter, if any.	
28	Mineral(s) granted in lease and proved for mining	Iron Ore
29	Method of Mining(Opencast, Underground)	Opencast
30	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
31	Captive/Non Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

S.N.	Item	Proposals for,203-24	Actual work during 2023-24	Remark
1a	Backlog of previous year	16 no of boreholes	20 no of boreholes	
1b	Exploration over lease area for Geological axis 1 or 2.	16 no of boreholes	20 no of boreholes for g1 level of exploration.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	M/s. Mining Associate Pvt. Ltd.	M/s. Mining Associate Pvt. Ltd. 20 no of hole carried out and Rs. 269 lakhs	
1d	Balance area to be explored to bring Geological axis in 1 or 2	77.89	77.89 Ha area has been explored and converted to g1 level of exploration during the current FY year i.e. 2024-25 , prior	77.89 Ha area by 67 no boreholes during the

			to the mine inspection.	2024-25 , prior to the mine inspection and entire potential mineralized area within the lease area has been explored under G1 level of exploration.
1e	Balance reserves as per latest approved document		117.271 MillionTonne	Reserve as on 01.04.2024
1f	General remarks of inspecting officer on geology, exploration etc.	proposal of 16 nd Fy 2023-24. The lakhs for explorat M/s. Mining Asso explored 77.89 H current FY i.e. 20 entire potential m been explored un submitted AR o	arried out 20 no of b o of bore hole during e lessee has an expen- tion and exploration vo- ociate Pvt. Ltd. Further a area by 67 no bore 024-25, prior to the m ineralized area within nder G1 level of ex f 2023-24 about 117 available in the mine.	the reporting year aditure of Rs. 269 was carried out by c, the area has been holes during the ine inspection and the lease area has ploration. As per

Development

S.N.	Item	Proposals for,	Actual work	Remark
		2023-24	during2023-24	
2a	Location of development	Quarry-1:	Quarry-1:	
	w.r.t. lease area	22°7'12.8''N-	22°6'34''N-	
		22°6'43.4"N to	22°7'3.8'' N to	
		85°25'44.9"E-	85°26'13.5''E-	
		85°26'20.5"E	85°25'57.7''E	
		Quarry-2:	Quarry-2:	
		22°6'16.7''N-	22°6'16.7''N-	
		22°6'42.3"N to	22°6'42.3''N to	
		85°25'32.7''E-	85°25'32.7''Е –	
		85°26''12.1''E	85°26''12.1''E	
2b	Separate benches in topsoil,	Nil	Nil	
	overburden and mineral			
	(Rule 15)			
2c	Stripping ratio or ore to OB	1: 0.5m ³ /Ton	1:0.18m ³ /Ton	
	ratio			
2d	Quantity of topsoil	19800	5294	Due to
	generation in m3			unavailability of
	8			forest permission
				top development is
				not being done.
				Hence generation

				of top soil is less.
2e	Quantity of overburden generation in m3	2789911	979925	Due to unavailability of forest permission top development is not being done. Hence generation of waste is less than the proposal.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc	development wor the reporting yea targeted proposa obtaining of for reporting year. H	partially deviated to rk against the approv ar and the lessee cou- l during the reportin rest tree felling per- owever, a violation le has been issued vide regard.	the production and ved proposal during uld not achieve the g year due to non- mission during the tter under rule 11(1)

Exploitation

S.N.	Item	Proposals for,	Actual work	Remark
За	Number of pits proposed for production	2023-24 2	during2023-24 2	
3b	Quantity of ROM mineral production proposed	5500000 tons	5426295 tons	
Зс	Recovery of salable/usable mineral from ROM production	4599856 tons	4451860 tons	
3d	Quantity of mineral reject generation	900144 tons	974435 tons	
Зе	Grade of mineral reject generation and threshold value declared	Mineralrejectis45-55%Fe&thresholdvalueis45%ofFecontent.	Mineral reject is 45-55% Fe & threshold value is 45% of Fe content.	
3f	Quantity of sub-grade mineral generation	NA	NA	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	No such analysis or beneficiation study carried out for sub- grade mineral during the reporting year.	

