KUTCH/LST-00+

MCDR INSPECTION REPORT (Star Rating)

CM	Particulare	Details		
SN	Particulars Name of the Mine	JADUA LIMESTONE MINE		
1 (a)	Name of Inspecting officer	Naman Ekka SMG		
1(b)	Name of Inspecting Officer	03/10/2022		
1(c)	Date of Inspection	Christa K. Choube, DGM		
1(d)	Accompanying officer	Lease Area-1543.0958Ha, Forest Area-Nil		
2	Total Lease Area (Ha) with breakup	Non Forest Area-1543.0958Ha		
	of Non-forest and forest land	38GUJ10005		
3	Mine code	IBM/753/2011		
4	IBM Registration Number under rule			
5	A5 of MCDR, 1988 Name of the lessee, Address, phone, email and fax number	M/S SANGHI INDUSTRIES LTD., Corporate Office:10 th Floor, Kataria Arcade, Opp. S.G.Highway,P.OMakaraba,Ahmedabad-380051 Ph7926838000,Fax-+917926838111,Email-info@sanghicement.com		
6	Village	Jadua		
7	Taluka/Mandal	Lakhpat		
3	District	Kachchh		
)	Pin code	370511		
0	State	Gujarat		
1	Post office	Sanghipuram		
2	Nearest police station	Vayor		
3	Nearest Railway station	Bhuj		
-	Date of Grant of Mining Lease	14.11.1995		
4	Date of Execution	19.03.1996		
5	Date of execution Date of opening of Mine	06.06.2000		
6	Date of opening of mine Date of first Renewal, if applicable	Date of First renewal on Dated 13 10 2014 and validity up to		
7	Date of first Renewal, if applicable	18.03.2046 as per sec 8(A) of MMDR Amendment Act 2015.		
	and its period & expiry			
8	Date of second Renewal, if	Note that the property of the state of the s		
	applicable and its period & expiry	07.00.0044		
9	Date of submission of renewal application if Mining Operations are continuing under deemed extension	27.08.2014.		
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr Ravi Sanghi, Date of Appointment-02/11/2015 Email-ravi.sanghi@sanghicement.com, Address-10 th Floor, Kataria Arcade,Opp. S.G.Highway,P.OMakaraba, Ahmedabad-380051,Ph7926838000,Fax-+917926838111		
1	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr. Pappu Kumar , Date of appointment-19.03.2010, Email-pappu.kumar@sanghicement.com Ph-9909961438		
2	Name of the Mines Manager with	Mr. Mukesh Kumar Choubey Date of Appointment-20.04.2011		
_	Address, phone, email, fax number and date of appointment in mines	Email mukesh.choubey@sanghicement.com		
3	Name of the Mining Engineer,	Mr. Chintan Thakar		
	Qualification and total experience	Date of appointment-13.01.2015		
	with Address, phone, email, fax	Qualification-B.E.(Mining)		
	number, date of appointment in mine	accumounter-c.c.(mining)		
4		Chri Avinach Dai		
4	Whether Geologist and Mining	Shri Avinash Rai,		
	Engineer appointed in mines satisfy	Date of appointment-29.4.2017		
	the rule 42 & carrying out their	Qualification- Msc Geology		
	duties as per rule 43 & 44.			
5	Date of Approval of Mining Plan /Modified Mining Plan with five-year period and specific condition in	Mining plan was approved vide letter No 682(23)(463)/2006- UDP Dated 14/9/2006		
	approval letter, if any.			
6	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	682(23)(741)/2010-MCCM(N) Dated 20/9/2011 & 682(23)(741)/2010-MCCM(N)/UDP Dated-19/12/2013 & 682(23)(741)/10/MCCM(N)/UDAI Dated 01/8/2016 for Period of 2016-17 to 2020-21		
7	Mineral(s) granted in lease			
8	Method of Mining/COULO	Limestone		
	Method of Mining(OC/UG)	Opencast		
9	Category (Fully Mechanised, Others or Manual)	A-Fully Mechanised		
10	Captive/Non Captive	Captive		

