JK Cement Works, Mangrol
A unit of JK Cement Ltd.
CIN: L17229UP1994PLC017199
C/o. Kailash Nagar - 312617, Nimbahera Distt., Chittorgarh (Raj.) INDIA
+91-1477-220098, 220087 jkc.mgrl@jkcement.com
www.jkcement.com

MGR/PC-14/C11 **By Mail** **Date: 25.05.2022**

To,

The Director(M),
Ministry of Environment, Forests & Climate Change
Indira Paryavaran Bhavan, JOR Bagh Road,
Near JOR bagh Metro station, **New Delhi 110003.**

Sub: Environmental Clearance Compliance report of Mangrol-Tilakhera Limestone Mine (ML no. 07/97, **Area 299.20 ha.)**) production capacity 2.4 Million TPA (ROM), Village – Mangrol & Tilakhera, Tehsil- Nimbahera, District- Chittorgarh, Rajasthan.

Ref.: Environment Clearance letter No. J-11015 / 25/ 2011-IA.II (M)Dt.3.03.2021.

Dear Sir,

Kindly refer to the above subject matter and refer EC letter no., please find attached herewith compliance of EC for the period of **October'2021 to March'2022.**
As per MoEF & CC notification no. S.O. 5845 (E) 26.11.2018 the soft copy of same has been sent through email to moef@nic.in, ccb.cpcb@nic.in, iro.jaipur-mefcc@gov.in member-secretary@rpcb.nic.in, cpcb.bhopal@gov.cin monitoring-ec@nic.in.

We trust you will find the same in order.
Thanking you,

Yours Faithfully
For J. K. Cement Works, Mangrol

R.B.M Tripathi
President (Operations)

Encl: as above

Copy to:

1. The Deputy Director(S), Ministry of Environment, Forests & Climate Change, Integrated Regional office, Jaipur, A-218, Aranya Bhawan, Jhalana Institutional Area, Jaipur-302004
2. The Regional Director, Central Pollution Control Board, Paryavaran Parisar, E-5, Arera colony, Bhopal (M.P) 462016
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-CUM office complex, East Arjun Nagar, New Delhi 110032.
4. The Chairman, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur - 302004 (Rajasthan)

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HALF YEARLY COMPLIANCE REPORT

OF

ENVIRONMENTAL CLEARANCE LETTER NO.

J-11015 / 25/ 2011-IA.II (M), Date.03.03.2021

Period: October-2021 to March-2022

For

Mangrol-Tilakhera Limestone Mine: 2.4 Million TPA (ROM)

Submitted to:

MoEF&CC, New Delhi &Integrated Regional Office, Jaipur
Central Pollution Control Board, New Delhi & Bhopal
Rajasthan State Pollution Control Board, Jaipur

Submitted by:

M/s J.K.CEMENT WORKS, MANGROL,

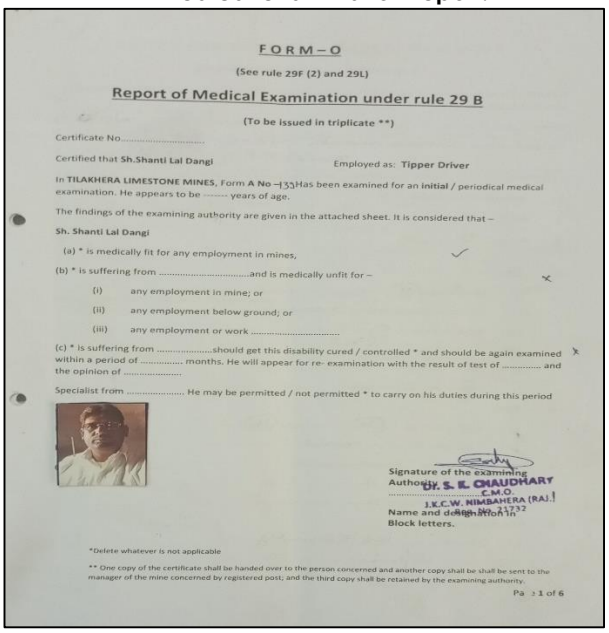
Vill. Mangrol, Tehsil: Nimbahera, District: Chittorgarh (Raj)

HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENT CLEARANCE OF MANGROL-TILAKHERA LIMESTONE MINE (ML NO. 07/97) M/S J.K. CEMENT WORKS, MANGROL

PROPONENT:	**J.K. CEMENT WORKS, MANGROL (RAJ.)**	**Period: October'2021 to March'2022**
PROJECT:	**Expansion of Mangrol-Tilakhera Limestone** Mine (ML no. 07/97) production capacity 2.4 Million TPA (ROM) Total Excavation Limestone 1.80 Million TPA + Mineral Rejects 0.55 Million TPA +Interstitial clay 0.04 Million TPA+ Soil 0.01 Million TPA) Village – Mangrol & Tilakhera, Tehsil- Nimbahera,District-Chittorgarh, Rajasthan.	
Environment Clearance issued from MOEF, IA Division, New Delhi vide letter No. J-11015 / 25/ 2011-IA.II (M)Dt.3.03.2021.		
S. No.	**Condition**	**Status**
(A)	**Specific Conditions**	
(a)	The project proponent shall submit an undertaking that gap plantation will be completed in balance 1.72 ha by September 2021 using tall saplings of 5-6 feet as per the guidelines of the ministry.	**Complying with.** • Total Planation required in 15.0576 ha. • Plantation done till FY 2021-22 with 49692 nos. in 20.31 ha. • Total safety zone area (7.5m) is 1.95 ha. • Total Plantation done in safety zone till FY 2021-22 is 1.20 ha. With 4130 nos. of plants. • The balance area of safety zone plantation in 0.75 ha. Will be completed during FY 2022-23. • Total plantation done in safety zone till FY 2021-22 is 13766 nos. including gap filling.
(b)	The project proponent shall spend Rs. 25 lakh for creating water resources or water harvesting structures to benefit the wildlife	**Complying with.** The Wildlife conservation plan has been prepared for six nos. of the following Schedule-I species found in the buffer area during the survey: - (a.) *Pavocristatus* (Indian Peafowl), (b.) *Pantherapadusfusca* (Indian Leopard), (c.) *Prionailurusrubiginosus* (Rusty-Spotted Cat), (d.) *Canis lupus pallipes* (Indian Wolf), (e.) *Varanusbengalensis* (Indian Monitor Lizard) (f.) *Gyps indicus/Gyps bengalensis* (Indian Vulture) 5 Nos. of captive Limestone Mines and 2 Nos. of Integrated Cement Plant of J K Cement Ltd are situated within 10 KMS radius in Tehsil Nimbahera, Chittorgarh District and accordingly, Cumulative Wildlife Conservation Plan for 6 Sch-1 Species (Indian Peafowl (Pavo cristatus), Panther (Panthera pardus fusca), Rusty Spotted Cat (Prionailurusrubiginosus), Indian Wolf (Canis lupus pallipesl) Indian Monitor lizard (Varanus bengalensis) and Indian vulture (Gyps indicus/ bengalensis). Wild life conservation plan has been forwarded by the DFO Chittorgarh to Divisional chief conservator of forest vide letter no F (5) survey/UVS/2021-22/4089 dated 13.07.2021 and accordingly 20% amount of Rs. 57.07 Lakh deposited by us against total WCP cost of Rs.285.30 Cr in July,21. Copy of Letter is enclosed as **Annexure-1.**
(c)	The project proponent shall review annually the efficacy of conservation	After approval of wildlife conservation plan & implementation progress report will be submitted.

	plan and shall submit the progress report to ministry as directed.	
(d)	PP shall establish the environment management cell separately for the mine & engage sufficient number of qualified staff for the implementation of EC conditions & other statutory requirements	**Complying with.** A separate environmental management cell has been established with qualified personnel and having sufficient monitoring equipment's in environmental laboratory.
(e)	PP to ensure that the necessary EMP should be implemented & monitored properly to ensure better compliance of the said conservation measures.	**Complying with.** EMP has been implemented.
(f)	Regular surveillance on Silicosis shall be carried through regular occupational health check-up of 1/3 of the persons every year.	**Complying with.** As per DGMS rule medical checkup are being done to all workmen on periodical basis. Pre placement medical examination of the workers engaged is carried out and record is being maintained. Schedule of health examination will be done in such a manner that every workman will be examined once in five years. Medical examination detail of period Oct-21 to Mar-22 is mention below in table: **Medical examination report:**

Particular	**Medical Exam. Carried out (in Nos.)**
No. of persons examined	22
Initial Medical Examination	5
Periodical Medical Examination	17
Disease observed	NA



FORM – O

(See rule 29F (2) and 29L)

Report of Medical Examination under rule 29 B

(To be issued in triplicate **)

Certificate No.....

Certified that Sh.Shanti Lal Dangi Employed as: Tipper Driver

In TILAKHERA LIMESTONE MINES, Form A No –135 Has been examined for an initial / periodical medical examination. He appears to be ------- years of age.

The findings of the examining authority are given in the attached sheet. It is considered that –

Sh. Shanti Lal Dangi

(a) * is medically fit for any employment in mines,

(b) * is suffering from .....and is medically unfit for –

(i) any employment in mine; or

(ii) any employment below ground; or

(iii) any employment or work .....

(c) * is suffering from .....should get this disability cured / controlled * and should be again examined within a period of ..... months. He will appear for re- examination with the result of test of ..... and the opinion of .....

Specialist from ..... He may be permitted / not permitted * to carry on his duties during this period

Signature of the examining Authority: Dr. S. K. CHAUDHARY C.M.O. J.K.C.W. NIMBAHERA (RAJ.) Name and designation in Block letters.

*Delete whatever is not applicable

** One copy of the certificate shall be handed over to the person concerned and another copy shall be shall be sent to the manager of the mine concerned by registered post; and the third copy shall be retained by the examining authority.