Зј	Provision of drilling & blasting in mineral benches	Deep Holes drilling was proposed keeping depth 11m, spacing up to 3.5m, burden 3m & blasting was proposed and few rock breakers will be used for hard Ore breaking.	Nonel type detonator is used in the hole of depth 11m with spacing 3.5m and burden 3m for blasting to control noise and for better fragmentation. The rock breakers are being used for boulder breaking.	
3k	Provision of mining machineries in mineral benches	Deployment of mining machinery is proposed in mineral benches by Shovel Dumper Combination ROM will be excavated and loaded in the 50T/ 40T dumper by 4.1 m3, 3.1 m3 & 2.5 m3 excavators.	Deployment of mining machinery is proposed in mineral benches by Shovel Dumper Combination ROM will be excavated and loaded in the 50T/40T dumper by 4.1 m3, 3.1 m3 & 2.5 m3	
31	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, it is proposed to keep the bench height up to 10 mtr for both Ore & OB benches.	Height and width of benches were more or less in order as per the proposal of the approved document.	
3m 3n	Total area covered under excavation/pits Ore to OB ratio for the	99.60 Ha.	92.730 Ha.	
	pit/mine during the year	1: 0.5m ³ /Ton	1:0.18m ³ /Ton	

30	Total area put in use under different heads at the end of year	Area Excavated = 99.6 Waste dump = 26.76 Mineral Storage = 21.17 Infrastructure	AreaunderMining = 92.730Overburden/Waste dumping =14.530Mineral Storage =9.140
		(Occupied by plants buildings & roads) = 5.10 Other = 0.91	Infrastructure (Occupied by plants buildings & roads) = 4.130 Reclaimed = 3.700 Other = 0.91
Зр	Production of ROM mineral during last five-year period, as applicable	2020-21 - 550000MT 2021-22 - 550000MT	2020-21 - 4124810MT - 2021-22 - 5499765MT -
		2022-23 - 7999000MT 2023-24 - 5500000MT	2022-23 - 4764600MT 2023-24 - 5426295M.T
3q	General remarks of inspecting officer on method of	The lessee has p development work reporting year and proposal during the forest tree felling However, a violation	partially deviated the production and against the approved proposal during the the lessee could not achieve the targeted e reporting year due to non-obtaining of permission during the reporting year. on letter under rule 11(1) of MCDR 2017 de dated 28.11.2024 to the lessee in this

Solid Waste Management-Dumping

S.N.	Item	Proposals for,	Actual work	Remark
		2022-23	during2022-23	
4a	Separate dumping of topsoil, OB & mineral reject (Rule 33, 37)	Separate dumping of topsoil, OB & mineral reject has been proposed	As per the proposal, separate dumping of topsoil, OB & mineral reject has been carried out	
4b	Location of topsoil, OB & mineral reject dumps	Dump No5 22°07'06.20''N - 22°07'14.70''N 85°25'54.90''E - 85°26'03.80''E	Dump No-5 22°07'06.4''N- 22°07'10.50''N 85°25'55.1''E- 85°26'03.50''E Dump No-6	Due to unavailability of forest permission Dump-6 could not be constructed and additionally 2 no of temporary waste dumps were

		Dump No6 22°07'33.20''N	NIL	generated during the reporting year.
4c	Number of dumps within lease area and outside lease area	- 22°07'41.10''N 85°26'08.70''E - 85°26'30.80''E Mineral Reject 2446573- 2446841N 338946- 339133E Within lease 2023-24:	Mineral Reject 2446580- 2446760N 338953-339058E Within lease 2023-24:	Due to unavailability of forest permission
		OB Dump: 3nos Subgrade/MR stack: 1no	OB Dump:3nos Subgrade/ MRstack:1no Temporary waste dump-2 nos.	Dump-6 could not be constructed and additionally 2 no of temporary waste dumps were generated during the reporting year.
4d	Location of dumps w.r.t. ultimate pit limit	Dump No5 22°07'06.20''N - 22°07'14.70''N 85°25'54.90''E - 85°26'03.80''E Dump No6 22°07'33.20''N - 22°07'41.10''N 85°26'08.70''E - 85°26'30.80''E	Dump No-5 22°07'06.4''N- 22°07'10.50''N 85°25'55.1''E- 85°26'03.50''E Dump No-6 NIL	Due to unavailability of forest permission Dump-6 could not be constructed and additionally 2 no of temporary waste dumps were generated during the reporting year.
4e	Number of active & alive dumps	1	1	
4f	Number of dead dumps	2	2	
4g	Number of dumps stabilized	2	2	
4h	Whether Retaining wall or garland drain all along dumps are there	Yes, proposal for about 1462	Yes, only 264 of retaining wall and	Due to unavailability of