osals of approved mining plan/scheme of mining. —

	a wallance of proposal	ils of approved mining print	Actual work	Remarks
Scien	ntific Mining: Compliance of proposal		mtr drilled	The state of the s
SN	Item	Proposals	mtr drilled	
1a	Backlog of previous year	2013-14-11 core borehole & 27 2014-15-12 core borehole & 267 2015-16-13 core borehole & 205 Total-36 boreholes 2016-17-20 borehole & 600 mtr	743.6Mtr 20 borehole & 455m	
1b	Exploration over lease area for Geological axis 1 or 2.	drilled 2017-18-16 borehole & 480 mfr	drilled 16 borehole & 450m drilled 04 Borehole & 100M	Up to Sept.18
1c	Exploration Agency &	drilled 2018-19-17 borehole & 510 mtr drilled Sanghi Industries Ltd.	Done & under process. Sanghi Industries Ltd. Kachchh Gujarat	
	Expenditure in lakh Rupees during the year	Kachchh, Gujarat 4.59 Lakh	Remaining area of	
1d	Balance area to be explored to bring Geological axis in 1 or 2	962.269Ha explored in G1&G2 till date	580.8268Ha un- explored.	Δ5.00
1e	Balance reserves as on 01.04.2018	Reserves-185.75 & 87.23 millio 01.4.2016. The production deple reserves as on 01.4.2018 is 179 (111,121&122)	.66 & 87.23 million tonn	18-
1f	General remarks of inspecting officer on geology, exploration etc.	(111,121&122) The lessee is carrying out the experiod. The lease area is still release.	main for further explora	ition.

etc.			
evelopment		A etual work	Remarks
Item	Proposals		Partly
Location of development w.r.t. lease area	& 10444E-11420E, 12640N-13300N & 11254E-12680E,13327N-14230N & 11640E-12360E & 13925N- 14380N & 12082E-12783E & 12462N-12870N, 9135E-9722E as	Parity done as proposed due to less production achieved in plan period in lateral & depth wise also.	deviated due to lagging in production.
Separate benches in topsoil, overburden and mineral (Rule 15)	Not proposed	NIL	No OB/waste generated.
Stripping ratio or ore to OB ratio	1:0.00	1:0.00	
Quantity of topsoil generation in m3	Not proposed	NIL	
Quantity of overburden generation in m3	Not proposed	NIL	
General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	NIL		
	Separate benches in topsoil, overburden and mineral (Rule 15) Stripping ratio or ore to OB ratio Quantity of topsoil generation in m3 Quantity of overburden generation in m3 General remarks of inspecting officer on development of pit w.r.t.	Item	Item

SN	xploitation ltem	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	4Nos.	3Nos.	
3b	Quantity of ROM mineral	5.00Mt (2017-18)	2.78Mt	
	production proposed	5.00Mt (2018-19)	1.715MT	
3с	Recovery of saleable/usable	5.00Mt (2017-18)	2.78Mt	Total Williams
MINA	mineral from ROM production	5.00Mt (2018-19)	1.715Mt	
3d	Quantity of mineral reject	Not proposed	NIL	
-	generation	Not proposed	NIL	
3e	Grade of mineral reject	Not proposed	NIL	A STATE OF THE STATE OF
3e	generation and threshold value declared	Not proposed	NIL	
3f	Quantity of sub-grade mineral	Not proposed	NIL	ALCOHOLD WITH
31	generation	Not proposed	NIL	mile travelle
(April	Grade of sub-grade mineral	Not proposed	NIL	
3g	generation	Not proposed	NIL	