Page 1 of 6

(B)	**Standards Conditions**
I	**Statutory Compliance**

(1)	This environmental clearance is subject to orders / judgement of Hon'ble supreme court of India, Hon'ble high court, Hon'ble NGT and any other court of law, common cause conditions as may be applicable.	Complied with. Copy of certificate issued by Mining department is enclosed as **Annexure-2.**
(2)	The project proponent complies with all statutory requirements and judgement of Hon'ble supreme court dated 2nd august,2017 in writ petition(civil) no.114 of 2014 in matter of common causes versus union of India & ors before commencing the mining operations.	Complied with. Copy of certificate issued by Mining department is enclosed as **Annexure-2.**
(3)	The state government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied if any for illegal mining paid by the project proponent through their respective department of mining & geology in strict compliance of judgement of Hon'ble supreme court dated 2nd August 2017 in writ petition civil no-114 of 2014 in matter of common cause versus union of India & ors.	Complied with. Copy of certificate issued by Mining department is enclosed as **Annexure-2.**
(4)	The project proponent shall follow the mitigation measures provided in MoEFCC's office memorandum No. Z-11013/57/2014-IA.II(M), dated 29th October, 2014 titled "Impact of mining activities on Habitations –issues related to the mining projects where in Habitations and villages are the part of mine lease area"	**Complying with.** 1. Garland drain constructed. 2. Siltation pond facilitated. 3. Regular water spray on haul road is being done. 4. Rain water collected in mine pit and during the lean period & as per requirement water is being supplied to the nearby villagers. 5. Mask light are being kept in off mode during night period. 6. Control blasting implemented. 7. Company own road used for limestone transportation.
(5)	A copy of EC letter will be marked to concerned Panchayat / local NGO etc if any, from whom suggestion / representation has been received while processing the proposal.	**Complied with,** A copy of EC has been submitted at concern panchayat, Zila Parishad, DIC office, District Collector, SDM office vide letter no. MGR/PC/A/11/748 on 04.03.2021, copy of same enclosed as **Annexure-3.**
(6)	Sate pollution control board/committee shall be responsible for display of this EC letter at its Regional office, District industries center and collector office / Tehsildar's office for 30 days.	**Agreed & complied.**
(7)	The project authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue	**Complied With,** EC granted information published in two local newspapers i.e. Dainik Bhasker & Rajasthan Patrika on 06.03.2021, copy of same enclosed as **Annexure-4.**

	of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the state pollution control board / committee and web site of the ministry of environment, forest and climate change. a copy of the advertisement may be forwarded to the concerned MoEFCC regional office for compliance and record.	
(8)	The project proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA notification, 2006 as amended from time to time.	**To be followed**. If any change in ownership of mining, will be intimated to the ministry accordingly.
II	**Air quality monitoring & preservation**	
(9)	The project proponent shall install a minimum 3 online ambient air quality monitoring stations with one in upwind and 2 in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters relevant for mining operations of air pollution viz. PM10, PM2.5 NO_2,CO, & SO_2 etc. as per the methodology mentioned in NAAQS notification No. B-29016/20/90PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone the ambient air quality shall also be monitored at prominent places like office building , canteen etc as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main gate of the mine site.	**Complied with**, Three (03) nos of CAAQMS has been installed all along the mine lease boundary : 1. Near Mine office towards village Arniya Joshi , Tie & Tilakhera 2. Toward village Mangrol (Common for Tilakhera Mine & JKCW Mangrol plant) 3. Towards village Sahabad (Common for Tilakhera Mine & JKCW Mangrol plant) Digital display board has been provided at Mine Office. Connectivity of CAAQMS has been done at RSPCB and Request has been made to CPCB for Connectivity. Manual monitored ambient air quality data (µg/m3) for the period Oct-21 to Mar-22 mention below in table:

Month	Near Mine Office					Near Ravana Office					3 to10 Meter Distance From Drilling Operation				Near loading point			
	PM10	PM 2.5	SO_2	NOx	CO	PM10	PM 2.5	SO_2	NOx	CO	SPM	SO_2	NOx	CO	SPM	SO_2	NOx	CO
Oct'21	30.8	21.8	10.6	15.0	607	39	32.7	12.8	19.1	664	323	16.1	22.9	784	369	21.5	24.5	727
Nov21	33.1	24.2	12.2	16.4	653	41	34.0	14.8	21.7	704	407	21.2	27.9	515	333	18.7	22.2	498
Dec'21	40.6	29.0	12.0	24.4	550	53	31.5	16.1	24.0	739	417	18.2	26.1	745	370	14.7	27.4	670

Jan'22	38.8	24.3	14	18.1	573	46.1	31.8	17	21.0	613	442	15.2	25.7	699	390	18.1	27.9	905
Feb'22	44.2	33.5	17	26	693	52.2	41.8	15	25.7	613	439	34.4	41.5	865	402	30.1	39.1	808
Mrc'22	36.7	21.5	13	22	618	43.2	26.2	18	23.5	658	332	10.8	11.4	538	356	18	15.7	561
AVG	33.1	24.2	12.2	16.4	653	41	34.0	14.8	21.7	704	407	21.2	27.9	515	333	18.7	22.2	498

Ambient air quality monitoring report of core & buffer zone by NABL accredited lab enclosed as **Annexure-5.**

(10)	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc) shall be carried out in areas prone to air pollution where in high levels of PM10 and PM 2.5 are evident such as haul road, loading and unloading point and transfer points the fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system it shall be ensured that air pollution level confirm to the standards prescribed by the MoEFCC/ central pollution Board.	**Complying with,** Regular water sprinkling is being done on loading, unloading point, transfer point as well as the haul roads to prevent the dust becoming air borne during transportation movement of vehicles. Wet drilling & control blasting system implemented. We are exploring the possibility of water soluble chemical for dust suppression. The periodical fugitive emission monitoring is being carried out, monitoring report of fugitive emission (Oct-21 to Mar-22) enclosed as **Annexure-6.**
III	**Water Quality Monitoring & Preservation**	
(11)	In case, immediate mining scheme envisages intersection of ground water table then environmental clearance shall become operational only after receiving formal clearance from GGWA. Increase mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.	**Complying with.** Water table is not intersecting due to mining activities. The detail of the elevation, ground water table and working level is given below: -

SNo	Particulars	Levels (MSL)	BGL (m)
1.	Highest Elevation	427	--
2.	Lowest Elevation	438	--
3.	General Ground Level	430	--
4.	Water Table (Pre-Monsoon)	367	60
5.	Water Table (Post-Monsoon)	397	33
6.	Ultimate Pit Limit	374	56
7.	Present working depth pit 1	437-397.70	0-33
8.	Present working depth pit 2	436.0-405.77	0-25

Source: - As per approved Modified Mining Plan with PMCP dated 03.01.2019.

(12)	Project proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing's wells as well as new piezo meter installations during the mining operation in consultation with central ground water authority / state ground water department. the	**Complying with.** Regular monitoring of ground water level and quality are being carried out in and around the mining lease area as per the Environment Management Plan of approved Mining plan by establishing a network of existing wells. We have installed 3 nos. of piezometer holes for periodic & one DWLR (Digital water level Recorder) with telemetry system for online monitoring of ground water level.

	report on changes in ground water level and quality shall be submitted on six-month basis to the regional office of the ministry CGWA and state ground water department / state pollution control board.	**Screen shot of DWLR live data**
(13)	The project proponent shall undertake regular monitoring of natural water /course /water resources /springs and perennial nallahs existing/flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within in the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. it shall be ensured that no obstruction and /or alteration be made to water bodies during mining operation without justification and prior approval of MoEFCC. The monitoring of water courses / bodies existing in the lease area shall be carried out four times in a year viz. pre –monsoon (April-May), monsoon (august) post monsoon {November} and winter (January) and the record of monitored data may he sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.	**Not applicable.** There are no natural water course and / or water resources are obstructed due to any mining operation. Mine pit water and tube well quality are being tested by NABL lab in Monsson, post monsoon, winter & summer season and report are being submitted to the MOEFCC, CPCB, RPCB & CGWA. The winter season water quality report is enclosed as **Annexure-7.**
(14)	Quality of polluted water generated from mining operations which include Chemical Oxygen demand (COD) in mines run-off; acid mine drainage and metal contamination in run-off shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at	**Complying with,** As per the said MOEFCC notification, Mine Key parameter data has been uploaded at www.jkcement.com as well as displayed at mine office.

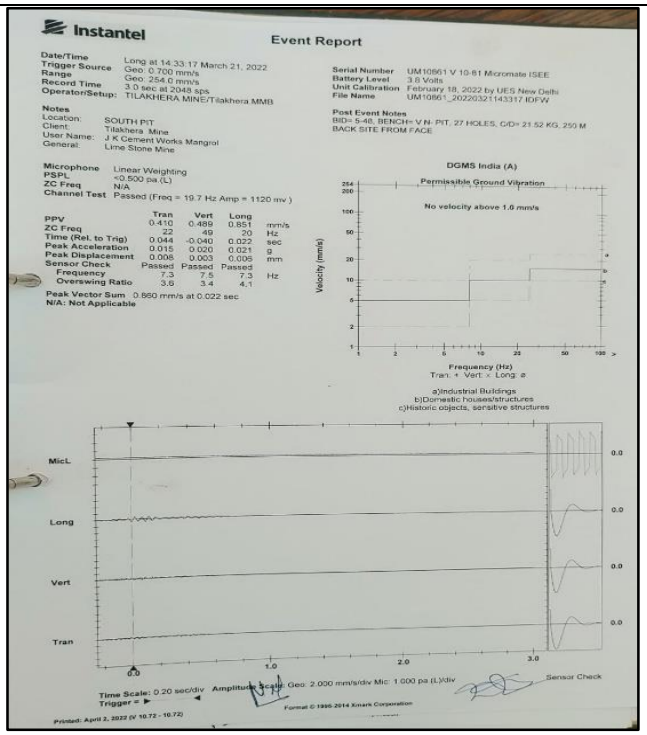
	a suitable Location near the main gate of the Company. The circular No.J- 20012/1/2006-IA.II{M) dated 27.05.2009 Issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.	
(15)	Project proponent shall plan, develop and implement rainwater harvesting measured on a long term basis to augment ground water resources in the area in consultation with central ground water board / state ground water department. A report on amount of water recharged needs to be submitted to regional office MoEFCC annually.	**Complied with.** To augment the water resources, rain water harvesting is done through mine pit, water stored in lower most benches and one recharge well has constructed. Rain Water Harvesting through Mine Pit-1 (North Pit) Rain Water Harvesting through Mine Pit-2 (South Pit)
(16)	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. the standards shall be prescribed through consent to operate (CTO) issued by concerned state pollution control board (SPCB)the workshop effluent shall be treated after this initial passage through oil and grease tap.	**Not applicable.** • There is no waste water generation from the Limestone mining operation. • There no workshop in mines.
(17)	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the regional office of the MoEF&CC and state pollution Board/committee.	**Complying with**, Water audit has been carried out by National Productivity Council, New Delhi, a copy of same is enclosed as **Annexure-8.**
IV	**Noise and Vibration Monitoring & Preservation**	
(18)	The peak particle velocity at 500m distance or within the nearest	**Complying with,**

	habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	Control Blasting operation is being carried out in day time only. Use of Sequential blasting machine (SBM), Delay detonator, Non-Electric detonator for blasting and to mitigate vibration. Water injection system on wagon drill has been provided which suppresses dust at its source of generation. Vibration monitoring data of period Oct-21 to Mar-22 mention below: (Safe ppv level is 10 mm/sec)

DATE	LOCATON OF BLASTING	APPROX . DISTANCE	NO OF HOLES	MAX.CHARGE PER DELAY (KGS.)	PPV MM/SEC
05.10.2021	BENCH=IN,BID=5--54	150M FROM FACE	12	13.12	1.69
12.10.2021	BENCH=IN,BID=5--58	150M FROM FACE	8	14.63	2.409
14.10.2021	BENCH=IN,BID=5--59	150M FROM FACE	9	16.79	2.259
25.10.2021	BENCH=IIN,BID=7--81	150M FROM FACE	13	20.25	3.569
09.11.2021	BENCH=IIIN,BID=7--91	150M FROM FACE	7	21.68	4.046
16.11.2021	BENCH=IVN,BID=8--111	150M FROM FACE	11	21.11	3.215
22.11.2021	BENCH=IIN,BID=8--120	150M FROM FACE	6	21.08	2.345
26.11.2021	BENCH=IIN,BID=8--122	150M FROM FACE	6	17.29	1.455
28.11.2021	BENCH=IN,BID=8--125	150M FROM FACE	10	17.63	1.409
04.12.2022	BENCH=IIN,BID=8--132	150M FROM FACE	13	21.40	3.32
20.12.2021	BENCH=IVN,BID=8--140	150M FROM FACE	10	20.25	1.317
21.12.2021	BENCH=IVN,BID=9--38	150M FROM FACE	9	19.14	1.383
16.1.2022	BENCH=VN,BID=8--172	150M FROM FACE	7	21.43	1.182
05.02.2022	BENCH=IN,BID=10--13	150M FROM FACE	7	18.14	1.387
07.02.2022	BENCH=IIN,BID=9--72	150M FROM FACE	6	21.92	1.182
10.02.2022	BENCH=IIN,BID=8--202	150M FROM FACE	8	22.13	2.31
25.02.2022	BENCH=IVN,BID=9--90	150M FROM FACE	7	23.86	3.404
26.02.2022	BENCH=IVN,BID=9--92	150M FROM FACE	7	23.86	2.938
08.03.2022	BENCH=IVN,BID=10--40	150M FROM FACE	6	23.33	3.068
11.03.2022	BENCH=VN,BID=7--128	150M FROM FACE	9	13.89	1.543
15.03.2022	BENCH=VN,BID=8--211	150M FROM FACE	10	22.50	3.593
21.03.2022	BENCH=VN,BID=7--133	150M FROM FACE	15	21.67	1.13

Maximum peak partial velocity is 4.046 mm/sec at 150 mtr. In above period.