		mtr construction new Retaining wall and 1162 mtr garland during the reporting year FY 2023-24.	garland drains have been constructed during the reporting year at the bottom most of the dumping area of Dump-5.	forest permission Dump-6 could not be constructed. Hence proposal for retaining wall and garland drains could not be achieved during the reporting year.
4i	Length of Retaining wall or garland drain all along dump	Yes, proposal for about 1462 mtr construction new Retaining wall and 1162 mtr garland during the reporting year FY 2023-24.	Yes, only 264 of retaining wall and garland drains have been constructed during the reporting year at the bottom most of the dumping area of Dump-5.	Due to unavailability of forest permission Dump-6 could not be constructed. Hence proposal for retaining wall and garland drains could not be achieved during the reporting year.
4j	Number of settling ponds	01	01	At Dump no-5
4k	Specific comments of inspecting officer on waste dump management	development wo the reporting ye targeted proposa obtaining of for reporting year. 11(1) of MCD 28.11.2024 to unavailability of constructed. Her drains could no Only 264 of reta	OR 2017 has been the lessee in this forest permission Du the proposal for retaining t be achieved during aining wall and garlan ng the reporting year a	ved proposal during uld not achieve the g year due to non- mission during the on letter under rule issued vide dated a regard. Due to ump-6 could not be ing wall and garland the reporting year. and drains have been

Solid Waste Management-Backfilling

S.N.	Item	Proposals for,	Actual work	Remark
		2023-24	during2023-24	
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Proposal for backfilling of 370082 cum of	Backfilling of about 370082 cum of waste over 2.84 Ha. from 590 mRL to 620mRL of already exhausted	
		already	the lease area has	

		exhausted area (Pit-2) within the lease area.	been carried out.	
56	Area under backfilling of mined out area	Proposal for backfilling of 370082 cum of waste over 2.84 Ha. from 590 mRL to 620mRL of already exhausted area (Pit-2) within the lease area	Backfilling of about 370082 cum of waste over 2.84 Ha. from 590 mRL to 620mRL of already exhausted area (Pit-2) within the lease area has been carried out.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	development wo the reporting ye targeted proposa obtaining of for reporting year. H of MCDR 2017 the lessee in this out backfilling o	partially deviated t rk against the approv ar and the lessee cou l during the reporting rest tree felling per However, a violation le has been issued vide s regard. However, th f 370082 cum of was d area (Pit-2) within th	red proposal during ald not achieve the g year due to non- mission during the tter under rule 11(1) dated 28.11.2024 to e lessee has carried te over 2.84 Ha. of

Progressive Mine Closure Plan

S.N.	Item	Proposals for,	Actual work	Remark
		2023-24	during2023-24	
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2).	As per Rule 26(2) Annual PMCP report to be submitted before 1st day of July of Every Year.	submitted Annual PMCP report as	
6b	Management of worked/mined out benches i) Area available for	i. 2.84 Ha. & 370082 cum	i. 2.84 Ha. & 370082 cum	