		,				Mechanised	AND DESCRIPTIONS
	7			IM	echanised	Mediano	Abrul 955
	7		Manual / Mechanised method	"		NIL	
1	1	30		NI/	ot Proposed	MIL	1.55
7				140	O() TOP-		
ν.	1	3i	study proposes is sell/reject.		drilling & blasting propos	ed Not done	S. B. Lington
1		- 1	study proposed & carried study proposed & carried for sub-grade mineral/reject. Provision of drilling & blasting	No	drilling a biasting p	Surface Miner-L&T-	
	3			Su	rface Miner-L&T-KSM304C 8	KSM304C & SF202M	
	-			SF	202M, ader-L544, Tipper-25T, Core d	frill Loader-L544, Tipper-	The Property of
	38	_	machineries in militeres	Loc	ater Tanker, Pump etc.	25T,Core drill ,Water Tanker, Pump etc.	7 775
		1	benches				No OB zo
			Whether height of benches in	6m	n, No OB/Waste & mineral nch as per applicable of	Miner used (Avg-	
	3/			be	rface miner	0.2m cut)	
			table for method of filling				
		n	mposed in MP/SOM	87.	09Ha proposed in preser	nt Total excavated	4 100 8 3
	3m		otal area covered oder excavation/pits	pla	n period.	area about- 241Ha 1:0.0	
1	3n	Ul Or	re to OB ratio for the pit/mine	1:0	0.0	1.0.0	Se Section of the second
1	311	de	ring the year	-		Pit-241Ha	
13	30	To	tal area put in use under			Others-31.0Ha	
1		diff	ferent heads at the end of			Afforestation-8Ha	La Company
L		yea	ar eduction of ROM mineral	201	17-18-5Mt	2017-18-2.78Mt	PER SE
3	p	Pro	ing last five-year period, as	201	18-19-5Mt	2018-19-1.715MT	1200000
		and	olicable		19-20-5Mt	2019-20-2.01Mt	67 4 10 10 10 10
		opp			20-21-5Mt 21-22-5Mt	2020-21-2.44Mt 2021-22-2.82Mt	
				202	1-22-0ML	2021-22-2.02IVI	100,000
30	-	-	neral remarks of inspecting	5 6 .1	1 6 11 - 1 - 11	0 14 4 1 1	af C C
		Ger	neral remarks of inspecting	Metr	nod of mining adopted is	S Opencast with the help	of Surface mi
-	1	Ger	er on method of mining		nod of mining adopted is ing and blasting is not c		of Surface mi
-		office etc.	er on method of mining		ing and blasting is not c		of Surface mi
		office etc.	er on method of mining	Drill	ing and blasting is not c	arried out.	of Surface mi
	Solid	etc. d Wa Item	er on method of mining ste Management-Dumping	Drill	ing and blasting is not c	arried out. Actual work	Remarks
1.05	Solid	office etc. d Wa Item Sepa	er on method of mining ste Management-Dumping arate dumping of topsoil, OB	Drill	ing and blasting is not c	arried out.	
1.0 S SN 4a	Solid	officetc. d Waltem Sepa	er on method of mining aste Management-Dumping arate dumping of topsoil, OB aral reject (Rule 32, 33)	Drill 8	Proposals Not Proposed	Actual work	
1.0 S SN 4a	Solid	officetc. d Waltem Separente	er on method of mining aste Management-Dumping arate dumping of topsoil, OB aral reject (Rule 32, 33) attion of topsoil, OB & mineral	Drill 8	ing and blasting is not c	arried out. Actual work	
4.0 S SN 4a 4b	Solid	officetc. d Waltern Separente	er on method of mining ste Management-Dumping arate dumping of topsoil, OB aral reject (Rule 32, 33) ation of topsoil, OB & mineral at dumps	Drill &	Proposals Not Proposed Not Proposed	Actual work NIL NIL	
1.0 S SN 4a 4b	Solid	officetc. d Waltem Separente Loca reject	er on method of mining ste Management-Dumping arate dumping of topsoil, OB aral reject (Rule 32, 33) tion of topsoil, OB & mineral t dumps ber of dumps within lease ar	Drill &	Proposals Not Proposed	Actual work	
4a 4b 4c	Solid	officetc. d Waltern Separente Local rejectory Num and control	er on method of mining aste Management-Dumping arate dumping of topsoil, OB aral reject (Rule 32, 33) ation of topsoil, OB & mineral at dumps ber of dumps within lease ar butside lease area	Drill &	Proposals Not Proposed Not Proposed Not Proposed	Actual work NIL NIL NIL	
4a 4b 4c	Solid	officetc. d Waltem Sepamine Loca reject Num and coca	er on method of mining aste Management-Dumping arate dumping of topsoil, OB arate reject (Rule 32, 33) attion of topsoil, OB & mineral attion of dumps within lease are attion of dumps w.r.t. ultimate	Drill &	Proposals Not Proposed Not Proposed	Actual work NIL NIL	
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1.0 S SN 4a 4b 4c 4d	Solid I I I I I I I I	officietc. d Wa Item Sepa mine Loca rejec Num and c loca imit (ser on method of mining aste Management-Dumping arate dumping of topsoil, OB aral reject (Rule 32, 33) attion of topsoil, OB & mineral at dumps ber of dumps within lease ar autside lease area attion of dumps w.r.t. ultimate (Rule 16) are of active & alive dumps	Drill &	Proposals Not Proposed Not Proposed Not Proposed Not Proposed Not Proposed Not Proposed	Actual work NIL NIL NIL NIL NIL	
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4.0 \$\frac{1}{5}\text{N} \text{4a} \text{4b} \text{4c} \text{4d} \text{4d} \text{4f} \text{4g} \text{4h} \text{1h} \text{ii}	Solid I	officetc. d Was Item Sepamine Loca reject Numb and c Loca imit (Numb Item Vheti rain reject was imerain and c c c c c c c c c c c c c c c c c c c	ser on method of mining aste Management-Dumping arate dumping of topsoil, OB arat reject (Rule 32, 33) ation of topsoil, OB & mineral at dumps ber of dumps within lease ar autside lease area ation of dumps w.r.t. ultimate (Rule 16) ber of active & alive dumps ber of dead dumps ber of dumps stabilised her Retaining wall or garlan all along dumps are there h of Retaining wall or garlan all along dump ber of settling ponds fic comments of inspecting the Management-Backfilling ander backfilling ander backfilling ander backfilling of mined of	Drill & rea pit d nd	Proposals Not Proposed	Actual work NIL	Remarks Pe proposed &
4.0 S SN 4a 4b 4c 4d 4e 4f 4g 4h N Sol N a	Solid III III III III III III III III III I	officetc. d Was Item Sepamine Loca reject Numb and coal imit (Numb Item Vheti rain engt rain tatus inera artin ea umb pecid	ser on method of mining aste Management-Dumping arate dumping of topsoil, OB arat reject (Rule 32, 33) ation of topsoil, OB & mineral at dumps ber of dumps within lease ar autside lease area ation of dumps w.r.t. ultimate (Rule 16) ber of active & alive dumps ber of dead dumps ber of dumps stabilised her Retaining wall or garlan all along dumps are there h of Retaining wall or garlan all along dump ber of settling ponds fic comments of inspecting the Management-Backfilling aron part or full extraction of all from mined out area before g backfilling under backfilling of mined out arrent use of topsoil for ation or rehabilitation of mineral	Drill & rea pit d nd	Proposals Not Proposed	Actual work NIL	Remarks Pe proposed &
4.0 SSN 4a 4b 4c 4d 4e 4f 4g 1h ii j k Sol N a	Solid I	officetc. d Was Item Sepamine Loca reject Numb and c coca imit (Numb Item Vheti rain engt rain tatus inergartin rea u ea concustora at are	ser on method of mining aste Management-Dumping arate dumping of topsoil, OB arat reject (Rule 32, 33) ation of topsoil, OB & mineral at dumps ber of dumps within lease ar autside lease area ation of dumps w.r.t. ultimate (Rule 16) ber of active & alive dumps ber of dead dumps ber of dumps stabilised her Retaining wall or garlan all along dumps are there h of Retaining wall or garlan all along dump ber of settling ponds fic comments of inspecting the Management-Backfilling ander backfilling ander backfilling ander backfilling of mined of	Drill & rea pit d nd	Proposals Not Proposed	Actual work NIL	Remarks Pe proposed &

