JK White Cement Works, Gotan
A Unit of JK Cement Ltd.
CIN: L17229UP1994PLC017199
P.O. Gotan - 342 902, Dist - Nagaur (Rajasthan), India
+01591 230201-03 (PBX), 230976 (D), +01591 230206
www.jkcement.com

REG/AD & MAIL

GTN: WH: ENV: EC:/ **Date: 23.05.2025**

The Director,
Ministry of Environment, Forest & Climate Change (Integrated Regional Office),
A-209 & 218, "ARANYA BHAWAN",Jhalana Institutional Area, Jaipur-302004
Tel No: 0141-2713786, 2713778 Email: iro.jaipur-mefcc@gov.in

Subject: Half Yearly Compliance Report of Environmental Clearance conditions of M/s JK White Cement Works, (Unit of JK Cement Ltd.) situated at P.O. Gotan, Tehsil - Merta, Distt. Nagaur, Rajasthan for the Period from 1st Oct, 2024 to 31st Marc, 2025.

Ref. : EC Letter No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 7(d) B1 (367)/2018-19 dated: 29.03.2019

Sir,
As above subjected matter, submitting herewith the point - wise compliance report

Name of the Project : Expansion of White Cement from 618000 TPA to 880000 MTPA
Clearance Letter No. : EC Letter No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 7(d) B1 (367)/2018-19 dated: 29.03.2019

A. SPECIFIC CONDITIONS:

Sr.	Conditions	Compliance Status
1	The production capacity of the industry will not exceed more than 8, 80,000 TPA cement.	The annual production is within specified quantity (880000 TPA). FY 2024-25 total cement production took place 682472 MT
2	The Water Requirement for the project shall not exceed 1050 KLD. The water will be obtained from ground water supply. No ground water extraction shall be permitted without prior permission of the CGWA	The water consumption is within the prescribed limit or less than NOC. Permission for the same has been obtained from CGWA. In 3rd renewal water *withdrawal* limit has been reduced up to 882 m3/Day or 317520 m3/Annum. FY 2024-25 total water withdrawal 284698 m3 & 790.82 m3/Day
3	The PP shall achieve the stack emission standards and ambient air standards as notified under E.P. Rules, 1986.	We are achieving the stack and ambient standards as per EPA Act, 1986. Stack and ambient monitoring from approved laboratory and self- monitoring. Refer annexure **attached: 1**
4	The Height of stack for disbursement of the process emissions shall ~~not~~ be more than 30 mtrs from ground level.	All process stacks height maintained >30 meters from ground level.

5	The PP shall operate the unit with prior Consent to Establish and Consent to Operate under the provisions of Water (Prevention & Control of Pollution) Act 74 and Air (Prevention & Control of Pollution) Act'81.	We have obtained the expansion project CTE & CTO from RSPCB Jaipur. Present CTE and CTO details as below: Letter Reference: Expansion CTE letter-no. F(Tech)/Nagaur(Merta)/ 4(1)/2008-2009/2297-2299 dated 04/10/2019, Order No. -2019-2020/CPM/5531. CTO Letter Reference: F(CPM)/Nagaur(Merta)/5(1)/2022-2023/5454-5456 dated 10/11/2023, and Order No: 2023-2024/CPM/9099 and valid up to 31/01/2029
6	The particulate matter and gaseous emissions (SOx, NOx, CO, CO2 etc) from various processes/ units/storages shall conform to the standards prescribed by the RPCB/CPCB or under the Environment (Protection) Rules' 86 from time to time.	We are achieving the particulate matter and gaseous emission as per prescribed standards by the RPCB/CPCB. For continuous emission monitoring system is installed at site which are connected to RSPCB and CPCB servers. Copy of monitoring results from approved laboratory and self-monitoring. **Refer annexure attached: 1**
7	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 Jaw or 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	We are communicating agreement.
8	At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.	To meet the prescribed standards, pollution control equipment are interlocked the with the power supply to the production/process. All pollution control measures are fully efficient to meet the norms i.e. <30 mg/Nm3.
9	The PP shall install adequate dust collection and extraction system to control fugitive dust emissions at loading/unloading points and at all the transfer points. For source emission control, bag filters shall be provided on clinker hopper, cement silo, fly ash silo, elevator; packer: cement transport equipment etc which will also contribute to reduce fugitive emissions. The fugitive emissions during loading and unloading shall be suitably controlled. Fugitive dust emissions from ball mill and storage areas shall be collected in bag filters and recycled back to the process. Storage of raw material shall be in closed roof sheds. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag loading areas.	We have installed adequate dust collection and extraction system to control fugitive dust emission at loading, unloading point and all the transfer point as per provided APCDs detail. We have also implemented road sweeping and a truck mounted big vacuum cleaner for collection and control of any spillage. All the collected materials is being used in process. This has been verified by Regional Officer/CPCB teams/MoEFCC during inspections.
10	Ambient air quality monitoring stations shall be set up in consultation with RPCB in the down wind direction as well as where maximum ground level concentration of PM and PM2.5, SOx, NOx, CO, CO2, are anticipated.	Presently, there are four number of manual ambient air quality monitoring stations maintained at site and four continuous ambient air quality monitoring station (CAAQMS) has been installed. All CAAQMS are connected with RSPCB and CPCB servers for online data monitoring.

