



		Email- <a href="mailto:gargmk@shreecement.com">gargmk@shreecement.com</a> Date of appointment – 18.08.21
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Hemraj Singhal, Address- C-244, SRCP Township village- Bharuwadih, Tehsil- Baloda bazar Distt.- Balodabazar pin code- 493332, phone no. – 9214776224 Email- <a href="mailto:hemraj.singhal@shreecement.com">hemraj.singhal@shreecement.com</a> , Date of appointment -02.05.2022
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Hemraj Singhal, Address- C-244, SRCP Township village- Bharuwadih, Tehsil- Baloda bazar Distt.- Balodabazar pin code- 493332, phone no. – 9214776224 Email- <a href="mailto:hemraj.singhal@shreecement.com">hemraj.singhal@shreecement.com</a> , Date of appointment- 02.05.2022
24	Name of the Geologist , Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Amit Singh Tanwar, Qualification – M.Sc. (Geology) Experience – 10 years Address – SRCP Township village- Bharuwadih, Tehsil- Baloda bazar Distt.- Balodabazar pin code- 493332 Mobile – 9214037391, Email- <a href="mailto:amit.tanwar@shreecement.com">amit.tanwar@shreecement.com</a> Date of appointment - 02.05.2022
25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57 of MCDR, 2017.	Yes
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Approval letter no. BALODABA/CHUP/KHA YO-1284/2021/Raipur/dated09.07.2021 Date of approval -09.07.2021 Mining plan period -2021-22 to 2025-26
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Not Applicable
28	Mineral(s) granted in lease and proved for mining	Limestone
29	Method of Mining (Opencast, Underground)	Opencast
30	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
31	Captive/Non Captive	Captive



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				mining commenced from 22.03.2023 in FY 2022-23, so mainly development works were carried out with very less limestone production
2d	Quantity of topsoil generation in m3	No proposal	Nil	
2e	Quantity of overburden generation in m3	36160 M <sup>3</sup>	4272 M <sup>3</sup>	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Production and development were carried out within the proposed area. However, actual development was less in comparison to the proposal and also the actual developments have not been carried out as envisaged in the approved Review of Mining Plan. Violation of Rule 11(1) of MCDR,2017 was pointed out for less development and excavation.		

Sl. No	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
EXPLOITATION: -				
3a	Number of Pit Proposed for Production	Pit 01	Pit 01	Pit No.01 has not been developed as envisaged in the approved RMP. Violation under Rule 11(1) of MCDR, 2017 pointed out in this regard.
3b	Quantity of ROM mineral production proposed	302600 Ton	167.5 Ton	As this is a new mine and mining commenced from 22.03.2023 in FY 2022-23, so mainly development works were carried out with very less limestone production.
3c	Recovery of Saleable / Usable Mineral from ROM Production	100%	100%	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral reject generation and	No proposal	Nil	

	threshold value declared			
3f	Quantity of sub-grade mineral generation	No proposal	Nil	
3g	Grade of sub-grade mineral generation	No proposal	Nil	
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	No proposal	No such study carried out	
3j	Provision of drilling & blasting in mineral benches	Drilling and Blasting proposed in mineral benches	Not carried out	As this is new mine deep hole drilling and blasting permission from the DGMS was under process.
3k	Provision of mining machineries in mineral benches	Yes, HEMMs	HEMMs deployed	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Mineral bench height- 12 meters and 50 meter minimum width	Bench height and width were not maintained as proposed	Violation under Rule 11(1) of MCDR, 2017 pointed out in this regard.
3m	Total area covered under excavation/pits	9.15 Ha. up to the end of plan period i.e. FY 2025-26	About 1 Ha. up to end of FY 2022-23	
3n	Ore to OB ratio for the pit/mine during the year	1:0.12	1:25.5	As this is a new mine and mining commenced from 22.03.2023 in FY 2022-23, so mainly development works were carried out with very less limestone production
3o	Total area put in use under different heads at the end of year	Total put to use-16.10 Ha. up to 2025-26	About 2.4 ha Up to end of F.Y. 2022-23	
3p	Production of ROM mineral during last five-year period, as applicable	2021-2022-300300 2022-2023-302600	2021-2022- Nil 2022-2023- 167.5 Ton	As per AR 2022-23 submitted
3q	General remarks of inspecting officer on	Open cast working being carried out by deployment of HEMM. Bench height and width were not maintained as envisaged in the approved		



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5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	No proposal	Not applicable	
5d	Total area fully reclaimed and rehabilitated	No proposal	Not applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Mineral has not been exhausted fully & thus no proposal was given for backfilling.		

