

Kantharia-Mine/EC/Compliance/22-23/**Date: 18.05.2022**

To

The Member Secretary,
District Level Environment Impact Assessment Authority, Chittorgarh
C/O Rajasthan State Pollution Control Board,
Near FCI Godawn, Chanderia
Chittorgarh (Rajasthan)

Sub: Environmental Clearance Compliance report China Clay Mine production capacity of 42495 TPA M.L. 23/92 (Measuring 5.0 Ha). N/V: Kantharia, Tehsil & District – Chittorgarh (Rajasthan) Owned by M/s. J.K. White Cement Works, P.O.-Gotan, District-Nagaur, Rajasthan.

Ref: EC Letter No. F (/)/DEIAA/Project/Cat.1 (a) B2 (EC)/16-17/857 dated 06.08.2016

Dear Sir,

Kindly refer to the above subject matter and refer EC letter no., please find enclosed herewith EC compliance report for the period of **October 2022 to March 2023**.

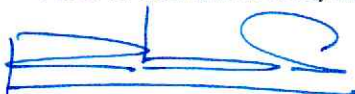
As per MoEF & CC notification no. S.O. 5845 (E) 26.11.2018 the soft copy of same has been sent through email to moef@nic.in, ccb.cpcb@nic.in, member-secretary@rpcb.nic.in, cpcb.bhopal@gov.in, monitoring-ec@nic.in, iro.jaipur-mefcc@gov.in, seiaaseiaa2018@gmail.com, ro.chittorgarh@gmail.com.

We hope that the compliance is in order.

Thanking you.

Yours Faithfully

For J. K. Cement Works, Nimbahera



R. B. M. Tripathi
President (Operations)

Encl: as above

Copy:

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, Area 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 Member Secretary, Rajasthan State Pollution Control Board, 4 Institutional Area, Jhalana Doongri, Jaipur (Rajasthan).



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JK CEMENT WallMax
White Cement Based Putty



Six Monthly Compliance Report of China Clay Mine production capacity of 42495 TPA M.L. 23/92 (Measuring 5.0 Hactares). N/V: Kantharia, Tehsil & District – Chittorgarh (Rajasthan) Owned by M/s. J.K. White Cement Works, P.O.-Gotan, District-Nagaur, Rajasthan-342902. Compliance of Environmental Clearance No. F (/DEIAA/Project/Cat.1 (a) B2 (EC)/16-17/857 dated 06.08.2016 for the Period from **October 2022 to March 2023.**

S.No.	Specific Conditions	Compliance status
1.	Consent to Establish and Operate should be obtained from RPCB before starting production from the mine.	The Consent to Establish obtained. Consent to Operate obtained from RSPCB vide letter no. F(Mines)/Chittorgarh(Chittorgarh)/4071(1)/2017-2018/4964-4968, Order No 2022-2023/Mines/10675 dated 19/12/2022
2.	This Environment Clearance (EC) is granted to the project proponent for the mining lease as per details mentioned against that name in the Table above.	Noted and Agreed. The production of China clay shall be within stipulated quantity i.e. 42495 TPA, During the period from Oct 22 to March 23 only 3.0 MT production done.
3.	That the PP shall comply with all the applicable provisions mentioned in the MOEF and CC Office Memorandum Dated 24 th June, 2014 and 24 th December 2014.	Agreed and being followed.
4.	That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law and any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. 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.	Noted and Agreed
5.	As stated by the PP, the total water requirement for the project shall be limited to the quality mentioned against the name of project proponent in Column no.-7 necessary permission shall be taken from CGWA for withdrawal project proponent of ground water.	Water requirement will be within 5KLD. Rain water accumulated in mine sump is used for plantation and sprinkling on haul roads. Ground water withdrawal is not done from the lease area.
6.	As Envisaged, the PP shall invest the amount as mentioned in the column-9 of table against the name of project proponent towards annual recurring cost for implementing the Environment Management plan.	Environmental plan has been implemented.
7.	Further, for ESR CSR an amount as mentioned in col no.10 of Table – 1 against the name of project proponent (towards annual recurring	We are committed to up lift the Socio economic condition to the nearby society.