Vibration monitoring report



(19)	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. consequent sleeping disorders and stress may affect the health in the villages located close to mining operations .habitations have a right for darkness and minimal noise levels at night .PPs must ensure that the biological clock of the villages is not disturbed , by orienting the floodlights /masks away from the villages and keeping the noise levels well within the prescribed limits day/night hours.	**Complying With.** Blasting operation is being carried out in day time only. The illumination and Noise level is being monitored and results are well within the limit. Ambient noise level data in dB(A) of period Oct-21 to Mar-22 mention below in Table:

Month	Near Mines Gate		Near Ravana Office	
	DAY	NIGHT	DAY	NIGHT
Oct-21	56.4	42.1	62.4	53.7
Nov-21	52.3	39.1	59.3	51.6
Dec-21	50.7	43.9	55.4	49.9
Jan-22	54.6	35.6	59.2	47.8
Feb-22	58.4	40.4	65.3	44.4
Mar-22	52.3	37.9	55.8	46.1

Ambient noise level monitoring report carried out by NABL accredited lab enclosed as **Annexure-9.**

(20)	The project proponent shall take measures for control of noise levels below 85 dBA in the work environment the workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs. All personnel including labours working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health	**Complying with,** Regular maintenance (including cabin) of HEMM being done to keep noise level within the specified limits. Workers engaged in operation of HEMM etc. are provided withear plugs. Onsite tool talk is being provided on daily basis and periodical training given to all employee & workmen.

	aspects. the PP shall be held responsible in case it has been found that workers/ personals / labours are working without personal protective equipment.	
V	**Mining Plan**	
(21)	The project proponent shall adhere to approved mining plan , inter alia including , total excavation (quantum of mineral , waste , over burden , inter burden and top soil etc.)mining technology lease area scope of working (method of mining ,overburden & dump management , OB & dump mining , mineral transportation mode, ultimate depth of mining , concurrent reclamation and reclamation at mine closure ;land –use of the mine lease area at various stages of mining scheme as well as at the end of life ; etc.)	**Complying with.** The mineral, OB, waste, soil etc. are being handled as per approved mining plan. • Subgrade generated during FY 2021-22 was 520146 MT • Top Soil generated during FY 2021-22 was 8520 MT • OB Waste generated during FY 2021-22 was 25102 MT
(22)	The shall be governed as per the approved mining plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. the compliance status shall be submitted half-yearly to the MoEFCC and its concerned regional office.	**Complying with.** As per approved mining plan there are no back filling is proposed.
VI	**Land Reclamation**	
(23)	The overburden (OB) waste and top soil generated during the mining operations shall be stacked at earmarked OB dump sites (S) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height , width and angle of slope shall be governed as per the approved mining plan and the guideline /circulars issued by D.G.M.S. the topsoil shall be used for land reclamation and plantation.	**Complying with.** The top soil is being used for the plantation purpose. The excavated area will be used as water reservoir in 52.879 Ha. at conceptual stage, no backfilling is proposed.
(24)	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability prevent erosion and surface run-off. the selection of local species regulates local	**Complying with.** Presently OB dumps are active, vegetation and geo textile will be done after the dump are inactive or dead.

<table>
<tr><td></td><td>climatic parameters and help in adaption of plant species to the microclimate. the gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. the dump mass should be consolidated with the help of dozer / compactors there by ensuring proper filling / levelling of dump mass. in critical areas use of geo textiles/ geo membranes /clay liners / bentonite etc. shall be undertaken for stabilization of the dump.</td><td>Garland drains with siltation pond has been provided all around the dump.</td></tr>
<tr><td>(25)</td><td>Catch drains settling tanks and siltation ponds of appropriate size shall be constructed around the mine working minerals yards and top soil/OB waste dumps to prevent run off water and flow of sediments directly into the water bodies (Nallahs/river/pond etc.) the collected water should be utilized for watering the mine area roads green belt development plantation etc. The drains sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon seasons and maintained properly.</td><td>Complied with.

To collect run off water from subgrade dump and waste dump, garland drain &siltation pit has been constructed. Details are given below: -

<table><tr><th>Garland Drain</th><th>Dimensions</th></tr><tr><td>East of Subgrade and waste dump</td><td>Length – 1015m
Width – 1.0 m
Depth -- 1.0 m</td></tr></table>
Siltation pond is being cleaned every year before monsoon.</td></tr>
<tr><td>(26)</td><td>Checks dams of appropriate size gradient and length shall be constructed around mine pit and OB dumps to prevent storm runoff and sediment flow into adjoining water bodies. A safety margin of 50 % shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data)and maximum discharge in the mine and its adjoining area which shall also help in providing retention time period thereby allowing proper settling of sediments/silt material the sedimentation pits/ sumps shall be constructed at the corners of the garland drains.</td><td>Complying with.

Total available rainwater in single day (considering maximum 50 mm rainfall)

Subgrade dump & waste dump (area) X rainfall (m) X Runoff coefficient (20%)

218030 M^2 X 0.05 M X 0.20 = 2180.3 M^3 and considering 50% safety margin thentotal capacity of siltation pond is 4360.6 m^3.
Total rain water collection capacity of siltation pit requires = 4360.6 m3
Constructed three siltation pit with dimension as given below: -
<table><tr><th>Sr. No.</th><th>Length (M)</th><th>Width (M)</th><th>Depth (M)</th><th>Capacity (M^3)</th></tr><tr><td>1</td><td>19</td><td>18</td><td>3</td><td>1026</td></tr><tr><td>2.</td><td>22</td><td>20</td><td>3</td><td>1320</td></tr><tr><td>3.</td><td>27</td><td>25</td><td>3</td><td>2025</td></tr><tr><td colspan="4"></td><td>Total</td><td>4371</td></tr></table>The storm water is being collected to garland drain from the periphery of the subgrade and the waste dump area routed to siltation pond.</td></tr>
<tr><td>III</td><td>Transportation</td><td></td></tr>
<tr><td>(27)</td><td>No transportation of the minerals shall be allowed in case of roads passing through villagers/ habitations in such cases PP shall construct a ‘bypass’ road for the purpose of transportation of the minerals leaving an adequate gap (say</td><td>Complying with.

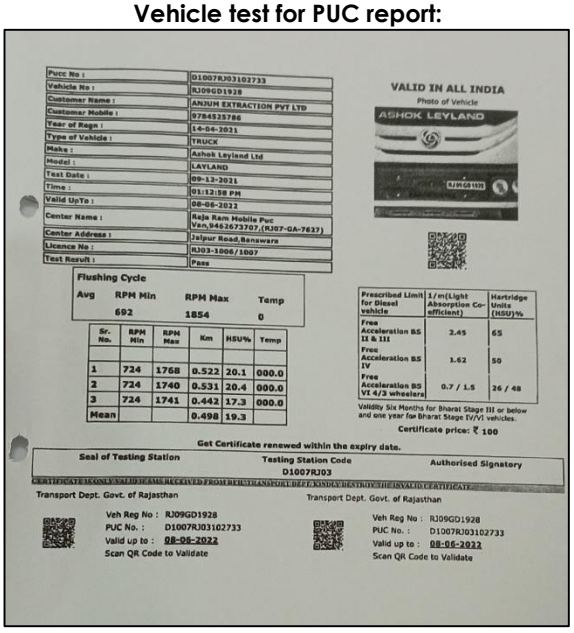
Mineral is being transported by own CC road.

Periodical vehicle emission monitoring are being carried out, the details are given below.</td></tr>
</table>

at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. all cost resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal state govt. department. transportation of minerals through road movement in case of existing village / rural roads shall be allowed in consultation with nodal state govt. department only after required strengthening such that carrying capacity of roads is increased to handle the traffic road. the pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. vehicular emissions shall be kept under control and regularly monitored. project should obtain pollution under control (PUC) certificate for all the vehicles from authorized pollution testing centres [if applicable in case of road transport]

Type of Machine	Tipper No.	PUC Limit	Average PUC Limit as per test report	Date of Testing	Valid upto
Tipper	RJ-09GD-2428	< 65 %	Not available / Newly adeed Tipper		
Tipper	RJ-09GD-1928	< 65 %	19.30%	9/12/2021	8/6/2022
Tipper	RJ-09GD-1931	< 65 %	21.00%	9/12/2021	8/6/2022
Tipper	RJ-09GD-0896	< 65 %	19.10%	8/12/2021	7/6/2022
Tipper	RJ-09GD-0895	< 65 %	20.10%	8/12/2021	7/6/2022
Tipper	RJ-09GD-0894	< 65 %	21.60%	8/12/2021	7/6/2022
Tipper	RJ-09GC-9198	< 65 %	20.40%	9/12/2021	8/6/2022
Tipper	RJ-09GC-9153	< 65 %	22.20%	8/12/2021	7/6/2022
Tipper	RJ-09GC-9152	< 65 %	21.30%	8/12/2021	7/6/2022
Tipper	RJ-09GC-9155	< 65 %	21.00%	7/12/2021	6/6/2022
Tipper	RJ-09GC-9156	< 65 %	23.20%	8/12/2021	7/6/2022
Tipper	RJ-09GC-0028	< 65 %	19.30%	7/12/2021	6/6/2022
Tipper	RJ-09GB-9928	< 65 %	20.00%	4/12/2021	3/6/2022
Tipper	RJ-09GC-0228	< 65 %	21.50%	7/12/2021	6/6/2022
Tipper	RJ-09GC-0128	< 65 %	20.70%	7/12/2021	6/6/2022
Tipper	RJ-09-GD-3528	< 65 %	Not available / Newly added Tipper		
Tipper	RJ09GD2628	< 65 %	Not available / Newly added Tipper		
Tipper	RJ09GC-2228	< 65 %	20.20%	12/19/2021	6/18/2022
Tipper	RJ-09-GC-2128	< 65 %	19.30%	12/19/2021	6/18/2022
Tipper	RJ-06GC-8723	< 65 %	20.40%	12/15/2021	12/14/2022

