

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

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/YTL/LST- 43 /NGP

Mine code : 38MSH26013

- (i) Name of the Inspecting : **K02**) **Kalmata.M.K.**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine : Shri Suresh Madhukumar Wandhare, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 08/02/2021
- (v) Prev.inspection date : 19/03/2020

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GOVARI**
- (b) **Registration NO.** : **IBM/256/2011**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **MAHARASHTRA**
- District : **YEOTMAL**
- Village : **GOVARI**
- Taluka : **WANI**
- Post office : **SINDOLA MINES 445 307**
- Pin Code : **445307**
- FAX No. : **07239 - 236272**
- E-mail : **sindola_cd@accement.com**
- Phone : **07239 - 236272**
- (f) **Police Station** :
- (g) **First opening date** : **28/01/1988**
- (h) **Weekly day of rest** : **WED**
2. **Address for** : **P.O. CEMENT NAGAR**
correspondance **DISTT. - CHANDRAPUR**
442 502
3. (a) **Lease Number** : **MSH0017**
- (b) **Lease area** : **558.9**
- (c) **Period of lease** : **50**
- (d) **Date of Expiry** : **31/03/2030**
4. **Mineral worked** : **LIMESTONE** **Main**

5. Name and Address of the

Lessee : M/S CHANDA CEMENT WORKS (ACC)
 CEMENT NAGAR, DISTT.
 CHANDRAPUR (MS) - 442 502
 CHANDRAPUR MAHARASHTRA
 Phone:07172 - 75026
 FAX :07172 - 75165

Owner : Neeraj Akhouri
 MD & CEO , ACC Ltd ACC Ltd,
 Cement House 121,MK Road
 Mumbai MUMBAI (SUBURBAN)
 MAHARASHTRA
 Phone: 02233024321
 FAX : 02266317407

Agent : K. Vamsidhar Reddy
 Director Plant, Chanda
 Cement Works CHANDRAPUR
 MAHARASHTRA
 Phone: 07172285026
 FAX : 07172285165

Mining Engineer

Name : SHRI M.K. MEHTA,Full Time
 Qualification : B.E. MINING
 Appointment/ : 16/08/2002
 Termination date

Mining Engineer

Name : Kanchan Kumar,Full Time
 Qualification : B.E.Mining
 Appointment/ : 22/11/2003
 Termination date

Geologist

Name : Gopinath Rengasamy,Full Time
 Qualification : Msc. Geology
 Appointment/ : 15/10/2002
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	03/10/2001
		Modif.approved Mining Scheme	02/12/2003
		Modif.approved Mining Scheme	21/10/2005
		Modif.of approved Mining Plan	21/10/2005
		FMCP under 23C(1)	29/10/2005
		Mining Scheme rule 12 MCDR1988	15/12/2005
		Modif.approved Mining Scheme	06/03/2009
		Mining Scheme rule 12 MCDR1988	11/11/2011
		MP modif under MCR 1960	19/08/2016
		MP review under 17(1) MCR 2016	17/12/2020

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration has been proposed, in the present plan period.	No exploration has been carried out, in the present plan period.	Lessee has already explored, entire mineralized area under G-1 level of exploration.
1b	Exploration over lease area for geological axis 1 or 2	Not proposed.	Nil	Total lease area is 558.90 Ha, out of which 167 Ha is mineralized zone. and entire mineralized area is explored under G-1 level, approximately in 100M x 100M, grid interval.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed.	Nil in the present Plan period.	No exploration was carried out, in the present plan period. However in previous plan periods,, lessee has explored entire mineralised area under G-1 level, by drilling 322 bore holes and expenditure incurred on exploration already carried out is approximately Two crores.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil.	Nil	Entire mineralized area is explored, under G-1 level.