Sl. No	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
<b>PROGRESSIVE MINE CLOSURE PLAN: -</b>				
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)	To be submitted before 01st July every year	PMCP report received in time	Annual Report submitted on 30.06.2023
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	No proposal	Nil	No area is mined out fully at present
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	No proposal	Nil	No area has got matured for reclamation and rehabilitation purposes

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	reservoir 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) Afforestation - 1200 ii) Area rehabilitated (ha) -0.72 Ha iii) Method of rehabilitation- Green Belt	i) Afforestation - 1200 ii) Area rehabilitated (ha) -About 0.7 Ha iii) Method of rehabilitation – Green belt	Outside lease area- 1370 Nos. trees planted @ 90 % survival
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring of air, water & noise proposed	Environmental monitoring of air, water & noise was carried out as per the proposal	All values of environment parameters were within permissible limits
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	Annual PMCP report has been submitted. Plantation has been carried out as per the proposal.		

Sl. No	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
<b>MINERAL CONSERVATION:-</b>				
7a	ROM mineral dispatch or grade wise sorting within lease area	Direct ROM dispatch to their captive plant	Blasted ROM is being fed to the captive cement plant	
7b	Method of Grade-wise mineral sorting i.e. manual or mechanical	Blending by mechanized method	Benchwise blending as per the requirement of the cement plant	
7c	Different grade of mineral sorted out at mines	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The run of mine ore is fed to the captive cement plant.		

Sl. No	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
<b>ENVIRONMENT: -</b>				
8a	Separate removal and utilization of topsoil	No proposal	Nil	No proposal for topsoil generation
8b	Concurrent use or storage of topsoil	No proposal	Nil	



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8c	Separate dumps for overburden, waste rock, rejects and fines	Separate dumps for overburden, waste rock, and rejects are proposed	Separate dumps are maintained	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	No proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done	1200 Nos. of saplings within ML area covering 0.72 Ha area	With in lease area 1200 nos. saplings	
8g	Survival rate	Not specified	90 %	
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling on roads through water tanker	Continuous water sprinkling done on haul roads to suppress the dust generated	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty in & around the mine area was good.		

Sl. No	Item	Comments	Remarks	
COMPLIANCE OF RULE-45: -				
9a	Status of Submission of Monthly & Annual Returns	MR being submitted regularly AR Submitted up to = FY 2022-23		
Sl. No	Item	Details Given in A.R	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager- Hemraj Singhal Geologist- Amit Kumar Tanwar Mining Engineer- Hemraj Singhal	Employed	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	2.44 Ha.	About 2.4 Ha.	
9d	Scrutiny of Annual	With in lease area 1200	Appears to be correct	

	return on afforestation	@ 90 % survival rate		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	No generation of mineral reject reported	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM opening stock- Nil Production- 167.500 Closing stock- Nil	Appears to be correct	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex. Mine price and cost of production – Rs. 82843.61/Tonne Sale value- Nil	Captive consumptions	As this is a new mine and mining commenced from 22.03.2023 in FY 2022-23, so mainly development works were carried out with very less limestone production.
9i	Scrutiny of Annual return on fixed assets	Rs. 7320600/- Capitalized Expenditure such as pre-production exploration, development, major overhaul and repair to machinery etc.	Appears to be correct	
9k	Scrutiny of Annual return on mining machineries	01 Back hoe and 02 dumper	Observed deployed	

10- Details of violations observed during current inspection: -Violation of Rule 11(1) of MCDR 2017 is pointed out after current inspection.

प्रशान्त कुमार साहू / Prasant Kumar Sahu  
सहायक खनन अभियंता / Assistant Mining Engineer  
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