Vehicle test for PUC report:



Pucc No :	D1007RJ03102733
Vehicle No :	RJ09GD1928
Customer Name :	ANJUM EXTRACTION PVT LTD
Customer Mobile :	9784525786
Year of Regn :	14-06-2021
Type of Vehicle :	TRUCK
Make :	Ashok Leyland Ltd
Model :	LAYLAND
Test Date :	09-12-2021
Time :	01:12:58 PM
Valid UpTo :	08-06-2022
Center Name :	Baja Ram Mobile Puc Van,9462673707,(RJ07-GA-7637)
Center Address :	Jaipur Road,Banswara
Licence No :	RJ03-1006/1007
Test Result :	Pass

VALID IN ALL INDIA

Photo of Vehicle

Flushing Cycle

Avg	RPM Min	RPM Max	Temp
	692	1854	0

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	724	1768	0.522	20.1	000.0
2	724	1740	0.531	20.4	000.0
3	724	1741	0.442	17.3	000.0
Mean			0.498	19.3	

Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/2 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station | Testing Station Code D1007RJ03 | Authorised Signatory

CERTIFICATE IS ONLY VALID IF SAME RECEIVED FROM REPUTEANSPORT DEPT.KINDLY DESTROY THE INVALID CERTIFICATE

Transport Dept. Govt. of Rajasthan

Veh Reg No : RJ09GD1928
PUC No. : D1007RJ03102733
Valid up to : 08-06-2022
Scan QR Code to Validate

Transport Dept. Govt. of Rajasthan

Veh Reg No : RJ09GD1928
PUC No. : D1007RJ03102733
Valid up to : 08-06-2022
Scan QR Code to Validate

(28)	The main haulage road within the mine lease should be provided with a permanent water sprinkling	**Complying with,** Tanker-mounted water sprinkling system has provided for control of fugitive dust emission & regular water sprinkling

	arrangement for dust suppression. other roads with in the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provide with dust suppression arrangements the air pollution control equipment's like bag filter, vacuum suction hoods, dry fogging system etc. shall be installed at crusher belt-conveyors and other areas prone to air pollution. the belt transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.	carried out on loading unloading point, transfer point as well as the haul roads to prevent the dust becoming air borne during transportation movement of vehicles by water tanker. Fugitive emission monitoring also carried out regularly.
VIII	**Green Belt**	
(29)	The project proponent shall develop greenbelt in 7.5 m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. the whole green belt shall be developed with in first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the ministry irrespective of the stipulation made in approved mine plan.	**Complying with.** • Total Planation required in 15.0576 ha. • Plantation done till FY 2021-22 with 49692 nos. in 20.31 ha. • Total safety zone area (7.5m) is 1.95 ha. • Total Plantation done in safety zone till FY 2021-22 is 1.20 ha. With 4130 nos. of plants. • The balance area of safety zone plantation in 0.75 ha. Will be completed during FY 2022-23. Total plantation done in safety zone till FY 2021-22 is 13766 nos. including gap filling.
(30)	The project proponent shall carryout plantation /afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the state forest department / agriculture department/ rural development department / tribal welfare department/gram panchayat such that only those species be selected which are of use to the local people. the CPCB guidelines in this respect shall also be adhered the density of the trees should be around 2500 saplings per hectare. adequate budgetary shall be made for protection and care of tress.	**Complying with,** The is no back filling proposed, details of plantation as mentioned above.
(31)	The project proponent shall make necessary alternative arrangement for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease the development of such grazing land shall be done in consultation with	**Complying with.** Mining Lease was initially executed on 09.05.1978 and it was renewed (First renewal) from 09.05.1998. NOC from the Gram Panchayat will be obtained before the start of mining activities in that area. However, the acquiring is

	the state government. in this regard project proponent should essentially implement the directions of the Hon'ble supreme court with regard to acquisition of grazing land. the sparse trees on such grazing ground which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against feeling and plantation of such trees should be promoted.	under process. Till date no grazing land was required for any mining activities.
IX	**Public hearing & Human Health Issues**	
(32)	Project proponent shall make provisions for the housing for workers/labors or shall construct labors camps within/ outside (company owned land) with necessary basic infrastructure / facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care crèche for kids etc. the housing may be provided in the form of temporary structured which can be removed after the completion of the project related infrastructures. the domestic waste should be treated with STP in order to avoid contamination of underground water.	**Complied.** A separate residential colony has been developed, where all the basic amenities are available and STP has installed for sewage treatment.
X	**Corporate Environment Responsibility (CER)**	
(33)	The Project proponent shall submit the time-bound action plan to the concerned regional; office of the ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF & CC office memorandum No.22/65/201-IA.III dated 30 September,2020. The action plan shall be implemented within three years of commencement of the project.	**Complying with.** Public hearing commitment compliance status are given below;

S. No.	Activities	Action undertaken	Cost (lacs)	Capital investment year wise (in lacs)						
			capital	I year (21-22)	Work Completion Status	Cost expenditure (in Lacs)	II year	III Year	IV year	V Year
1	Control of dust emission generated due to Blasting & Transportation	▪Use of Controlled blasting technique. Noise & vibration are well within the prescribed norms. ▪Use of wet drilling ▪Water spray on haul roads ▪Avenue plantation	(Part of regular operation)	--			--	--	--	--

		▪The mine lease is overlapped with the plant area & no major traffic contribute due to the mine is traversing on the public road.								
2	Praise for the plantation in ML area & nearby area	▪Company will continue to do the same.	46.72	10.72			9	9	9	9
3	SHG groups are appreciated for skill development plan	▪Company will continue the skill development plans such as Beauty parlor, sewing programmes, etc..	0	--	Completed	5	--	--	--	--
4	Education for farmers	▪Company will arrange the visit of agricultural expert	0	8	On going	0	--	--	--	--
5	Drinking Water supply to the villagers	▪ Company will supply Drinking Water tankers to the villagers	0	7.6	Completed	4	--	--	--	--
6	Regular Health & Medical facility	•Company will provide the mobile medical facilities with free of cost medicines.	0	3	Completed	4	--	--	--	--
7	Praise for Eduction in JK ITI College & for Scholarship	•Company will continue the efforts for improving the educational status of the area.	0	4	Completed	2	--	--	--	--
TOTAL			**46.72**	**33.32**		**15**	**9**	**9**	**9**	**9**

XI	**Miscellaneous**	
(34)	The project proponent shall prepare digital map (land use & land cover) of the entire lease area once in 5 years purpose of monitoring land use pattern and submit a report to concerned regional office of the MoEF & CC .	**Complying with.** The last digital land use map has been submitted vide letter no. MGR/PC-14/C-11/5391 on 30/11/2022 and further report will be submitted in due period.
(35)	The project authorities should inform to the regional office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	**Complying with.** The total project cost is Rs. 29.25 cr. after expansion.
(36)	The project proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned regional office , central pollution control board and state pollution control board.	**Complying with.** We are periodically submitting the six monthly EC compliance report to concern authority. The pervious report submitted on 29.05.2021.
(37)	A separate environmental management cell with suitable qualified manpower should be set up under the control of a senior executive. The senior executive shall directly report to head of the organization. Adequate number of qualified environmental scientist and mining engineers shall be appointed and submit a report to RO, MoEFCC.	**Complied with.** A separate environmental management cell has been established with qualified personnel & has sufficient monitoring equipment in environmental laboratory.

(38)	The concerned regional office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officers by furnishing the requisite data/ information / monitoring reports.	Agreed & noted
(39)	In pursuant to ministry's O.M. No. 22/34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble supreme court on 08.01.2020 in W.P.(civil) No.114/2014 in the matter common cause vs union of India the mining lease holder shall after ceasing mining operations undertake re-grassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder , flora, fauna etc.	Agreed. After end of mining life, regressing will be done as per the approved progressive mine closure plan.
(40)	The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agreed & noted
(41)	Concealing factual data or submission of false /fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attracts action under the provisions of environment (protection)Act, 1986.	Agreed & noted
19.	The above conditions will be enforced iner-alia , under the provisions of the water (prevention & control of pollution) Act, 1974, the air (prevention & control of pollution)Act, 1981, the environment (protection) act , 1986 and the public liability insurance act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble supreme court of India/High court and any other court of law relating to the subject matter.	Agreed & noted
20.	Any appeal against this environmental clearance shall lie with the national green tribunal, if preferred within a period of 30 days as prescribed under section 16 of the national green tribunal Act, 2010.	Agreed & noted

21.	This issues with the approval of competent authority.	Agreed & noted

घर-घर औषधि योजना

राजस्थान सरकार

कार्यालय उप वन संरक्षक, चित्तौड़गढ़ (राज.)

(वन विभाग परिसर, प्रताप सर्किल, चित्तौड़गढ़-312001;Ph&Fax :01472-294001 ;email : dcf.chitor.forest@rajasthan.gov.in)

क्रमांक :– एफ ( )सर्वे/उवस/2021–22/4089 दिनांक :–13.7.2021

निमित्त,

संभागीय मुख्य वन संरक्षक,
उदयपुर

विषय :– Request for approval of combined Wildlife Conservation Plan for Six Scheduled-I species Viz. Indian peafowl (Pavo cristatus) & Panther (Panthera pardus fusca), Rusty-spotted cat (Prionailurus rubiginosus), Indian wolf (Cains lupus pallipes) Indian Monitor Lizard (Varanus bengalensis) and Indian Vulture (Gyps indicus/gyps bengaliensis) proposed by J.K. Cement Works(J.K. Cement, Nimbahera, J.K. Mangrol Cement plant, Ahirpura Limestone Mine, Karunda Limestone Mine, Maliakhera Limestone Mine, Mangrol Kimestone mine and Mangrol- Tilakhera Limestone Mine) Tehsil- Nimbahera, Dist- Chittorgarh (Rajasthan).