1e	Balance reserve as on 01/04/20	Reserves/resources (As on Nov-2015) as per approved document. Proved Mineral Reserves (111) - 32.89 MillionTonnes , Feasibility M Resources (211) - 14.96 Million Tonnes, Total (Reserves+Resources) -47.85 Million Tonnes.	Reserves/resources, as on 01.04.2020. Proved Mineral Reserves (111) - 21.66 Million Tonnes, Feasibility M Resources (211) - 14.96 Million Tonnes, Total (Reserves+Resources) - 36.62 Million Tonnes	Depleted 11.23 Million tonnes of ROM produced, between 2015-16(Nov 2015 to March 2016) to 2019-20.
1f	General remarks of inspecting officers on geology, exploration etc		Limestone deposit of Govari area belongs to Penganga series, which is equivalent to Cuddapah system. Total four ore bands are present in the lease area and each band is separated by shale formation. Total mineralised area is 167 Ha and entire mineralised area is explored under G-1 level by drilling 322 boreholes.	

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	In the year 2019-20, development was proposed between the sections, ML 8 ML 13 & ML 12 to ML 14 & Production was proposed between the sections, ML 09 to ML 13, ML 8 to ML 13, ML 07 to ML 13 & ML 12 to ML 14.	The development and production is carried out as per the proposal. development between sections, ML 8 ML 13 & ML 12 to ML 14 & production between the sections, ML 09 to ML 13, ML 8 to ML 13, ML 07 to ML 13 & ML 12 to ML 14.	Lessee has worked in four limestone bands, LSt I to Lst-IV to maintain the quality of ore as per the requirement of cement plant and for conservation of mineral.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes proposed.	Separate benches were made in ore and OB. Total six benches were made, two in OB and four in Ore.	Height of the bench was kept 6 to 8 mtr, in Ore & OB and width of the bench was maintained 15 to 20 mtr, both in Ore and OB. Topsoil is removed completely by scrapping using Dozers and no benches were made in the topsoil.
2c	Stripping ratio or ore to OB ratio	1:1.07	1:0.83	
2d	Quantity of topsoil generation in m3	38,433 in the year 2019-20.	29,562 in the year 2019-20.	
2e	Quantity of overburden generation in m3	11,62,236 in the year 2019-20.	11,37,101 in the year 2019-20.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Development has been carried out has per the proposals. Working has been carried out at different locations having different gardes to maintain the quality. Lessee is dispatching ROM by blending low grade ore with hight grade as per the requirement of the plant.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One, in the present plan period, lateral and depthwise extension of the existing pit is proposed.	Working has been carried out as per the proposal.	Single pit measuring, 1235m (Length) x 830m(width) x 40m (d) is existing within the lease area. Total area covered by existing pit is 102.50Ha.
3b	Quantity of ROM mineral production proposed	27,81,270 tonnes, in the year 2019-20.	27,31,916 tonnes, in the year 2019-20.	Production achieved, is 98.22 %, in the year 2019-20.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	Lessee is using entire ROM, by blending high grade ore with low grade, as per the plant requirement.
3d	Quantity of mineral reject generation	Not proposed.	Nil.	Lessee is using entire ROM, by blending high grade ore with low grade, as per the plant requirement.
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable.	Not applicable.	
3f	Quantity of sub grade mineral generation.	Not proposed.	Nil.	Lessee is using entire ROM, by blending high grade ore with low grade, as per the plant requirement.
3g	Grade of sub grade mineral generation	Not applicable.	Not applicable.	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised crushing.	Feeding ROM to crusher and crushing to the size of minus 75 mm size.	Lessee is doing only mechanical size reduction.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	Nil.	