			1	1
	rehabilitation (ha)			
	ii) Afforestation done (ha)	ii. Nil	ii. Nil	
	iii) No. of saplings planted	iii. Nil	iii. Nil	
	during the year iv) Cumulative no. of plants	iv. Nil	iv. Nil	
	v) Any other specific method of	v. Nil	v. Nil	
	rehabilitation vi) Cost incurred on watch & care during the year	vi. Nil	vi. Nil	
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	i. Nil. ii. Nil iii. Nil iv. Nil	i. Nil ii. Nil iii. Nil iv. Nil	
	iv) Rehabilitation by making water reservoir	v. Nil	v. Nil	
	v) Any other specific means			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	 i) 2000 nos of saplings ii) Area: 1.25 Ha. iii) Plantation with 70 % survival 	 i) 4500 nos of saplings during reporting year and cumulatively 29750 saplings ii) Area: 2.15 Ha. iii) Plantation with 75 % survival 	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	AmbientAirQuality,WaterQuality,SoilQuality,WaterLevel Monitoringhasbeenproposed both incorezonebuffer zone.NoiseLevelStudy,Groundvibration,FugitivedustMonitoringhasbeenproposed incore zone	Environmental monitoring in Core zone and buffer zone were carried out as per MOEFCC and SPCB guidelines during the reporting year FY 2023-24.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	The lessee has p development work the reporting year	artially deviated th against the approve and the lessee cou	ed proposal during ld not achieve the
		targeted proposal	during the reporting	year due to non-

	obtaining of forest tree felling permission during the reporting year. However, a violation letter under rule 11(1) of MCDR 2017 has been issued vide dated 28.11.2024 to the lessee in this regard. The lessee has carried out backfilling of 370082 cum of waste over 2.84 Ha. of already exhausted area (Pit-2) within the lease area. The lessee has carried out afforestation and environmental monitoring as per the proposal during the reporting year. The lessee has carried out plantation of 4500 nos of saplings over 2.15 Ha. <i>@</i> 75% of survival rate during the reporting year FY 2023-24 and cumulatively 29750 saplings planted till the reporting year. PMCP proposals carried out by the lessee are more or less in order w.r.o. the proposals.
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S.N.	Item	Proposals for, 2023-24	Actual work during2023-24	Remark
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting for +55% Fe and 45 to 55% Fe has been proposed.	Grade-wise sorting for +55% Fe and 45 to 55% Fe has been carried out as per the proposal	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	
7с	Different grade of mineral sorted out at mines	Grade-wise sorting for +55% Fe and 45 to 55% Fe has been proposed.	Grade-wise sorting for +55% Fe and 45 to 55% Fe has been carried out as per the proposal	
7d	Any beneficiation process at mines	Dry beneficiation by using crusher and screen plant	Ore processing by Crushing & screening plants. 5 nos of Screen plant & 1 Crushing unit are in working condition during the reporting year.	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	stocks are being process was propos being carried out	% Fe, Mineral Reject: practiced. Further sed. Only crushing a during the reporting crushing unit are in v year.	no beneficiation and screening are g year. 5 nos of

Mineral Conservation

Environment

S.N.	Item	Proposals for, 2023-24	Actual work during2023-24	Remark
8a	Separate removal and utilization of topsoil (Rule 36)	There is a proposal of generation of 19800 cum of topsoil during the FY 2023-24.	Only 5294 cum of top soil has been generated during the reporting year FY 2023-24.	Due to unavailability of forest permission top development is not being done. Hence generation of top soil is less.
8b	Concurrent use or storage of topsoil	There is a proposal of generation of 19800 cum of topsoil during the FY 2023-24. Concurrent use or storage of topsoil has been proposed.	Only 5294 cum of top soil has been generated during the reporting year FY 2023-24. Concurrent use and storage of topsoil has been carried out.	Due to unavailability of forest permission top development is not being done. Hence generation of top soil is less.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Separate dumps for overburden, waste rock, rejects and fines has been proposed	Separate dumps for overburden, waste rock, rejects and fines has been carried out .	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	During course of mining generated overburden /waste, etc. rock will be backfilled over exhausted pits over 2.84 Ha. area with 370082 cum of waste was proposed.	During the reporting year, generated overburden /waste, etc. rock has been backfilled over2.84 Ha. area with 370082 cum of waste in exhausted pits during the reporting year.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	During course of mining generated overburden /waste, etc. rock will be backfilled over exhausted pits over 2.84 Ha. area with 370082 cum	During the reporting year, generated overburden /waste, etc. rock has been backfilled over2.84 Ha. area with 370082 cum	