	cost) shall be kept earmarked for socio economic up-liftment activities of the area particularly in the field of education, health, sanitation, other social work (need based) such as drinking water supply, assistance in farming, providing Toilets in Schools, etc. This amount shall be earmarked, effectively utilized and reflected in the books of accounts. Relevant report of the same to be made a part of social monitoring and six monthly compliance reports should be submitted to RPCB and MOEF, Regional Office, Lucknow.	 
8.	The mining operations shall not intersect groundwater table. In case of working below ground water table, prior approval of the Central Ground Water Authority shall be obtained.	Mining is being done above ground water table. Prior permission shall be obtained from the central ground water authority before intersecting the ground water table.
9.	The PP shall construct Rain Water Harvesting Structure and Artificial Recharge Structure in the lease area as also implement other / suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, CGWB.	Mining pit is being used for accumulating rain water and recharging the ground water table.
10.	Occupational health and safety of mine labour shall be given the highest priority.	Periodical medical check done.
11.	Budgetary provision of amount as mentioned in col. No.-12 of Table – 1 against the name of project proponent towards annual recurring cost for the labours working in the Mine for all necessary infrastructure facilities such as health facility, sanitation facility, fuel for cooking along with safe drinking water, medical camps and toilets for women, creche for infants should be made and submitted to RPCB, Jaipur at the time of CTE / CTO. The housing facilities and Group Insurance should be provided for mining labours.	<p>Complying with.</p> 
12.	Topsoil shall be stacked temporarily at earmarked sites only and it should not be kept unutilized for a period more than three years; it should be used for land reclamation and plantation in mined out areas.	Top soil availability is very less and is being stacked separately at earmarked site. It is being used for plantation. It will also be used for land reclamation and plantation in mined out areas.
13.	The project proponent shall ensure that no natural water course / water body shall be obstructed due to any mining operation.	There are no natural water course fall under mining area.

14.	The waste should be dumped at designated site as per approval mining plan on non-mineralized land within lease area or outside lease area at land provided by district authority or occupied by the lease. STP / Quarry License holder. The height of the dump shall be as per the approved mining plan and toe of the dump should have retaining wall.	The waste is being dumped at designated site in the lease area as per the approved mining plan. Retaining wall has been provided at toe of dump.
15.	The benches height, width and slope shall be maintained as per the MMR 1961 of the DGMS approval.	The benches height, width and slope is being maintained as per the MMR 1961 of the DGMS approval.
16.	Garland drains; settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years' data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate pits which should be constructed at the corners of the garland drains and de-silted.	Catch drains and siltation ponds of appropriate size have been constructed. The water collected in mine pit is being utilized for dust suppression in mine area, green belt development etc.
17.	Drills shall either be operated with dust extractors or equipped with water injections system.	Agreed. Presently drilling is not required for mining of China Clay.
18.	As envisaged, plantation shall be raised in an area of 33% of total area including green belt in the safety zone around the mining lease by planting the native species around ML area, OB dumps, backfilled and reclaimed around water body, road etc. or outside lease area in consultation with the Gram Panchayat or Forests Department in the coming rainy season.	Plantation are being done as per approved mining plan. The total plantation done till 2020-21 is 1251 nos. in 1.3 ha. Plantation done in 2021-22 is 45 nos. in 0.04 ha.
19.	Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul roads, loading and unloading points and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the CPCB.	Water sprinkling is being done on haul roads, loading and unloading points for the purpose of dust suppression.
20.	Data on ambient air quality and stack emissions should be submitted to Rajasthan State Pollution Control Board once in six months, carried out by MOEF/NABL/CPCB/RPCB/ Government approved lab.	The regular monitoring of AAQ is being carried out. AAQ monitored report by NABL recognised lab attached as Annexure: I
21.	Blasting operation should be carried out only during the daytime with safe blasting parameters.	Agreed, Blasting is presently not carried out in the mining area.