		Nil		
5e	General remarks of inspecting officer on backfilling, reclamation etc.	No.		Remarks
200	on backfilling, room		Actual work	
	gressive Mine Closure Plan	Proposals	a traitted under	10000
0 Pro	llem DATED	Yes	provision of Rule	
SN	tem Whether Annual report on PMCP	2 - 6	26(2) of MCDR2017.	1201000
6a	submitted on time and should be	D Nil	i)Nil	1000000
	given in the format as given.	1) 4.00	ii)1.0	1000000
6b	Management of worked thin	1000	iii)1040	100000
	benches i) Area available for rehabilitation	1117	iv)8002	0.0000000000000000000000000000000000000
		IV) Nil	v)Nil	
	(ha) ii) Afforestation done (ha)	V) 000000	vi)	111 112 113
	ii) Afforestation done (to) iii) No. of saplings planted during the	VI) 250000	TO THE STATE OF TH	BE THE SE
	year iv) Cumulative no. of plants	The state of the s		The state of the s
	v) Any other specific method of	4 8 6		ALCOHOL:
1			The second second	25-11-12-11
	vi) Cost incurred on watch & care			
1 3	during the year	i) Not Proposed	i) Nil	
вс	Compliance on reclamation and	ii) Not Proposed	ii)Nil	
	rehabilitation by backfilling	iii) Not Proposed	iii)Nil	(SEE) (SEE)
MI	i) Voids available for backfilling (L X	iv) Not Proposed	iv)Nil	
	B X D)	v) Not Proposed	v)Nil	
100	ii) Void filled by waste/tailings	V) NOT . ISPOSE		
Pay	iii) Afforestation on the backfilled		The state of the s	
25	area			
1828	iv) Rehabilitation by making water		The second second	
52	reservoir	PROPERTY OF THE PROPERTY OF		
24	v) Any other specific means	i) Not Proposed	i)Nil	
5d	Compliance of Rehabilitation of waste land within lease	ii) Not Proposed	ii)NiI	12,12
1	i) Afforestation	iii) Not Proposed	iii)Nil	
	ii) Area rehabilitated (ha)			
Det.	iii) Method of rehabilitation	。		
6e	Compliance of Environmental	Air quality monitoring	Air quality Monitoring is	33
	monitoring (core zone & buffer zone)	was done as per	being regularly carried	
100		CCOM's circular 3/92	out half yearly & results are within limit	
		during mining.	are within innit	
3f	General remarks of inspecting	NIL		
	officer on PMCP compliance &			
- 1	progressive		PER DUNING NO.	
	eral Conservation	A STATE OF THE PARTY OF THE PAR	LAshadauad	I Damed
SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise	5.0Mt	2.78Mt	AR
	sorting within lease area		Sala alle age alle	11-502V
7b	Method of grade-wise mineral	Mechanised	Mechanised	133/8/2017/8
	sorting i.e. manual or mechanical			PARL NE
7c	Different grade of mineral sorted out	Proposed for stacking	Stacking separately &	170000000000000000000000000000000000000
	at mines	separately.	utilising by proper	TO THE REAL PROPERTY.
		THE RESERVE OF THE PARTY OF	sizing & sorting	
7d	Any beneficiation process at mines	Not Proposed	NIL NIL	
		193334		
	a selection			VALUE OF STREET
7e	General remarks of inspecting	NIL		
	officer on Mineral conservation &	Marine Marine		the state of
	beneficiation issues			
	rironment			
BN	Item	Proposals (2017-18)	Actual work	Remarks
8a	Separate removal and utilization of	Not Proposed Top soil &	NIL	riemarks
	topsoil (Rule 32)	OB/Waste/Rejects		A CONTRACTOR OF THE PARTY OF TH
8b	Concurrent use or storage of topsoil	Not Proposed		A RELEASED IN
		CHILD PROPERTY	NIL	