3j	Provision of drilling and blasting in mineral benches	Yes, ROC-L8 drill of 115mm is proposed for drilling and ANFO, kelvex 600-extra, power gel boost is proposed for explosive.	Drilling and blasting is being carried out as per the proposal.	Lessee is using, two ROC-L8 drill of 115mm drilling machines, for drilling. Maintaining drill pattern, 5 to 6 m (spacing) x 3m(burden) and depth 8.5mtr. Further, using rock breakers for breaking oversized boulders.
3k	Provision of mining machineries in mineral benches	Yes, proposed excavators of different capacity ranging, from 4.0 CUM to 7.2 CUM, Dumpers of 60T capacity, Drilling machines and rock breaker.	One excavator having 7.2 CUM and One excavators of 4.0CUM, Dumpers of 60T capacity, Drilling machine and water tanker are working on the day of inspection.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 to 10 mtr bench height is proposed.	Bench height is maintained as per the proposal.	Bench height has been proposed as per the mechanization adopted for mining and is suitable for method of working.
3m	Total area covered under excavation/pits	116.45 Ha, pit size is proposed at the end of present plan period up to 31.03.2021.	Total area covered under pit as on 01.04.2020 is 102.5Ha. Additionally topsoil is removed from the 13.00ha (approximately) area which is existing adjacent to working pit for extension of the pit.	Presently working is going on in the broken up area only.
3n	Ore to OB ratio for the pit/mine during the year.	1:1.07 ,in the year 2019-20.	1:0.83, in the year 2019-20.	

3o	Total area put in use under different heads at the end of year	Area under mining- 116.45Ha, Dumps-41.00 Ha, Infrastructure - 3.76Ha, Other Purpose (Garland drain, green belt, top soil stock)- 19.07	Area under Mining- 115.50Ha, Area under waste dumps-41.00Ha, Infrastructure -3.76Ha, Others(Garland drain, green belt, topsoil stock)-9.95Ha.	Area under mining includes area covered under existing pit 102.5ha and additional area of about 13.00 ha, which is existing adjacent to working pit from which topsoil is removed and kept ready for extension of the working pit.
3p	Production of ROM mineral during the last five year period as applicable	2019-20 27,81,270 tonnes 2018-19 27,84,460 tonnes 2017-18 27,86,195 tonnes 2016-17 27,77,780 tonnes 2015-16 25,14,300 tonnes	2019-20 27,31,916 tonnes 2018-19 27,05,567 tonnes 2017-18 26,88,727 tonnes 2016-17 24,38,071 tonnes 2015-16 20,54,077 tonnes	In the year 2020-21 (up to Dec-2020) , 15,30,401 tonnes of limestone is produced against the proposal of 27,87,680 tonnes.
3q	General remarks of inspecting officers on method of mining etc.		The mine is being worked by mechanised opencast method and using combination of Heavy Earth Moving Machineries and 60T dumpers for development and production. Proper height and width is maintained in bench formation. Only one pit existing in the lease area covering an area of 102.5Ha. Working is being carried out at different locations in the same pit to maintain the quality as per the requirement of the plant.	

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)	Yes, separate dumping was proposed for topsoil and OB.	Topsoil and OB dumping was made as per the proposal.	Mineral reject generation and dumping was not proposed in the present plan period.
4b	Location of topsoil, OB and mineral reject dumps	In the year 2019-20, top soil dump was proposed between sections, ML 21 to ML 24 & waste dumping between ML 08 to ML 13, ML 07 to ML 13 & ML 12 to ML 14.	Topsoil dumping was made between Section ML 21 to 23 & waste duming betwween section ML 11 to ML 13.	Total 22,74,203 tonnes of OB was removed in the year 2019-20, out of which only 88903 tonnes is dumped in the external dump and remaining 21,85,300 tonnes utilized for backfilling of the worked out pit.
4c	Number of dumps within lease area and outside of lease area	Four waste dump and one topsoil dump was proposed in the present plan period and all are within the lease area.	Four OB dumps and one Topsoil dump is existing within the lease area.	Locations of the dumps are as follows. Dump No-1, between ML-8 to 13, Dump no-2, between ML 09 to 17, Dump No-03 between ML 22 to ML 25 (Eastern side) & Dump No-04, between ML 21 to ML 26 (western side) and topsoil dump is existing between ML 21 to 23. Further Dump 01 and 2 are almost jointed and appears like single dump.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Out side the UPL.	All the dumps are located out side the Ultimate pit limit.	
4e	Number of active and alive dumps.	Four,three waste dumps and one topsoil dump.	Four dumps are active as per the proposal.	
4f	Number of dead dumps.	One waste dump is dead.	one dump which is located between the section ML 22 to Ml 25 is dead and afforested.	
4g	Number of dumps established.	One.	One waste dump which is located between the section ML 22 to ML 25 is stablized by afforestation.	