प्रसंग :– प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, अरण्य भवन, झालाना संस्थानिक क्षेत्र, राजस्थान, जयपुर का पत्र क्रमांक एफ.11(419) विकास–II/मुवजीप्र/2020–21/4–6 दिनांक 4.1.2021 एवं आपका पत्र क्रमांक 484 दिनांक 19.1.2021 एवं 1793 दिनांक 17.3.2021 व J.K. Cement Works, (J.K. Cement, Nimbahera) का पत्र क्रमांक – दिनांक 29.6.2021 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है, कि प्रासंगिक पत्र द्वारा Wildlife Conservation Plan में लगाए गए आक्षेपो की पूर्ति की जाकर निम्नानुसार प्रेषित है :–

क्र.सं.	आक्षेप	प्रत्युत्तर
1	पर्यावरण एवं जलवायु परिवर्तन मंत्रालय केन्द्र सरकार/ राज्य सरकार द्वारा जारी ToR पत्र की प्रति संलग्न कर प्रस्तुत करें।	प्रयोक्ता एजेन्सी द्वारा ToR की प्रतियां संलग्न कर दी गई है।
2	एनेक्सचर–1 के बिन्दु संख्या 1 से 14 तक पूर्ण रूप से भरकर उप वन संरक्षक द्वारा प्रमाणित कराया जावें एवं इस के बिन्दु संख्या–9 में वित्तीय प्रावधान फोरमुला–1 व फोरमुला–2 के अनुसार गणना कर जो भी अधिकतम परियोजना लागत दर्शायी जावें।	एनेक्सचर–1 के बिन्दु संख्या 1 से 14 तक पूर्ण रूप से भरकर उप वन संरक्षक द्वारा प्रमाणित कर दिया गया है एवं इस के बिन्दु संख्या–9 में वित्तीय प्रावधान फोरमुला–1 व फोरमुला–2 के अनुसार गणना कर ली गई है तथा अधिकतम परियोजना लागत दर्शायी जा चुकी है।
3	इस कार्यालय द्वारा जारी दिशा निर्देशों दिनांक 24.5.2019 के अनुसार WCP के 20% धनराशि RPACS के खाता संख्या 61087162999 IFSC Code SBIN0031510 में जमा कर प्राप्ति रसीद इस कार्यालय को प्रस्तुत करें।	प्रयोक्ता एजेन्सी द्वारा चैक संख्या 00245671 राशि 57,07,000/– RPACS के खाता संख्या 61087162999 में जमा करवा दी गई है।

4	आवेदित खनन पट्टा क्षेत्र से 10 कि.मी. परिधि के दायरे में वन्यजीव/टाईगर रिजर्व या सेन्चूरी नहीं होने का पत्र उप वन संरक्षक, चित्तौड़गढ़ के द्वारा जारी कर WCP में संलग्न करें।	आवेदित खनन पट्टा क्षेत्र से 10 कि. मी. परिधि के दायरे में वन्यजीव/ टाईगर रिजर्व या सेन्चूरी नहीं होने का प्रमाण पत्र उप वन संरक्षक, वन्यजीव चित्तौड़गढ़ के पत्र क्रमांक 2909 दिनांक 22.4.2021 प्रेषित किया गया हैं प्रति संलग्न है।

संलग्न :– उपरोक्तानुसार

भवदीय

(सुगना राम जाट)
उप वन संरक्षक,
चित्तौड़गढ़

क्रमांक :– एफ ( )सर्वे/उवस/2021–22/4090-91
दिनांक :–13.7.2021

प्रतिलिपि :–

1. प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, अरण्य भवन, झालाना संस्थानिक क्षेत्र, राजस्थान, जयपुर।
2. Unit Head, J.K. Cement Works, (J.K. Cement, Nimbahera)

(सुगना राम जाट)
उप वन संरक्षक,
चित्तौड़गढ़

O/C

JK Cement LTD.

Phone : +91-1477-220098, 220087
Fax : +91-1477-220027, 220049
E-mail : jkc.nbh@jkcement.com
Web : www.jkcement.com

J.K. Cement Works
Kailash Nagar - 312617, Nimbahera
Distt. Chittorgarh (Raj.) INDIA

CIN : L17229UP1994PLC017199

ISO 9001:2015 I ISO 14001:2015 I ISO 45001:2018 I ISO 50001:2018 CERTIFIED COMPANY

NBH/PC/C-FO/21/ **Date: 29.06.2021**

To,
The Divisional Forest Officer
Chittorgarh, Rajasthan

Sub.; Regarding submission of desired documents sought by DFO, Chittorgarh for approval of combined Wildlife Conservation Plan for six Schedule-I species Viz. Indian Peafowl (*Pavo cristatus*), Panther (*Panthera pardus fusca*), Rusty Spotted Cat (*Prionailurus rubiginosus*), Indian Wolf (*Canis lupus pallipesl*) Indian Monitor lizard (*Varanus bengalensis*) and Indian vulture (*Gyps indicus/ bengalensis*) for M/s J.K.Cement Works-Nimbahera, J K Cement Works-Mangrol, Nimbahera-Ahirpura Limestone Mine (ML No.02/1997), Karunda Limestone Mine (ML No.03/2003), Maliakhera Limestone Mine (ML No.04/2003), Mangrol-Tilakhera Limestone Mine (ML No.07/1997) and Mangrol Limestone Mine (ML No.26/2008) in Tehsil Nimbahera, District - Chittorgarh, Rajasthan.

Reference: 1.DFO letter no.F () Survey/DFO/2021-22/3252, Chittorgarh, Dated 10.06.2021.
2.PCCF Letter No. F.11(419) DEV-II/ PCCF -CWLW/2020-21/4, Jaipur, Dated 04.01.2021.

Respected Sir,

Kindly refer to the above subject matter and referred letter, we are enclosing herewith pointwise reply as under: -

Point No.1: Submission of TOR letters granted by the Ministry of Environment, Forest and Climate Change, Govt of India.
Compliance: Copy of TOR Letters of above projects granted by MOEF &CC has been submitted vide letter no. NBH/PC/C/EC/112020-21, dated 21/01/2021.

Point No.2: Submission of duly filled annexure-1 from point no 1 to 14 & calculation of financial outlay in point no.9 as per the formula-1 & 2 and dully authenticated by DFO.

Compliance: Dully filled Annexure-I (Sr. No. 1 to 14) has been submitted with financial outlay according to formula 1 and 2. Financial outlay of formula-2 is enclosed herewith for Rs. 285.35 lakh in Annexure-1 as mention in letter received from your office dated 10.06.2021.

JK Cement LTD.

Phone : +91-1477-220098, 220087
Fax : +91-1477-220027, 220049
E-mail : jkc.nbh@jkcement.com
Web : www.jkcement.com

J.K. Cement Works
Kailash Nagar - 312617, Nimbahera
Distt. Chittorgarh (Raj.) INDIA

CIN : L17229UP1994PLC017199

ISO 9001:2015 I ISO 14001:2015 I ISO 45001:2018 I ISO 50001:2018 CERTIFIED COMPANY

Point No.3: Deposition of 20% amount of WCP as per the CWLW guidelines dated 24th May 2019 and submit the receipt.

Compliance: Receipt of amount 57.07 Lakh deposited into account of RPACS on dated 28.06.2021, Jaipur, (20% of 285.35 Lakh, approved cost of Wilf life conservation plan) enclosed as Annexure-2.

Point No.4: Submission of certificate from the DFO Chittorgarh for non-existence of Wildlife Sanctuary /Tiger Reserve or sanctuary within the 10 Km radius of the Projects.

Compliance: A copy of NOC for no Wildlife Sanctuary/ Tiger Reserve or Sanctuary present in the 10 Km radius of the above project issued by DFO Chittorgarh, enclosed as Annexure-3.

Thanking You,

Yours Faithfully,
J.K. Cement Works, Nimbahera

R.B.M. TRIPATHI
UNIT HEAD
J. K. Cement Works
Nimbahera, Mangrol (Raj.)

R.B.M. Tripathi
(President(O)& Unit Head)

Enclosed as above
Copy to: The Principal Chief Conservator of Forests,
Chief Wildlife Warden (CWLW), Jaipur, Rajasthan

1-07-2021

कार्यालय उप वन संरक्षक
2074
5.7.2021
चित्तौड़गढ़ (राज.)

राजस्थान सरकार

कार्यालय उप वन संरक्षक, चित्तौड़गढ़ (राज.)

(वन विभाग परिसर, प्रताप सर्किल, चित्तौड़गढ़-312001;Ph&Fax :01472-294001 ;email : dcf.chitor.forest@rajasthan.gov.in)

क्रमांक :– एफ ( )सर्वे/उवस/2021–22/ 3252 दिनांक :– 10.6.2021

निमित्त,

Unit Head,
J.K. Cement Works,
(J.K. Cement, Nimbahera)

विषय :– Request for approval of combined Wildlife Conservation Plan for Six Scheduled-I species Viz. Indian peafowl (Pavo cristatus) & Panther (Panthera pardus fusca), Rusty-spotted cat (Prionailurus rubiginosus), Indian wolf (Cains lupus pallipes) Indian Monitor Lizard (Varanus bengalensis) and Indian Vulture (Gyps indicus/gyps bengaliensis) proposed by J.K. Cement Works(J.K. Cement, Nimbahera, J.K. Mangrol Cement plant, Ahirpura Limestone Mine, Karunda Limestone Mine, Maliakhera Limestone Mine, Mangrol Kimestone mine and Mangrol- Tilakhera Limestone Mine) Tehsil- Nimbahera, Dist- Chittorgarh (Rajasthan).

प्रसंग :– प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, अरण्य भवन, झालाना संस्थानिक क्षेत्र, राजस्थान, जयपुर का पत्र क्रमांक एफ.11(419) विकास–II/मुवजीप्र/2020–21/4–6 दिनांक 4.1.2021 एवं आपका पत्र क्रमांक 484 दिनांक 19.1.2021 एवं 1793 दिनांक 17.3.2021 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत लेख है, कि प्रासंगिक पत्र द्वारा Wildlife Conservation Plan में लगाए गए आक्षेपो की पूर्ति हेतु आपको इस कार्यालय के पत्र क्रमांक 335 दिनांक 19.1.2021 से लिखा गया । आपके द्वारा दिनांक 21.1.2021 को प्रस्तुत प्रत्युत्तर का परिक्षण करने पर पाया गया कि आप द्वारा प्रेषित Wildlife Conservation Plan 285.35 लाख का प्रेषित किया गया है, किन्तु RPACS में राशि 13.07 लाख ही जमा करवाया जाना प्रस्तावित किया गया है।

अतः आप प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, राजस्थान जयपुर के प्रासंगिक पत्र के आक्षेप संख्या 3 अनुसार Wildlife Conservation Plan की पूर्ण लागत 285.35 लाख रू. का 20% राशि RPACS में जमा करवाया जाना सुनिश्चित करें। आपकी सुविधा हेतु खाता संख्या विवरण के लिए प्रांसगिक पत्र की छाया प्रति संलग्न प्रेषित है।

संलग्न :– उपरोक्तानुसार

(सुगना राम जाट)
उप वन संरक्षक,
चित्तौड़गढ़

कार्यालय प्रधान मुख्य वन संरक्षक एवं मुख्य वन्य जीव प्रतिपालक, अरण्य भवन, झालाना संस्थानिक क्षेत्र, राजस्थान, जयपुर

फोन नम्बर: 0141–2700151 ई–मेल: cwlw.raj@gmail.com

क्रमांक : एफ.11(419)विकास–II / मुवजीप्र / 2020–21 / 41 दिनांक : 4-01-2021

निमित्त,

सम्भागीय मुख्य वन संरक्षक,
उदयपुर।

विषय :– Request for approval of combined wildlife conservation plan for six scheduled I species Viz. Indian peafowl (Pavo Cristatus) and Panther (Panthera pardus fusca), Rusty-spotted cat (prionailurus rubiginosus. Indian wolf (Cains lupus pallipes) Indian Monitor Lizard (Varanus bengalensis) and Indian Vulture (gyps indicus/gyps bengaliensis) proposed by J.K. Cement works Nimbahera. J.K. Cement Works Mangrol Ahirpura Limestone Mine, Mangrol Limestone Mine and Mangrol-Tilakhera Limestone Mine) Tehsil-Nimbahera, District-Chittorgarh (Raj.).