22.	The project proponent shall all take due care to protect the existing Flora and Fauna. Utmost precaution shall be taken to conserve wildlife.	Being followed.
23.	No further expansion or modification in the plant shall be carried out without the approval of the DEIAA, District – Chittorgarh, Rajasthan. In case of deviation or alterations in the project proposal from those submitted to this authority for clearance, a fresh reference shall be made to the authority to assess the adequacy of the conditions imposed and to add additional environmental protection measures required, if any.	There are no proposal for expansion, If any prior permission to be obtained.
24.	Applicant shall also take prior Environment Clearance under the Aravalli Notification dated 7/5/1992.If applicable	Not Applicable.
25.	This Environment Clearance is being issued on the basis of documents of project proponent agency. No member of DEAC/DEIAA has inspected the project site. Hence, if is found otherwise in the inspection of site, the NOC issued by this authority shall be cancelled forthwith.	Agreed.
26	This Environment Clearance is not an alternate to forest clearance. The agency will have to get the forest clearance from the competent authority separately, if needed.	Not Applicable.
27.	The Department of Mines & geology in the process of forming cluster as per the provision of the notification dated 15/01/2016. This EC is being issued to PP or individual mine/QL/Etc. with the condition, that if the mine/QL/etc. will form a part of any cluster formed by the mines & Geology Department, Rajasthan, the PPE will then have to obtain a fresh EC from the competent authority as a part of such cluster.	Agreed.
28.	This EC is being issued in continuation with the category of cluster mines as decided by the secretariat of SEIAA SEAC, Rajasthan, as the file have been sent to DEIAA with different correspondence. The same procedure and definition is being adopted for fresh file which have been received by DEIAA. In case of any discrepancy regarding cluster formation, category and other aspects, this Environment Clearance will be treated as null and void.	Agreed and Noted.
29	If mining activity in and around the vicinity of this ML / QL, is found to be of such a nature that the Environment Clearance of collective mining area has to be obtained from another	Agreed and Noted.

	competent authority, PP will be under obligation to obtain environment clearance from that competent authority.	
30.	If this ML/QL fall under the collective mining area defined by the mining cluster of B-2 category, then it is the liability of all individual project proponent of the collective area to submit the collective EMP of the concerned area to DEIAA/DEAC within a period of 15 days for onward consideration of DEIAA.	Agreed and Noted.
31	Garland drain made around the mining pit and dump in such a manner, so that the rain water runoff should not be collected in mine pit.	Garland drain has been constructed as per the mining plan.
S.N.	General Conditions	Compliance status
1.	Any change in mining technology / scope of working shall not be made without prior approval of the DEIAA.	No change in mining technology.
2.	Any change in the calendar plan including excavation, quantum of mineral and waste shall not be made.	No change in the calendar plan including excavation, quantum of mineral and waste.
3.	Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, So2 and NOx monitoring. Location of the station (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State Pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MOEF, Regional office, Lucknow.	Data on ambient air quality RSPM (Particulate matter with size less than 10 micron i.e., PM10), NOx are well within the norms and is being submitted regularly.
4.	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operation of HEMM etc. shall be provided with earplug / muffs.	All the equipment's properly maintained & workers are provided with all necessary PPE. Noise monitoring is done & results are well within the limit, report attached in Annexure-1.
5.	Industrial waste water (workshop and waste water from the mine) shall be properly collected & treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May 93 and 31 st December 1993 (amended to date) Oil & grease trap shall be installed before discharge.	Not applicable. There is no generation of industrial waste water from the mine.
6.	Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.	PPE have been provided to person working in such area & time to time training about safety & awareness is being given to all the workers.
7.	Occupational health surveillance program of the workers shall be undertaken periodically to	Occupational health surveillance program of the workers is being conducted periodically.

	observe any contractions due to exposure to dust and take corrective measures, if needed.	There is no occupational disease observed so far.
8.	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the RPCB and the Regional office of MOEF located at Lucknow.	The funds earmarked for environmental protection measures is being kept in a separate account and not diverted for other purpose.
9.	The RPCB and MOEF, Regional-office Lucknow shall monitor compliance of the stipulated conditions. The project authorities shall provide a set of a filled in questionnaire and EIA / EMP report to them and extend full cooperation to the above office(s) by furnishing the requisite data/information/monitoring reports.	Being followed.
10.	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the RPCB, CPCB and MOEF, Regional Office, Lucknow.	Complying with. The reports on the status of compliance of stipulated EC conditions including results of monitoring sent to concern offices within time frame.
11.	A copy of the clearance letter will be marked to the concerned Panchayat / local NGO, if any, from whom suggestions / representations were received while processing the proposal.	Complied with. Copy of clearance letter has been sent to the concerned Panchayat/ Local NGO.
12.	The RPCB shall display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector / Tehsildar's office for 30 days.	Complied with.
13.	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provision of Environment (Protection) Act, 1986.	Noted & Agreed
14.	The above conditions will be enforced, inter-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 (all amended till date) and rules made hereunder and also any other orders passed by the Hon'ble Supreme Court of India / High Court of Rajasthan and any other Court of law relating to the Subject Matter.	Noted & Agreed
15.	The PP shall ensure advertising in at least two local newspapers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with DEIAA, District Chittorgarh, Rajasthan and the	Complied with. Advertisement of Environmental Clearance has been published in Rajasthan Patrika & Dainik Bhaskar on 30 th August 2016.