11	Air emission sampling facilities shall be provided for the emissions monitoring as per the Central Pollution Control Board guidelines, in consultation with RPCB.	Yes, we have provided adequate sampling platform and all monitoring facilities are available at site along with sampling point as per CPCB/RSPCB guidelines.
12	Data on ambient air quality and emissions shall be submitted to RPCB once in six months carried out by MOEF/NABL/CPCB/Government approved lab.	Yes, we are regularly submitting the data and further, we will ensure the same.
13	The PP shall not install any additional DG set or enhance the capacity of present DG set for the purpose of power requirement.	We have not installed any additional DG sets at site without prior permission.
14	Fugitive dust emissions shall be controlled as per relevant guidelines issued by CPCB.	We agree to comply as above details condition point number 9.
15	Handling, manufacture, storage and transportation of hazardous chemicals shall be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date).	We have provided proper Handling/Storage facility of Hazardous Waste as per guidelines.
16	The PP shall take adequate measures for the control of noise so as to keep the noise levels below 85 Db in the work environment. Persons working near the machines should be provided with well-designed ear muffs/plugs and other personnel protective equipment.	Noise monitoring is being done around plant boundary & work zone area in regular intervals. Noise levels are well within norms. Proper enclosures have been provided at high noise area and PPEs have been provided to the workers. Noise Monitoring results from approved laboratory & self-monitoring's are attached **Refer annexure: 1**
17	Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.	The alarm system has been established.
18	Efforts shall be made to increase green belt all around the premises. Native plant species shall be selected for this purpose in consultation with the local Forest Department. A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.	More than 33% of the area covers plantation in the factory premises. We will also concerned with local forest department for increase in greenbelt. Till FY, around 18.69 Ha. & 39.64% plantation area covered. Total 43762 nos. of plants are survived with 69.42% survival rate. we are plan more dense of plantation upcoming monsoon 4500 tree plants **Refer Annexure: 2 Plant Plantation layout & photographs**
19	A qualified person in the field of environment or separate Environmental Management Cell shall be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.	Environment Department has been setup for environmental management with qualified persons. Unit Head to look after about the total control of pollution, monitoring & maintenance of pollution control devices with the help of Site Managers along with Environment Dept. Officers, Engineer (Chemical) & trained team.
20	As envisaged under the Environmental Management Plan the PP shall earmark an amount of Rs. 8.00 Crores towards initial capital cost and Rs. 40 Lacs towards annual recurring cost of implementing the Environmental Protection Measures. The funds earmarked for the environmental protection measures shall be kept in separate account and shall not be diverted for other purposes and year wise expenditure shall be reported to RPCB under the rules prescribed for environmental audit.	We have implemented Environment management Plan according to submitted project report and expenditure detail provided to RSPCB in the annual audit report every year with recurring cost.
21	Implementation of the environmental safeguards like firefighting, water harvesting etc. along with socio economic measures like group insurance, free medical facilities, ESI/EPF facilities to the	We are communicating the agreement.