4h	Whether Retaining wall or garland drain all along dumps are there.	In the present plan period only garland drains are proposed along the toe of the dump.	Garland drains are made as per the proposal. Additionally constructed one retaining wall at the toe of waste dump existing Between Section ML 10 to ML 13.	
4i	Length of Retaining wall or garland drain all along dumps	Garland drains were proposed at the toe of all the four dumps.	Garland drains were made all along the toe of existing waste dumps, covering total length of around 3000 mtrs and a retaining wall measuring 300m length is made at the bottom of the waste dump existing between section ML 10 to ML 13.	Lessee is regularly maintaining garland drains.
4j	Number of settling ponds	Not proposed.	Nil.	
4k	Specific comments of inspecting officer on waste dump management		Waste dumping was made as per the proposal. Total five dumps are existing within the lease area. Four waste dumps and one topsoil dump. Out of four waste dump, one is inactive and afforested. All the dumps are made in the non-mineralized zone and out of Ultimate Pit Limit. Garland drains are made along the toe of the dumps to avoid wash off. Lessee has made one retaining wall at the toe of the waste dump existing between section ML 10 to ML 13 in the year 2019-20.	

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Backfilling is proposed in the mined out area from which mineral is fully extracted.	As per the proposal mineral was fully extracted from the mined out area, which is backfilled in the year 2019-20.	

5b	Area under backfilling of mined out area	2.9Ha in the year 2019-20.	2.9 has was backfilled in the year 2019-20.	In the year 2019-20 backfilling was made between the sections ML 13 to ML 14. Total area backfilled so far is 9.5 Ha.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Both concurrent use and storage was proposed.	29,562 CUM topsoil was removed in the year 2019-20 and entire quantity is utilized for plantation work.	A small quantity of about 1350CUM topsoil is available in the dump.
5d	Total area fully reclaimed and rehabilitated	2.9 Ha in the year 2019-20.	2.9 Ha is reclaimed in the year 2019-20, by backfilling.	Total area reclaimed by backfilling is 9.5ha. The backfilling is under progress and plantation on backfilled area will be taken after completion of the backfilling. Further, about 3.5ha of inactive dump and 5.2ha of waste land is rehabilitated by afforestation.
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Total area backfilled is 9.5Ha up to 2019-20. Since backfilling is under progress no plantation is made on the backfilled area. About 3.5 ha inactive dump and about 5.2ha of waste land is rehabilitated by afforestation.	

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).	Before 1st July of every year.	Lessee has submitted yearly report on PMCP for the year 2019-20.	Submitted report on 02.07.2020. Lessee has advised to submit the report within the time limit as prescribed under Rule 26(2) of MCDR 2017.

6b	Area available for rehabilitation (ha) .	11.9 Ha area is proposed for backfilling in the present plan period i.e from 2016-17 to 2020-21.	Total area backfilled is 9.5 ha, upto 2019-20.	Since the backfilling is under progress no plantation is made on the backfilled area in the present plan period.
6c	afforestation done (ha).	1.5Ha in the year 2019-20.	1.2Ha in the year 2019-20.	Total area afforested in the present plan period is 4.7 ha. Total area covered so far is approximately 30.00 Ha.
6d	No. of saplings planted during the year	2310 in the year 2019-20	3000 saplings were planted in the year 2019-20.	Total plantation made in the present plan period (2016-17 to 2019-20) is 31000. Total plantation made so far is around 1,08,000 as per the PMCP report submitted to this office for the year 2019-20.
6e	Cumulative no .of plants	9240 in the presnt plan period from 2016-17 to 2019-20.	Total plantation mad in the present plan period i.e. from 2016-17 to 2019-20 is 31000.	Lessee has made the plantation more than the proposal.
6f	Any other method of rehabilitation	Backfilling and plantation on waste dump is proposed in the present plan period.	Backfilling and plantation on waste dump is carried out as per the proposal.	About 9.5 ha is back filled in the present plan period upto 2019-20.
6g	Cost incurred on watch and care during the year	7 lakh in the present plan period.	As per the proposal. Expenditure incurred on maintenance of Garland drain and plantation.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	2.9 ha was proposed for backfilling in the year 2019-20.	2.9 ha is back filled in the yea 2019-20.	Total area backfilled so far is 9.5Ha and dimension is 730m(L) x 132 m(w)