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		of waste was proposed.	of waste in exhausted pits during the reporting year.	
8f	Baseline information on existence of plantation & additional Plantation done	About 2000 nos of saplings over 1.25 Ha. area were proposed to be planted @ with 70% survival rate.	About 14500 no of saplings over 2.15 Ha. with a survival rate of 75% & cumulatively 29750 sapplings were planted within the lease area during FY 2023-24.	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling by water tanker over haul roads has been carried out during the reporting year.	Water sprinkling by water tanker and mobile water sprinklers over haul roads has been carried out by using water tankers and fixed water sprinkler system during the reporting year.	
81	General remarks of inspecting officer on aesthetic beauty in and around mines area	development work the reporting year targeted proposal d obtaining of forest reporting year. He 11(1) of MCDR 28.11.2024 to the carried out backfilli Ha. of already exhat The lessee has carri monitoring as per t The lessee has car saplings over 2.15 I reporting year FY saplings planted till carried out by the I the proposals. Wate system, water tank haul roads to contr	artially deviated the productio against the approved proposal and the lessee could not achie uring the reporting year due to tree felling permission durin owever, a violation letter unde 2017 has been issued vide lessee in this regard. The less ng of 370082 cum of waste ove usted area (Pit-2) within the leas ed out afforestation and environ the proposal during the reporting tried out plantation of 4500 m Ha. @ 75% of survival rate during 2023-24 and cumulatively the reporting year. PMCP pro- essee are more or less in order er sprinkling by fixed water sprinklers of the airborne dust and to min- emission. This sustains the aes	during ve the o non- ng the er rule dated ee has er 2.84 e area. mental g year. nos of ng the 29750 posals w.r.o. rinkler s over himize

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Compliance of Rule 45

S.N.	Item	Comr	nents	Remarks
9a	Status of submission of Monthly	M.R. Submitted up-to	o: Septembert 2024	
	and Annual returns	A.R. Submitted up-to	-	
		Monthly returns and		
		the reporting year h within the stipulated		
S.N.	Item	Details given in A.R. for the year 2023-24	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for	1. Sri Promod	1. Sri Promod	
	information on Mining	Kumar Mishra -		
	Engineer, Geologist and	Mines Manager	Mines Manager	
	Manager	2. Sri Sujit Kumar	2. Sri Sujit	
		Dash – Mining	Kumar Dash –	
		Engineer	Mining Engineer	
		3. Sri Sushanta	3. Sri Sushanta	
		Kumar Mahanta -	Kumar Mahanta -	
		Geologist. Both	Geologist. Both	
		Mining Engineer	Mining Engineer	
		& Geologist were	& Geologist were	
		present during the	present during the	
9c	Scrutiny of Annual return on	inspection. Area under	inspection. Area under	
50	land use pattern for area under	Mining: 92.730	Mining: 92.730	
	pits, reclaimed area, dumps etc.	Overburden/	Overburden/	
		Waste dumping:	Waste dumping:	
		14.530	14.530	
		Mineral Storage:	Mineral Storage:	
		9.140	9.140	
		Infrastructure	Infrastructure	
		(Occupied by	(Occupied by	
		plants buildings &	plants buildings	
		roads: 4.130	& roads: 4.130	
		Reclaimed : 3.700	Reclaimed : 3.700	
9d	Scrutiny of Annual return on	About 14500 no of		
	afforestation	saplings over 2.15	saplings over 2.15	
		Ha. with a survival	Ha. with a survival	
		rate of 75% &	rate of 75% &	
		cumulatively	cumulatively	
		29750 sapplings	29750 sapplings	
		were planted within	were planted	
		the lease area	within the lease	
		during FY 2023-	area during FY	
		24.	2023-24.	