Вс	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Proposed	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	Not Proposed	NIL
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	1000 No. &1Ha	1040 No. & 1Ha, 7936 No. (OML)
8g	Survival rate	81%	65%
8h	Water sprinkling on roads to control airborne dust	Regular water sprinkling is done on haul road and loading and unloading point	Regular water sprinkling is done on haul road and loading and unloading point
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	NIL	

9.0 Compliance of Rule 45

S.N	mpliance of Rule 45	COMMENTS		Remarks
3.14	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till da A.R. submitted up to till dal (October month)		
S.N	Item	Details GIVEN in A.R.		Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sh, Chintan Thakur ME- & Ramesh Visvakarma, Geologist-	Sh. Sameer Arora ME- & Ramesh Visvakarma, Geologist-	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit-241.75Ha Others-31.0Ha	Pit-241.75Ha Others-31.0Ha Afforestation-8Ha	
9d	Scrutiny of Annual return on afforestation	1000 No & 1.0Ha	1040 No & 1Ha	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NIL	NIL DIGGS FOT DOM	1000
9f	Scrutiny of Annual return on ROM stock and/or graded ore	O/s-81938.50T,ROM- 2784697T,Dispatch- 2802678.82T, C/s- 63956.680T,Ex Mine- 136.1Rs/T	O/s-81938.50T,ROM- 2784697T,Dispatch- 2802678.82T, C/s- 63956.680T,Ex Mine- 136.1	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex Mine Price/Cost of producion-136.1Rs/T	-	
9i	Scrutiny of Annual return on fixed assets	216842860 Rs.		
9k	Scrutiny of Annual return on mining machineries	Surface Miner-L&T- KSM304C & SF202M, Loader-L544,Tipper- 25T,Core drill ,Water Tanker, Pump etc.	Surface Miner-L&T- KSM304C & SF202M, Loader-L544, Tipper- 25T, Core drill , Water Tanker, Pump etc.	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- The presently mine was inspected for MCDR/Star Rating examination. Lessee is regular in submission of online periodical return. No significant violation observed presently. Further online Star Rating templates evaluated & under process of final validation.

(Naman Ekka) SMG