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	2.9 ha was proposed for backfilling with Quantity of 8,74,146 Cum waste rock in the year 2019-20.	2.9Ha area is backfilled with 10,92,650 CUM of waste rock, in the year 2019-20.	Total area backfilled so far is 9.5 Ha with 28,37,946CUM waste rock.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Not proposed in the present plan period.	Nil	Backfilling is unde progress, so no plantation was proposed and made in the present plan period on the backfilled area.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed.	Nil.	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not proposed.	Nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Proposed plantation in the waste land to develop green belt.	Plantation was made in the waste land.	About 30 ha of waste land is covered by plantation. Total plantation made so far is around 1,08,000.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No specific proposal was made.	Plantation was made in the waste land covering 30.00Ha.	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	By afforestation.	Plantation is made as per the proposal.	Total 30 ha of waste land is afforested with 1,08,000 saplings.

6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed, regular monitoring of Air, Water, Noise and Vibration in the core and buffer zone.	Water-4 locations, Air-5 locations, Ground Vibration-2 locations and Noise-7 locations. Apart from this, ground vibration and noise are being analysed during each blasting.	Lessee is regularly monitoring, Air, Water and Noise and results are within permissible limits.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Lessee has backfilled about 9.5 ha so far and backfilling is still under progress, so no plantation was made on the backfilled area. About 30 ha of waste land is afforested by planting 1,08,000 saplings so far. Lessee has maintained the garland drains properly. One retaining wall of 300 mtr length is constructed along the toe of the waste dump to avoid wash off. Lessee is regularly monitoring Air, Water and Noise in the core and buffer zone and results are within permissible limits.	

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting with in the lease area.	As per the proposal.	Lessee is doing grade wise sorting within the lease area and dispatching same to crushing plant which is existing out side the lease area.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical.	Mechanical.	
7c	Different grade of mineral sorted out at mines.	Cement grade	Cement grade	

7d	Any beneficiation process at mines .	Not proposed.	Nil.	Lessee is doing only mechanical size reduction. The ROM limestone is crushed to a size of minus 75mm.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		The mine is captive to M/s chanda Cements works, and lessee is simultaneously working at different locations in the same pit to maintain the quality as per the requirement of the plant. The only beneficiation done is mechanical size reduction. The ROM limestone is crushed to a size of minus 75mm. Approximate quantity of fines generated during crushing is 5% and entire crushed material along with fines is transported to the cement plant.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes, proposed.	Topsoil is removed separately and utilized for plantation.	Total 29,562 CUM of topsoil is removed in the year 2019-20 and entire quantity is utilized for plantation work.
8b	Concurrent use or storage of topsoil	Both concurrent use and storage is proposed.	Total 29,562 CUM topsoil is removed in the year 2019-20, and entire quantity is utilized for plantation work.	About 1350 Cum of topsoil is existing in the dump.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes, separate dumping is proposed for waste rock and ore.	As per the proposal.	No mineral reject is proposed in the present plan period. The mine is captive to M/s Chanda Cements works and lessee is consuming all the ROM production by suitable blending.