9e	Scrutiny of Annual return on			
56	mineral reject generation (Grade	974435.000 tons of	547527.510 tons	
	& quantity)	mineral reject of	of mineral reject	
	& quantity)	+45 to 55% Fe	of +45 to 55 % Fe	
		were generated	were generated	
		during FY 2023-	during FY 2023-	
		24.	24.	
9f	Scrutiny of Annual return on	Iron Ore:	Iron Ore:	
	ROM stock and/or graded ore	Opening Stock:	Opening Stock:	
		682379.350 tons	682379.350 tons	
		Production:	Production:	
		5426295.000 tons	5426295.000 tons	
		Closing Stock :	Closing Stock :	
		1495971.490	1495971.490	
9g	Scrutiny of Annual return on	Cost of production	Cost of production	
	sale value, Ex. Mine price &	Rs. 6012.10/-	Rs. 6012.10/-	
	production cost	furnished in	furnished in	
		submitted Annul	submitted Annul	
		Return for FY	Return for FY	
		2023-24.	2023-24.	
9i	Scrutiny of Annual return on	Fixed Asset:	Fixed Asset:	
	fixed assets	Rs.1387370107/-,	Rs.1387370107/-,	
		furnished in the	furnished in the	
		annual return of the	annual return of	
01		reporting year.	the reporting year.	
9k	Scrutiny of Annual return on	SHOVEL	SHOVEL	
	mining machineries	(HYDRAULIC)	(HYDRAULIC)	
		4.500 CUM 1 Non	4.500 CUM 1 Non	
		Electrical Opencast	Electrical	
		SHOVEL	Opencast	
		(HYDRAULIC)	SHOVEL	
		3.100 CUM 4 Non	(HYDRAULIC)	
		Electrical Opencast	3.100 CUM 4 Non	
		SHOVEL	Electrical	
		(HYDRAULIC)	Opencast	
		2.100 CUM 6 Non	SHOVEL	
		Electrical Opencast	(HYDRAULIC)	
		SHOVEL	2.100 CUM 6 Non	
		(HYDRAULIC)	Electrical	
		0.650 CUM 3 Non	Opencast	
		Electrical Opencast	SHOVEL	
		SHOVEL	(HYDRAULIC)	
		(HYDRAULIC)	0.650 CUM 3 Non	
		1.600 CUM 2 Non	Electrical	
		Electrical Opencast	Opencast	
		SHOVEL	SHOVEL	
		(HYDRAULIC)	(HYDRAULIC)	
		2.600 CUM 1 Non	1.600 CUM 2 Non	
		Electrical Opencast	Electrical	
		SHOVEL	Opencast	
		(HYDRAULIC)	SHOVEL	

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	AIR	TANKER	
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	0.580 CUM/MN 2	1 Non Electrical	

	Electrical Opencast	Opencast	
	TIPPER 20.300	WATER	
	CUM 6 Non	TANKER	
	Electrical Opencast	8000.000 LITRE 4	
	TIPPER 19.500	Non Electrical	
	CUM 4 Non	Opencast	
	Electrical Opencast	WATER	
	TIPPER 18.700	TANKER	
	CUM 21 Non	4000.000 LITRE 1	
	Electrical Opencast	Non Electrical	
	GENERATOR	Opencast	
	(DIESEL) 66.000	CRANE 23.000	
	KWH 1 Electrical	TONNE 1 Non	
	Opencast	Electrical	
	GENERATOR	Opencast	
	(DIESEL) 100.000	AIR	
	KWH 1 Electrical	COMPRESSOR	
	Opencast	0.580 CUM/MN 2	
	GENERATOR	Electrical	
	(DIESEL) 400.000	Opencast	
	KWH 2 Electrical	TIPPER 20.300	
	Opencast	CUM 6 Non	
	GENERATOR	Electrical	
	(DIESEL) 880.000	Opencast	
	KWH 1 Electrical	TIPPER 19.500	
	Opencast	CUM 4 Non	
	CRUSHER	Electrical	
	300.000 T/H 1		
	Electrical Opencast	TIPPER 18.700	
	FRONT END	CUM 21 Non	
	LOADER 4.200	Electrical	
	CUM 2 Non	Opencast	
	Electrical Opencast	GENERATOR	
	OTHERS (ELEC.)	(DIESEL) 66.000	
	300.000 4	KWH 1 Electrical	
	Electrical Opencast	Opencast	
	OTHERS (NON-	GENERATOR	
	ELEC.) 300.000 1	(DIESEL) 100.000	
	Non Electrical	KWH 1 Electrical	
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	- F	GENERATOR	
		(DIESEL) 400.000	
		KWH 2 Electrical	
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		(DIESEL) 880.000	
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