संदर्भ:– उप वन संरक्षक(एफ.सी.ए.) कार्यालय प्रधान मुख्य वन संरक्षक (हॉफ) के पत्रांक 2967 एवं आपका पत्रांक 5002 दिनांक 24.09.2020 के क्रम मे।

महोदय,

विषयान्तर्गत संदर्भित पत्र के क्रम में लेख है कि इस कार्यालय के पत्रांक 6451–6483 दिनांक 24.05.2019 के अनुसार वाईल्डलाईफ कजर्वेशन प्लान मूल ही लौटाकर निम्नांकित आक्षेप की पूर्ति कर भिजवायें :–

1. पर्यावरण एवं जलवायु परिवर्तन मंत्रालय केन्द्र सरकार / राज्य सरकार द्वारा जारी ToR पत्र की प्रति संलग्न कर प्रस्तुत करें।
2. एनेक्सर–1 के बिन्दु संख्या 1 से 14 तक पूर्ण रूप से भरकर उप वन संरक्षक द्वारा प्रमाणित कराया जावें एवं इस के बिन्दु संख्या–9 में वित्तीय प्रावधान फोरमूला–1 व फोरमूला–2 के अनुसार गणना कर जो भी अधिकतम परियोजना लागत दर्शायी जावें।
3. इस कार्यालय द्वारा जारी दिशा निर्देशों दिनांक 24.05.2019 के अनुसार WCP के 20% धनराशि RPACS के खाता संख्या 61087162999 IFS Code SBIN0031510 में जमा कर प्राप्ति रसीद इस कार्यालय को प्रस्तुत करें।
4. आवेदित खनन पट्टा क्षेत्र से 10 कि.मी. परिधि के दायरे में वन्यजीव अभयारण्य / टाईगर रिजर्व या सेन्चुरी नही होने का पत्र उप वन संरक्षक, चित्तौडगढ के द्वारा जारी कर WCP में संलग्न करें।

उपरोक्तानुसार पालना के पश्चात् स्वीकृति जारी की जायेगी।

संलग्न :– उपरोक्तानुसार,
(मूल प्रस्ताव 2 प्रतियों में)

FCA 8/1/21

140 12/1/21

भवदीय,

(एम.एल. मीना)
प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक,
राजस्थान, जयपुर

क्रमांक : एफ.11(419)विकास–II / मुवजीप्र / 2020–21 / दिनांक :

प्रतिलिपि : निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :–

1. उप वन संरक्षक, चित्तौड़गढ़।
2. Unit Head M/s J.K. Cement works Nimbahera, District-Chittorgarh (Raj.).

प्रधान मुख्य वन संरक्षक
एवं मुख्य वन्यजीव प्रतिपालक,
राजस्थान, जयपुर

Financial outlay of WCP 285.35 Lakh for combined wildlife conservation plan for J.K. CEMENT WORKS NIMBAHERA, J.K. CEMENT WORKS MANGROL , NIMBAHERA- AHIRPURA LIMESTONE MINE, KARUNDA LIMESTONE MINE, MALIAKHERA LIMESTONE MINE, MANGROL LIMESTONE MINE AND MANGROL-TILAKHERA LIMESTONE MINE, YEAR 2021

S.No	Activities	Year Wise Fund Allocation (in Lakhs)										Total
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	
1	**Habitat improvement & mitigative measures (Food, Water, shelter, Movement etc) and measures to reduce/minimize the human-animal conflict (50% of total outlay of WCP = 142.67 lacs.)**											
1a	Plantation including maintenanace in forest area and buffer zone in consultation with DFO Chittorgarh suitable for peafowl and other birds	-	5	5	7	7	10	10	15	15	14.67	**88.67**
1b	Rejuvenation of existing water bodies in forest area	-	5	5	5	6	6	6	7	7	7	**45**
1.	**Awareness and extension (Forest staff will also be invited for various activities to ensure Participation)10 % of total outlay of WCP = 28.53 lacs)**											
2a	Provision of Awareness and educational programme for wildlife, biodiversity significance at school level, village level and Gram Panchayat level in consultation of forest department.	-	2	2	2	3	3	3	4	4	5.54	**28.53**
3	**Support for Forest Department for monitoring, rescue & rehabilitation of wildlife Veterinary care, animal health, rescue, tools and equipment etc. (10 % of total outlay of WCP = 28.53 lacs)**											
3a	Provision for necessary Veterinary medicine and rescue etc	-	2	2	2	3	3	3	4	4	5.54	**28.53**
4	**Contribution towards conservation of wildlife in Pas (to be deposited in RPACS) Wetland Development, Research & Monitoring – Wildlife, census of wildlife etc (10 % of total outlay of WCP = 28.53 lacs)**											
4a	Provision for Reseach and monitoring etc.	28.53	-	-	-	-	-	-	-	-	-	**28.53**
5	**Administration Cost for processing inspection etc (to be deposited in RPACS) (10 % of total outlay of WCP = 28.53 lacs)**											
5a	Administration Cost for processing inspection etc	28.53	-	-	-	-	-	-	-	-	-	**28.53**
6	**Miscellaneous including Eco-Development and capacity building (10 % of total outlay of WCP = 28.53 lacs)**											
6a	Miscellaneous including Eco-Development and capacity building	-	2	2	2	3	3	3	4	4	5.54	**28.53**
	TOTAL FOR WCP FOR TOR PROJECTS	**57.06**	**16**	**16**	**18**	**22**	**25**	**25**	**34**	**34**	**38.29**	**285.35**

ENKAY ENVIRO SERVICES PVT. LTD., JAIPUR

उप वन संरक्षक
चित्तौड़गढ़

JK Cement LTD

R.B.M. TRIPATHI
UNIT HEAD
J. K. Cement Works
Nimbahera, Rajasthan

ANNEXURE-2

M/s JK Cement Works Nimbahera,

Deposition of 20% amount of WCP as per the CWLW guidelines dated 24th May 2019, Details are under

Post Date	Remitter Branch	Description	Cheque No.	Debit Amount(Rs.)
28/06/2021	NIMBAHERA	CHQ TRANSFEPRINCIPAL CHIEF IDIBR52021062823940774	00245671	5707000.00

R.B.M. TRIPATHI
UNIT HEAD
J. K. Cement Works
Nimbahera, Mangrol (Raj.)

ANNEXURE 3

कार्यालय उप वन संरक्षक, वन्यजीव, चितौड़गढ़

Phone No. 01472-244915, E-mail ID – dcfwlchittorgarh@gmail.com

क्रमांक :एफ( ) सर्वे/उवसं/वजी/2020–21/ दिनांक:

निमित्

उप वन संरक्षक
चितौडगढ़

विषय :– **Request for approval of combined wildlife conservation plan for Scheduled-I species Viz, Indian Peafowl (Pavo cristatus) & Panther (Panthra Pardus fusca), Rusty-spetted cat (Prionailurus rubiginosus), Indian wolf (Cains lupus pallipes) Indian Monitor Lizard (Varanus bengalensis) and Indian vulture (Gyps indicus/gyps bengaliensis) proposed by J.K. Cement Works(J.K. Cement Nimbahera, J.K. Mangrol Cement Plant, Ahirpura Limestone Mine, Karunda Limestone Mine, Malikhera Limestone Mine, Mangrol Limestone Mine, Mangrol-Tilakhera Limestone Mine) Tehsil-Nimbahera, Dist-Chittorgarh (Rajasthan)**

प्रसंग :– आपका पत्र कमांक 2050 दिनांक 01.04.2021 के कम में।

महोदय,

उपरोक्त विषयान्तर्गत प्रासंगिक पत्र के कम में निवेदन हैं कि प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक राजस्थान जयपुर के पत्रांक एफ 11(419)विकास–II/मुवजीप्र/2020–21/5–6 दिनांक 4.1.2021 में उल्लेखित बिन्दु संख्या 4 अनुसार मैसर्स जे.के. सीमेन्ट वर्क्स के निम्नांकित खनन पट्टा एवं सीमेन्ट प्लान्ट इस कार्यालय अधिनस्थ आने वाले बस्सी एवं सीतामाता वन्यजीव अभयारण्य के 10 किमी. परिधि में स्थित नहीं है–

S. No.	M.L. No./ Plant name	Name of Lease/Plant
1	J.K. Cement Works-Nimbahera	J.K. Cement Works-Nimbahera
2	J K Cement Works- Mangrol	J K Cement Works- Mangrol
3	ML No. 02/1997	Ahirpura Limestone Mine
4	ML No. 03/2003	Karunda Limestone Mine
5	ML. No. 04/2003	Malikhera Limestone Mine
6	ML No. 07/1997	Mangrol-Tilakhera Limestone Mine
7	ML No. 26/2008	Mangrol Limestone Mine

भवदीय

(डॉ. टी. मोहनराज)
उप वन संरक्षक
वन्यजीव, चितौडगढ़

क्रमांक :एफ( ) सर्वे/उवसं/वजी/2020–21/ 2910 दिनांक : 22.04.2021

प्रतिलिपि : मैसर्स जे.के. सीमेन्ट वर्क्स,कैलाश नगर, निम्बाहेड़ा, जिला–चितौडगढ़ को सूचनार्थ प्रेषित है।

(डॉ. टी. मोहनराज)
उप वन संरक्षक
वन्यजीव, चितौडगढ़

UTR Number	IDIBR52021062823940774		
Value Date:	28/06/2021		
Amount	5707000.00	INR	
Related Ref.No:		Commission	0

Beneficiary Details

Beneficiary A/C: 61087162999

Benef. Name And Address:

PRINCIPAL CHIEF CONSERVATOR OF
FORESTS WILD LIFE

Remitting Customer Details

Account Number: 000000214115443 92

Remitter's Name And Address:

M/s. J K CEMENT LIMITED
J K CEMENT LTD
KAMLA TOWER
KANPUR Kanpur M Corp O

Beneficiary bank/branch

IFSC Code: SBIN0031510

Details of Payment:

RTGS

Sender's To Receiver Information

Error Code

Sender IFSC Code IDIB000N598

Close

Scanned with CamScanner

Annexure-2

राजस्थान सरकार
Government of Rajasthan
कार्यालय सहायक खनि अभियन्ता,खान एवं भू–विज्ञान विभाग निम्बाहेड़ा
Office of The Assistant Mining Engineer ,Department of Mines & Geology Nimbahera
खनिज भवन,वेलकम बोर्ड,निम्बाहेड़ा बाईपास चितौड़ रोड, निम्बाहेड़ा / Khanij Bhawan, Welcome Board, Nimbahera Bypass, Chittor Road, Nimbahera
Pin -312601 (Email: ame.nimbahera@rajasthan.gov.in)