	Rajasthan state Pollution Control Board and may also be seen on the website of the Board at www.rpcb.nic.in . The advertisement shall be made within 7 (seven) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the DEIAA, District Chittorgarh, Rajasthan and Regional office, Rajasthan State Pollution Control Board.	
16.	All the other statutory clearness such as the approvals for storage of diesel from the Chief Controller of Explosive, Fire department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (protection) Act, 1972 etc. shall be obtained as may be applicable by PP from the competent authority.	Noted & Agreed
17.	These stipulations would also be enforced amongst the orders under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986 the Public Liability (Insurance) Act 1991, EIA Notification 2006.	Noted & Agreed
18.	Under the provision of Environment (Protection) Act 1986, legal action shall be initiated against the proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Agreed
19.	In Case project falls in 10 k.m. radiuses of National park / Sanctuary the PP shall obtain necessary clearance from Chief Wild Life Warden, Rajasthan / Central Wild Life Board under Wild Life Protection Act, 1972 before starting any operation under the project.	Not applicable. The area doesn't falls in 10 km radius of National Park/Sanctuary.
20.	In case the project proposal involves any forest land, the necessary diversion order shall be obtained by MoEF and CC before starting any operation under the project.	The area doesn't involves any forest land.
21.	Environment clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in writ petition (Civil) No. 460 of the year 2004 as may be applicable to this project.	Agreed



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

TEST REPORT

Report No./ULR No. :	TC502522400003306	Date :	19-11-2022
Issued To :	M/S J.K.White Cement Works Gotan ,(Unit of JK Cement Ltd) China Clay Mines (M.L. No. 23/1992) Village-Kanthariya, Tehsil - Chittorgarh, District-Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	02-11-2022
Point of Collection :	Mine Site [ML No.-23/92] (Core Zone Area)	Date of Receipt :	09-11-2022
Date of Test/Analysis :	09-11-2022 to 19-11-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Kumar 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]	370	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.77	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	36.2	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	5.63	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	62.92	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.

Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwan
Authorized Signatory
(Report No: TC502522400003306)



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

TEST REPORT

Report No./ULR No. :	TC502522400003307	Date :	19-11-2022
Issued To :	M/S J.K.White Cement Works Gotan ,(Unit of JK Cement Ltd) China Clay Mines (M.L. No. 23/1992) Village-Kanthariya, Tehsil - Chittorgarh, District-Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	03-11-2022
Point of Collection :	Near Village Vansti [ML No.-23/92] (Buffer Zone)	Date of Receipt :	09-11-2022
Date of Test/Analysis :	09-11-2022 to 19-11-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Kumar 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]	350	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.77	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	35.69	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	5.72	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	73.77	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Puran
Puran Mal Yogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522400003307)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600002245	Date :	19-11-2022
Issued To :	M/S J.K.White Cement Works Gotan ,(Unit of JK Cement Ltd) China Clay Mines (M.L. No. 23/1992) Village-Kanthariya, Tehsil - Chittorgarh, District-Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	03-11-2022
Point of Collection :	Mine Site [ML No.-23/92] (Core Zone Area)	Date of Receipt :	09-11-2022
Date of Test/Analysis :	09-11-2022 to 19-11-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Kumar 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)]	52.3	IS 9989	65

Notes :-

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Purabhai
Senior Analyst

Rajesh
Authorized Signatory
(Report No: TC502522600002245)