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes, proposed for backfilling of mined out area.	2.9 Ha area is backfilled with 10,92,650 CUM of waste rock, in the year 2019-20.	Total area backfilled so far is 9.5 Ha with 28,37,946CUM waste rock.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed backfilling of the mined out area.	Backfilling is carried out as per the proposal. Total 9.5 ha is backfilled so far.	No plantation was proposed on the backfilled area in the present plan period. Plantation will be taken in the next plan period after completion of backfilling.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Yes. The information has been furnished in the mining plan document.	In the present plan period (2016-17 to 2018-19) total 31,000 saplings were planted within the lease area.	Total plantation made so far is 1,08,000.
8g	Survival rate	Not proposed.	60 to 70%	Lessee is monitoring the plantation by regular watering.
8h	Water sprinkling on roads to control airborne dust	Yes proposed.	Regularly, spraying water on the mine Haul road, transportation road, dump area, etc.	Using one BEML water tanker of 28KL capacity for water spraying.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		One big pit is made in the lease area, covering an area of 102.5ha. Benches are systematically made. Developed green belt in the waste land by huge number of plantation. Provided one retaining wall and garland drains along the toe of dumps.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the preceding financial year.	Lessee is regularly submitting monthly and annual returns.	Submitted monthly returns upto Jan-2021 and Annual returns for the year 2019-20. Lessee is submitting monthly and annual returns within time limit as prescribed in the Rule 45(5)(b) & (c) of MCDR-2017.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer- Mr.Kanchan Kumar, Geologist- Mr.Gopinath Rengasamy and Manager- Mr.Suresh Madhukar Wandhare.	The details of mining enginner , Geologist & Manager given in the annual returns are found correct.	Submitted notice of appointment to this office.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under open cast working-116.00 Ha. reclaimed/rehabilitated- 18.200Ha, dumps-41Ha, infrastructure -3.76 Ha, Others-9.95 Ha	Details of land use pattern given in the annual returns were found correct.	Out of 18.20ha, reclaimed/rehabilitated area 9.5ha, backfilled area and remainig is plantation made on inactive dump and in waste land area existing within the lease.
9d	Scrutiny of Annual return on afforestation	3000 saplings in the year 2019-20.	Information given on plantation is correct.	In the annual returns submitted for the year 2019-20, survival rate is mentined as 80%, how ever on the day of inspection it is observed that survival rate is 60 to 70% only. So lessee has advised to take care of plantation by proper maintenance.

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	Entire ROM produced is segregated under Cement grade and no mineral generated in the present plan period.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	In the annual returns submitted for the year 2019-20, details of production and dispatch shown as follows, ROM: Opening and Closing stocks- Zero, Production 27,31,916T. Graded Ore: Opening and Closing stocks- Zero, Production and Dispatches 27,31,916T (Cement Grade)	Information furnished in the annual returns is found correct.	On the day of inspection, no mineral stock was seen, except blasted ROM in the working pit.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale value: Nil (Captive Usage) Ex-Mine price and Cost of production- Rs 290 /- per T	As per the monthly returns submitted for April-2019 to March-2020, exmine price of cement grade ore is shown as Rs- 280.95/tonnes, but in the annual returns same is mentioned as Rs- 290/tonnee.	Violation is pointed out for the same under Rule 45(7) of MCDR-2017.

9h	Scrutiny of Annual return on fixed assets	The value of fixed assets given in the annual returns submitted for the year 2019-20 is Rs-817,15,04024.	In the annual returns of Govari mine, (2019-20, it is mentioned that, the information on capital structure is furnished combindly for both Govari and sindola mines in the A/R of sindola mine. If information on capital structure is furnished as combinedly for both the mines, in the A/R of Sidola mines , then the details of capital structure should be shown as zero in the Govari mines returns.However, the same information is repeated in annual returns of Govari mines also.	The same information on capital structure is given in annual returns of both Govari and Sindola mines, which leads to double entry of the data which is already furnished in the annual returns of Sindola mines. Violation is pointed out for the same under Rule 45(7) of MCDR-2017.
9k	Scrutiny of Annual return on mining machineries	Shovel 4 m3-3, shovel-7m3-1, dumper 60 T-5, Drill 115mm-2, Dozer-2, Backhoe 4.5 m3-1, Water Tanker 28Kl-1, Water Tanker 10 KL-01.	One excavator having 7.2 CUM and One excavators of 4.0CUM, Dumpers of 60T capacity, Drilling machine and water tanker are working on the day of inspection.	Remaing machineries were under regular maintenance at mines workshop.

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
Rule 45(7)	19/04/2021				

Date :

(Kalmata.M.K.)

Indian Bureau of Mines