क्रमांक : स.ख.अ. / निम्बा / सीसी.1 / एमएल. 7 / 1997 / दिनांक :25 / 02 / 2022

प्रमाण पत्र

प्रमाणित किया जाता है कि खनन पटटा एम.एल–7 / 1997 वास्ते खनिज लाईम स्टोन (सीमेन्टग्रेड) निकट ग्राम टिलाखेड़ा तहसील निम्बाहेड़ा जिला चित्तौड़गढ में क्षेत्रफल 299.200 हेक्टर सर्वश्री जे.के.सीमेन्ट वर्क्स कैलाश नगर निम्बाहेड़ा के पक्ष में स्वीकृत एवं प्रभावशील है। निदेशालय खान एवं भू–विज्ञान विभाग राजस्थन उदयपुर के पत्र क्रमांक निखाभू / प्रधान / निम्बा / सीसी–I / एम.एल –7 / 1997 / 701 दिनांक 21.02.2022 से पटटाधारी सर्वश्री जे.के. सीमेन्ट वर्क्स के विरूद्व शास्ती आरोपित करने के आदेश प्राप्त हुए है। प्रकरण की जांच करने पर वित्तीय वर्ष 1993–94 में खनिज लाईमस्टोन का उत्पादन 2.24 लाख टन वार्षिक किया था जो माननीय उच्चतम न्यायालय द्वारा रिट पिटीशन सिविल 114 /2014 मे पारित निर्णय दिनांक 02.08.2017 के अनुसार बेसीक उत्पादन था, जो आगामी वर्ष 2000 – 2001 से 2003–2004 तक उक्त बैसीक उत्पादन 2.24 लाख टन वार्षिक के अधीन प्रति वर्ष किया जाना था परन्तु खनिज लाईमस्टोन का बेसीक से अधिक उत्पादन किया जाने से एवं पर्यावरण क्लियरेन्स की क्षमता से अधिक उत्पादन किया जाने से पटटाधारी कम्पनी सर्वश्री जे.के.सीमेन्ट वर्क्स को शास्ती राशि रू.47,06,349.00 जमा कराने के लिए नोटिस क्रमांक सखअ / निम्बा / सीसी–I / एमएल.7 / 21997 / 57 दिनांक 23.02.2022 जारी किया गया। नोटिस की पालना में शास्ती राशि रू. 47,06,349.00 दिनांक 23.02.2022 को जीआरन नम्बर 59191861 से पटटाधारी कम्पनी द्वारा जमा करा कार्यालय को सूचित किया गया। इस प्रकार पटटाधारी कम्पनी सर्वश्री जे.के.सीमेन्ट वर्क्स द्वारा पर्यावरण वन एवं जलवायु परिवर्तन मन्त्रालय से जारी पर्यावरण अनुमति F.NO.J-11015/25/2011-IA.II(M) Date 03 March 2021 मे अंकित स्टेडर्ड कंडीशन 18(बी)3 **[The state Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgement of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.]** की पालना कर दी जाने से यह प्रमाण पत्र जारी किया जाता है।

(भँवरलाल लबाना)
सहायक खनि अभियन्ता
निम्बाहेड़ा

क्रमांक : स.ख.अ. / निम्बा / सीसी.1 / एमएल. 7 / 1997 / 66 दिनांक : 25 / 02 / 2022

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है:–

1. श्रीमान् निदेशक महोदय, खान एवं भू–विज्ञान विभाग राजस्थान उदयपुर को आपका पत्र क्रमांक निखाभू / प्रधान / निम्बा / सीसी–I / एम.एल –7 / 1997 / 701 दिनांक 21.02.2022 के सन्दर्भ में
2. श्रीमान् अधीक्षण खनि अभियन्ता,खान एवं भू–विज्ञान विभाग भीलवाड़ा–वृत,भीलवाड़ा
3. सर्वश्री जे.के.सीमेन्ट वर्क्स, कैलाश नगर, निम्बाहेड़ा

25.2.2022

(भँवरलाल लबबना)
सहायक खनि अभियन्ता
निम्बाहेड़ा

ANNEXURE-3

Phone : +91-1477-220098, 220087
Fax : +91-1477-220027, 220049
E-mail : jkc.mgrl@jkcement.com
Web : www.jkcement.com

J.K. Cement Works, Mangrol
C/o. Kailash Nagar-312617, Nimbahera
Distt. Chittorgarh (Raj.) INDIA

JK Cement LTD.

CIN : L17229UP1994PLC017199
ISO 9001:2015 I ISO 14001:2015 I ISO 45001:2018 I ISO 50001:2018 CERTIFIED COMPANY

MGR/PC/A/11-

Date: 04.03.2021

To,
The Regional Officer
Rajasthan State Pollution Control Board
Near FCI Godawn, Chanderiya
Chittorgarh (Rajasthan)

Sub: Regarding information for grant of Environmental Clearance for Mangrol –Tilakhera Limestone Mine (ML no. 07/97) at village Mangrol & Tilakhera, Tehsil Nimbahera, Dist. Chittorgarh (Rajasthan) by M/s J. K. Cement Ltd.

Dear Sir,
Kindly refer to the above subject matter, we hereby intend to environment clearance has been granted by the MoEF vide letter no. F. No. J-11015/25/2011-IA.II (M) dated 03.03.2021 for expansion of production capacity from 1.6 Million TPA to 2.4 Million TPA of Mangrol-Tilakhera Limestone Mine.

We hereby enclosing the copy of EC for your reference please.

Thanking you.
Yours faithfully,
For J. K. Cement Works, Mangrol

(S. K. Rathore)
President (Operations) & Unit Head

Received. 08.03.21 चित्तौड़गढ़

8/3/2021
प्रेषक लिपिक
जिला परिषद, चित्तौड़गढ़

Encl: As above.

Copy:
1. The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR - 302004 (RAJ).
2. The Regional Director, Regional Office (CR), Ministry of Environment, Forest & Climate Change, 5th Floor, Central Bhawan, Secter – H, Aliganj, Lucknow
3. The District Collector, District Office, Chittorgarh (Rajasthan)
4. The Zila Parishad, Distt.- Chittorgarh (Raj.)
5. The General Manger, District Industrial Center, Dist Chittorgarh.
6. The SDM, Sub Divisional Office, Tehsil: Nimbahera, Dist: Chittorgarh (Raj)
7. The Gram Panchayat, Arniya Joshi, Tehsil: Nimbahera, Dist: Chittorgarh (Raj)
8. The Panchayat Samiti, Tehsil: Nimbahera, Dist: Chittorgarh (Raj

Received 8/3/21
प्रेषक लिपिक
जिला उद्योग केन्द्र
चित्तौड़गढ़

2/3/21

Corporate & Registered Office : Kamla Tower, Kanpur-208001, (U. P.) INDIA
Phone : +91-512-2371478 to 81 **Fax :** 2399854 **E-mail :** ho.grey@jkcement.com

J. K. Cement Works, Nimbahera
J. K. Cement Works Mangrol
J. K. Cement Works, Gotan
J. K. Cement Works, Jharli
J. K. Power, Bamania
J. K. Cement Works, Muddapur
J. K. White Cement Works, Gotan
J. K. White, Katni

ANNEXURE-4 o/c

Phone : +91-1477-220098, 220087
Fax : +91-1477-220027, 220049
E-mail : jkc.mgrl@jkcement.com
Web : www.jkcement.com

JK Cement LTD.

J.K. Cement Works, Mangrol
C/o. Kailash Nagar-312617, Nimbahera
Distt. Chittorgarh (Raj.) INDIA

CIN : L17229UP1994PLC017199

ISO 9001:2015 I ISO 14001:2015 I ISO 45001:2018 I ISO 50001:2018 CERTIFIED COMPANY

MGR/PC/C/EC-M-TIL/11/ 756

Date: 15.03.2021

To,
The Member Secretary EAC (Non- Coal Mining)
Ministry of Environment, Forest & Climate Change
2nd floor, Prithvi Wing, Indira Paryavaran Bhawan,
Jor Bagh Road, Aliganj, **New Delhi- 110 003**

Sub: Compliance of EC condition of Mangrol-Tilakhera Limestone Mine (1.6 to 2.4 Million TPA) of M/s J. K. Cement Ltd.

Ref: EC no. J – 11015 / 25 / 2011 – IA.II (M) dated 03.03.2021

Dear Sir,

Kindly refer to the above EC letter, submitting herewith compliance status of standard Condition nos. (5 & 7).

- Copy of EC has been marked to the local concern authority (receipt enclosed).
- EC granted information published in two local newspapers i.e. Dainik Bhaskar & Rajasthan Patrika on 05.03.2021 (copy enclosed).

Thanking You.
Yours faithfully,
For J. K. Cement Works, Mangrol

(S. K. Rathore)
President (O) & Unit Head

Encl.: as above
Copy:
1. The Regional Director, Ministry of Environment, Forest & Climate Change, Regional Office (Central Region), Kendriya Bhawan, 05th floor, sector –H, Aliganj, Lucknow-226024

2. The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongari, Jaipur (Raj)-302004

3. The Regional Director, Central Pollution Control Board, 4th Floor, Sahkar Bhawan, North TT Nagar, Bhopal-462003

चित्तौड़गढ़ पत्रिका 10 राजस्थान पत्रिका patrika.com
चित्तौड़गढ़, शनिवार, 06 मार्च, 2021

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जे.के. सीमेन्ट वर्क्स, निम्बाहेड़ा राज.

सूचना

दिनांक 05 मार्च 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे. के. सीमेन्ट की मांगरोल-टीलाखेड़ा लाईमस्टोन माईन्स (ML 07/97, Lease Area 299.20 Ha.), तहसील-निम्बाहेड़ा, जिला-चित्तौड़गढ़ की उत्पादन क्षमता {1.6 Million TPA to 2.4 Million TPA} विस्तार हेतु भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय, नई दिल्ली द्वारा पत्र क्रमांक J-11015/25/2011-IA-II(M), दिनांक 03 मार्च 2021 के माध्यम से पर्यावरण स्वीकृति प्राप्त हुई है।

उपरोक्त पर्यावरण स्वीकृति की प्रतिलिपी भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय की बेबसाईट www.parivesh.nic.in पर एवं जे. के. सीमेन्ट लिमिटेड की बेबसाईट तथा राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल के कार्यालय में उपलब्ध है।

अध्यक्ष-ऑपरेशन्स जे.के. सीमेन्ट वर्क्स
निम्बाहेड़ा

किर

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दैनिक भास्कर
चित्तौड़गढ़
भीलवाड़ा, शनिवार 06 मार्च, 2021 | 22

जीवन शैली में हेल्थ वेल्थ और समीपता का अनुभव करेंगे।

जे.के.सीमेन्ट वर्क्स, निम्बाहेड़ा (राज.)

सूचना

दिनांक 05 मार्च 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे.के. सीमेन्ट की मांगरोल-टीलाखेड़ा लाईमस्टोन माईन्स (ML 07/97, Lease Area 299.20 Ha.), तहसील- निम्बाहेड़ा, जिला-चित्तौड़गढ़ की उत्पादन क्षमता {1.6 Million TPA to 2.4 Million TPA} विस्तार हेतु भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय, नई दिल्ली द्वारा पत्र क्रमांक J-11015/25/2011-IA-II(M), दिनांक 03 मार्च 2021 के माध्यम से पर्यावरण स्वीकृति प्राप्त हुई है।

उपरोक्त पर्यावरण स्वीकृति की प्रतिलिपी भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय की बेबसाईट www.parivesh.nic.in पर एवम् जे. के. सीमेन्ट लिमिटेड की बेबसाईट तथा राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल के कार्यालय में उपलब्ध है।

अध्यक्ष
ऑपरेशन्स जे.के.सीमेन्ट वर्क्स,निम्बाहेड़ा

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ANNEXURE-5

TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

TC-5025

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB ISO 9001:2015 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitranjan Marg,
C-Scheme, Jaipur - 302001, Rajasthan
Phone : +91 6377210064, 9414077379,
Website : www.teamtesthouse.com
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,
Sitapura, Jaipur - 302022, Rajasthan
Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400003749	Date :	08-01-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	17-12-2021
Point of Collection :	Near Mine office, Tilakhera Mine	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	300	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.24	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	31.22	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	1.88	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	76.69	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.