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TEST REPORT

Report No./ULR No. :	TC502522600002246	Date :	19-11-2022
Issued To :	M/S J.K.White Cement Works Gotan ,(Unit of JK Cement Ltd) China Clay Mines (M.L. No. 23/1992) Village-Kanthariya, Tehsil - Chittorgarh, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	03-11-2022
Point of Collection :	Near Village Vansti [ML No.-23/92] (Buffer Zone)	Date of Receipt :	09-11-2022
Date of Test/Analysis :	09-11-2022 to 19-11-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Sunil Kumar 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)]	53.7	IS 9989	55
2	Noise Level (Night Time) : Leq [dB(A)]	41.6	IS 9989	45

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwan
Authorized Signatory

(Report No: TC502522600002246)



TEAM TEST HOUSE

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



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RSPCB

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ISO 45001:2018 (OH&S)

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TEST REPORT

Report No./ULR No. :	TC502523400000405	Date :	14-03-2023
Issued To :	M/S J.K.White Cement Works Gotan ,(Unit of JK Cement Ltd) China Clay Mines (M.L. No. 23/1992) Village-Kanthariya, Tehsil - Chittorgarh, District- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	03-02-2023 15:39 to 04-02-2023 15:40
Point of Collection :	Mine Site [ML No.-23/92] (Core Zone Area)	Date of Receipt :	28-02-2023
Date of Test/Analysis :	28-02-2023 to 13-03-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Kumar 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]	15.15	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	33.81	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	5.54	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	75.29	IS 5182 (Part 23)-2006 RA 2017	100.00

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Puran
Puran Mai Yogi

Senior Analyst

Balram
Balram Agarwal

Authorized Signatory

(Report No: TC502523400000405)



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TEST REPORT

Report No./ULR No. :	TC502523400000406	Date :	14-03-2023
Issued To :	M/S J.K.White Cement Works Gotan ,(Unit of JK Cement Ltd) China Clay Mines (M.L. No. 23/1992) Village-Kanthariya, Tehsil - Chittorgarh, District-Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	03-02-2023 15:41 to 04-02-2023 15:41
Point of Collection :	Near Village Vansti [ML No.-23/92] (Buffer Zone)	Date of Receipt :	28-02-2023
Date of Test/Analysis :	28-02-2023 to 13-03-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Kumar 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]	330	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.66	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	36.14	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	5.05	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	74.28	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Purni Mat Yogi
Senior Analyst

Balram Agarwal
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TEST REPORT

Report No./ULR No. :	TC502523600000315	Date :	14-03-2023
Issued To :	M/S J.K.White Cement Works Gotan ,(Unit of JK Cement Ltd) China Clay Mines (M.L. No. 23/1992) Village-Kanthariya, Tehsil - Chittorgarh, District-Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Noise Level Monitoring / Chemical	Date of Sample Collection/Monitoring :	03-02-2023 15:45 to 04-02-2023 15:45
Point of Collection :	Mine Site [ML No.-23/92] (Core Zone Area)	Date of Receipt :	28-02-2023
Date of Test/Analysis :	28-02-2023 to 13-03-2023	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Kumar 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)]	62.6	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	53.4	IS 9989	65

Notes :-

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Puran Mai Yogi
Puran Mai Yogi
Senior Analyst

Balram Agarwal
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TEST REPORT

Report No./ULR No. :	TC502523600000316	Date :	14-03-2023
Issued To :	M/S J.K.White Cement Works Gotan ,(Unit of JK Cement Ltd) China Clay Mines (M.L. No. 23/1992) Village-Kanthariya, Tehsil - Chittorgarh, District-Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Noise Level Monitoring / Chemical	Date of Sample Collection/Monitoring :	03-02-2023 15:48 to 04-02-2023 15:48
Point of Collection :	Near Village Vansti [ML No.-23/92] (Buffer Zone)	Date of Receipt :	28-02-2023
Date of Test/Analysis :	28-02-2023 to 13-03-2023	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Kumar 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)]	54.2	IS 9989	55
2	Noise Level (Night Time)) : Leq [dB(A)]	41.8	IS 9989	45

Notes :-

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P. Mehta
P. Mehta
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Balraj Agarwal
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(Report No: TC502523600000316)