	employees as envisaged under the Environmental Management Plan; details are to be submitted to the Rajasthan Pollution Control Board, at the time of applying for consent to establish/ operate.	
22	As committed the PP shall earmark an additional amount of Rs.22500.00 (1.5% of proposed project cost of 15 lacs) for implementing various activities specified under the earlier EC granted by SEIAA as per CER action plan.	We are communicating the agreement. We have implemented various activities specified in during PH.
23	The PP shall ensure that, the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.	We upload six monthly compliance in our company website. The plant site monitoring data displaying to gate display board on Digital mode & manual.
24	Besides the above conditions the PP shall make strict compliance of the conditions stipulated under earlier EC.	Agreed. We will comply.

B. GENERAL CONDITION:

Sr.	Conditions	Compliance
1	The environmental safeguards contained in Form 1-A shall be implemented in letter and spirit.	We are communicating the agreement.
2	Six monthly monitoring reports shall be submitted to Rajasthan and Rajasthan State Pollution Control Board.	We are submitting regular six-monthly monitoring reports to RSPCB. Presently, we are regularly / timely submitting the compliance report to concerned department of present EC.
3	Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full cooperation facilities and documents/data by the PP during their inspection. A complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to Rajasthan State Pollution Control Board.	Agreed, we are cooperating for the same every visit or inspection by PCB's Official.
4	In case of any change(s) in the scope of the project, the PP requires a fresh appraisal by SEIAA/SEAC, Rajasthan.	Agreed, We will conduct fresh evaluation by SEIAA/SEAC, Rajasthan.
5	The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act-1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed, we are communicating the agreement.
6	All the other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, 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.	Agreed, we are communicating the agreement.
7	Environmental clearance is subject to final order of the Hon'able 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, we are communicating the agreement.
8	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 SEIAA, Rajasthan and the 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	Grant of Environment Clearance was advertised in Dainik Bhasker on dated 06.04.2019 Page. No. 19 and in Rajasthan Patrika dated 06.04.2019. Copy of newspapers has already been submitted to your good office in previous compliances

	issue of environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur(S) of the Board.	
9	These stipulations would also be enforced amongst the others 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 and EIA Notification' 06.	Agreed, we are communicating the agreement.
10	Under the provisions 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, we are communicating the agreement.
11	Environment clearance is subject to the specific condition that the PP shall obtain prior clearance from forestry and wild life angle including clearance from the standing committee of the national Board for wild life, if applicable. It is further categorically stated that grant of EC does not imply that forestry and wild life clearance shall be granted to the project and that their proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environment clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the cost and risk of project proponent and authority of ministry of MoEF shall not be responsible in this regard in any manner.	Agreed, we are communicating the agreement.

Work force Health Medical checkup report attached **Refer Annexure: 3**

We Hope you will find the document in order.
Thanking you,

Yours faithfully,

For J K White Cement Works,

Dr. Ranjeet Kumar Bagariya
Authorized Signatory
CC TO:

Reg/Ad: **The Member Secretory, SEIAA, Rajasthan**
10 Bhawani Singh Lane, Near Sahkar Marg (Room No.05) Jaipur-302001

Reg/Ad: **Member Secretary,**
Rajasthan State Pollution Control Board, **CPP**
4, institutional Area, Jhalana Doongari, Jaipur (Raj)-302004

Reg/Ad: **Regional Officer (Regional Office),**
Rajasthan State Pollution Control Board,
First Floor, Sehkari Bhoomi Vikas Bank Ltd., Nagaur- 341001

Encl: **As above annexures**

JK White Cement Works, Gotan
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REGD. A/D

OFFICE COPY

Date: 07.04.2025

JKWC/PLG/ENV/03/ 163

C- 024
CPM

The Member Secretary,
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari,
Jaipur (Rajasthan) - 302 004

Sub: **Compliance Report of Consent to Operate** conditions under Air & Water Act of **M/s JK White Cement Works,** situated at P.O. Gotan, Distt. Nagaur, Rajasthan for the period from **Jan-2025 to Mar-2025 (Quarter-4) of FY 2024-25.**

Ref: F(CPM)/Nagaur(Merta)/5(1)/2022-2023/5454-5456 dated 10/11/2023, and Order No: 2023-2024/CPM/9099.