The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Senior Analyst

Puran Mal Yogi

Authorized Signatory

Rajesh Maheshwari

(Report No: TC502522400003749)

TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB ISO 9001:2015 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitranjan Marg,
C-Scheme, Jaipur - 302001, Rajasthan
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Laboratory : G1-584, RIICO Industrial Area,
Sitapura, Jaipur - 302022, Rajasthan
Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400003750	Date :	08-01-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	17-12-2021
Point of Collection :	Near Ravana Office Tilakhera Mine	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	380	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.67	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	34.88	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.42	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	75.35	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

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The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Senior Analyst Puran Mal Yogi

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522400003750)

TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB ISO 9001:2015 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitranjan Marg, C-Scheme, Jaipur - 302001, Rajasthan
Phone : +91 6377210064, 9414077379,
Website : www.teamtesthouse.com
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area, Sitapura, Jaipur - 302022, Rajasthan
Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400003753	Date :	08-01-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	18-12-2021
Point of Collection :	Arnia Joshi Village,Tilakhera	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	300	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.9	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	40.46	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.45	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	74.52	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.

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The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Senior Analyst Puran Mal Yogi

Authorized Signatory Rajesh Maheshwari
(Report No: TC502522400003753)

TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

TC-5025

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RSPCB ISO 9001:2015 OHSAS 18001:2007 JDA/UDH

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400003754	Date :	08-01-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	18-12-2021
Point of Collection :	Shahbad Tilakhera Mine	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	9.03	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	42.79	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.5	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	78.63	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Senior Analyst Puran Mal Yogi

Authorized Signatory Ramesh Maheshwari

(Report No: TC502522400003754)

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TC-5025

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400000422	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	21-02-2022
Point of Collection :	Near Mine office, Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	330	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.16	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.71	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	31.93	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	3.41	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	84.38	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	6.1	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran Mal Yogi

Rajesh Maheshwari

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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	400000422	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	21-02-2022
Point of Collection :	Near Mine office, Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 400000422)

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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400000423	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	22-02-2022
Point of Collection :	Near Ravana Office Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	310	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.17	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.76	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	30.38	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	3.86	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	73.33	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	8.2	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran Mal Yogi

Rajesh Maheshwari

TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

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TEST REPORT

Report No./ULR No. :	400000423	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	22-02-2022
Point of Collection :	Near Ravana Office Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 400000423)

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TEST REPORT

Report No./ULR No. :	TC502522400000426	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	21-02-2022
Point of Collection :	Arnia Joshi Village,Tilakhera	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	360	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.16	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	9.12	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	39.9	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	2.81	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	77.2	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	9.7	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran Mal Yogi

Rajesh Maheshwari

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TEST REPORT

Report No./ULR No. :	400000426	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	21-02-2022
Point of Collection :	Arnia Joshi Village,Tilakhera	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 400000426)

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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400000427	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	22-02-2022
Point of Collection :	Shahbad Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	340	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.18	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	15.09	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	27.53	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	3.33	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	73.24	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	9.7	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran Mal Yogi

Rajesh Maheshwari

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TEST REPORT

Report No./ULR No. :	400000427	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	22-02-2022
Point of Collection :	Shahbad Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 400000427)

ANNEXURE-6

TEAM TEST HOUSE

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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400003751	Date :	08-01-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	17-12-2021
Point of Collection :	3-10 Meter Distance Form Drilling Point of Tilakhera Mine	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	270	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	10.73	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	394.45	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m3]	2.32	IS 5182 (Part 2) : 2001 RA 2017	80.00

Notes :-

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Senior Analyst Puran Mal Yogi

Authorized Signatory Rajesh Maheshwari

(Report No: TC502522400003751)

TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB ISO 9001:2015 OHSAS 18001:2007 JDA/UDH

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Sitapura, Jaipur - 302022, Rajasthan
Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400003752	Date :	08-01-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	18-12-2021
Point of Collection :	Near Loading point of Tilakhera Mine	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	360	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.03	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	357.64	IS 5182 (Part 4) : 1999 RA 2019	-
4	Sulphur Dioxide [microgram/m3]	2.1	IS 5182 (Part 2) : 2001 RA 2017	80.00

Notes :-

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Senior Analyst Puran Mal Yogi

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522400003752)

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(Unit of Team Institute of Science & Technology Pvt. Ltd.)

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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400000424	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	21-02-2022
Point of Collection :	3-10 Meter Distance Form Drilling Point of Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	313.06	IS 5182 (Part 4) : 1999 RA 2019
2	Sulphur Dioxide [microgram/m3]	4.03	IS 5182 (Part 2) : 2001 RA 2017
3	Oxides of Nitrogen [microgram/m3]	13.89	IS 5182 (Part 6) : 2006 Reaffirmed 2017
4	Carbon Monoxide [microgram/m3]	310	TTH/AAQM/08

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522400000424)

TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

TC-5025

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RSPCB ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) JDA/UDH

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400000425	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	22-02-2022
Point of Collection :	Near Loading point of Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	282.75	IS 5182 (Part 4) : 1999 RA 2019
2	Sulphur Dioxide [microgram/m3]	3.47	IS 5182 (Part 2) : 2001 RA 2017
3	Oxides of Nitrogen [microgram/m3]	15.24	IS 5182 (Part 6) : 2006 Reaffirmed 2017
4	Carbon Monoxide [microgram/m3]	370	TTH/AAQM/08

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522400000425)

ANNEXURE-7

O/C

JK Cement Works, Mangrol
A unit of JK Cement Ltd.
CIN: L17229UP1994PLC017199
C/o. Kailash Nagar - 312617, Nimbahera Distt., Chittorgarh (Raj.) INDIA
+91-1477-220098, 220087 jkc.mgrl@jkcement.com
www.jkcement.com

MGR/PC/14/C11/ Regd.AD. 25.01.2022

To

ANNEXURE-7

Indira Paryavaran Bhawan,
JOR Bagh Road,
Near JOR Bagh Metro station
New Delhi 110003

Subject: Compliance to Standard Conditions (B) I. Statutory compliance (III) (13) of Environmental Clearance of Mangrol-Tilakhera Limestone Mine of J. K. Cement Works Mangrol (Rajasthan).

Ref: - Environmental Clearance letter no. J–11015/25/2011-IA. II (M), dated 3rd March, 2021.

Dear Sir,
Kindly refer to the above subject matter and referral EC letter, as per the conditions laid down in Standard Conditions No. (B). I. Statutory compliance (III) (13) of Environmental Clearance for submission of water level and water quality report.

Therefore, we are submitting herewith **Winter (January'2022)** report of **Mangrol-Tilakhera Limestone Mine** in response to the above subject. This is for your kind reference please.

Thanking you.

Yours faithfully
For J.K. Cement Works, Mangrol

R. B. M. Tripathi
President (Operations)

Encl: as above.

Copy:

1. **The Deputy Director (S),** Environment Division, Integrated Regional Office, MoEF &CC, Govt of India, A-218, Aranya Bhawan, Jhalana Institutional Area, Jaipur-304002
2. **The Member Secretary,** Central Ground Water Authority, Ministry of Water Resources (G.O.I.),16/11, Jam Nagar House, Mansingh Road NEW DELHi- 110011
3. **The Regional Director,** Central Ground Water Board (Western Region), Jhalana Dungri Institutional Area, Jaipur – 302004 (Rajasthan)

Scanned with CamScanner

ANNEXURE-8

राष्ट्रीय उत्पादकता परिषद्
(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार के अन्तर्गत)
उत्पादकता भवन 5–6, इन्स्टीट्यूशनल एरिया,
लोदी रोड, नई दिल्ली–110 003

NATIONAL PRODUCTIVITY COUNCIL

NATIONAL PRODUCTIVITY COUNCIL
(Under Ministry of Commerce & Industry, Govt. of India)
Utpadakta Bhavan, 5-6, Institutional Area,
Lodi Road, New Delhi - 110 003

21th March, 2022
No.80704/EMGroup/JK-Nimbahera/01

To,

M/S J.K. Cement Works- Nimbahera
Kailash Nagar , Nimbahera
Dist: Chittorgarh,
Rajasthan-312617

Subject:-Final Report submission for "**Water Audit in Compliance of CGWA requirement for NOC Renewal to M/S J.K. Cement Works- Nimbahera, Chittorgarh, Rajasthan**"–reg.

Dear Sir,

This is with reference to, **"Water Audit in Compliance of CGWA requirement for NOC Renewal to M/S J.K. Cement Works- Nimbahera, Chittorgarh, Rajasthan"** Final Water Audit report of the said work has been submitted.

Hope you find same in order.

Thanking You,

Yours faithfully

NATIONAL PRODUCTIVITY COUNCIL Lodi Road New Delhi 110003

K.D. Bharadwaj
Group Head-Energy Management
NPC, HQ, Delhi

ANNEURE-9

TEAM TEST HOUSE

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600002704	Date :	08-01-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	18-12-2021
Point of Collection :	Near Mine office, Tilakhera Mine	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time): Leq [dB(A)]	61.3	IS 9989	75
2	Noise Level (Night Time): Leq [dB(A)]	50.4	IS 9989	65

Notes :-

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Senior Analyst
Puran Mal Yogi

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522600002704)

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600002705	Date :	08-01-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	18-12-2021
Point of Collection :	Near Ravana Office Tilakhera Mine	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time): Leq [dB(A)]	62.2	IS 9989	75
2	Noise Level (Night Time): Leq [dB(A)]	52.8	IS 9989	65

Notes :-

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Senior Analyst
Puran Mal Yogi

Authorized Signatory
Rajesh Maheshwari
(Report No: TC502522600002705)

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600000264	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	22-02-2022
Point of Collection :	Near Mine office, Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time): Leq [dB(A)]	64.5	IS 9989	75
2	Noise Level (Night Time): Leq [dB(A)]	53.8	IS 9989	65

Notes :-

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Puran Mal Yogi

Senior Analyst

Rajesh Maheshwari

Authorized Signatory

(Report No: TC502522600000264)

TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

TC-5025

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600000265	Date :	02-03-2022
Issued To :	M/S Tilakhera Limestone Mine (ML No.- 7/97) , C/o J.K. Cement Works-Nimbahera Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	22-02-2022
Point of Collection :	Near Ravana Office Tilakhera Mine	Date of Receipt :	24-02-2022
Date of Test/Analysis :	24-02-2022 to 02-03-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time): Leq [dB(A)]	63.9	IS 9989	75
2	Noise Level (Night Time): Leq [dB(A)]	55.8	IS 9989	65

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522600000265)