Dear Sir,

As above subjected matter, submitting herewith the point - wise compliance report of the conditions of consent to operate as per communicated board vides letter no. mentioned as reference. Following is the compliance status of CIO under Air & Water Act for the period from Jan-2025 to Mar-2025 (Qtr-4) of FY 2024-25 is attached.

We hope that you will find all information in order.

Thanking you,

Yours faithfully
For J. K. WHITE CEMENT WORKS,

Dr. Ranjeet Kumar Bagariya
(Environment Head)
Authorised Signatory

Copy to: Regional Officer
Reg. A/d Rajasthan State Pollution Control Board
First Floor, Sehkari Bhoomi Vikas Bank Ltd., Nagaur- 341001

Encl: **as above**

164

M/S JK WHITE CEMENT WORKS
COMPLIANCE REPORT OF CONSENT TO OPERATE
FOR THE PERIOD: JAN-2025 to MAR-2025 (QUARTER-4) FY 2024-25

Compliance Conditions:

<table>
<tr><th>Sr.</th><th>Conditions</th><th>Compliance Status</th></tr>
<tr><td>1</td><td>That this Consent to Operate is valid for the period from 01/02/2024 to 31/01/2029.</td><td>We are communicating our agreement for the validity of consent.</td></tr>
<tr><td>2</td><td>That this Consent is granted for manufacturing/producing following products/by product or carrying out the following activities or operation/processes or providing following services with capacities given below.
<table>
<tr><td>Particular</td><td>Type</td><td>Quantity with Unit</td></tr>
<tr><td>CLINKER</td><td>Product</td><td>600,000.00 TON PER ANNUM</td></tr>
<tr><td>WHITE CEMENT</td><td>Product</td><td>880,000.00 TON PER ANNUM</td></tr>
</table></td><td>We are communicating our agreement for the condition of 600,000 TPA Clinker and 8,80,000 TPA White Cement productions.</td></tr>
<tr><td>3</td><td>That this consent to operate is for existing plant process & capacity and separate consent to establish/ operate is required to be taken for any addition/ modification/alteration in process or change in capacity or change in fuel.</td><td>We are communicating our agreement for obtaining fresh Consent to Establish & Operate for further change / alteration / modification / expansion if any.</td></tr>
<tr><td>4</td><td>That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under:
<table>
<tr><td>Type of effluent</td><td>Max. effluent generation (KLD)</td><td>Recycled Qty of effluent (KLD)</td><td>Disposed Qty. of effluent (KLD) and mode of disposal</td></tr>
<tr><td>Domestic Sewage</td><td>13.00</td><td>Nil</td><td>13.00 KLD - To be treated in STP and to be used in plantation and horticulture</td></tr>
</table></td><td>There is no industrial wastewater generated from the unit. Domestic wastewater generated from the office toilets, canteen & guesthouse etc. is being treated through STP (500 KLD capacity) and treated water used in plantation and horticulture.</td></tr>
<tr><td>5</td><td>That the sources of air emission along with pollution control measures and the emission standards for the prescribed parameters shall be under:
<table>
<tr><th rowspan="2">Sources of air Emissions</th><th rowspan="2">Pollution Control Measures</th><th colspan="2">Prescribed</th></tr>
<tr><th>Parameter</th><th>Standard</th></tr>
<tr><td>Cement Mill -1&2 (52 TPH Each)</td><td>Adequate Stack Height, Pulse Jet Bag Filter</td><td>Particulate Matter</td><td>30 mg/NM3</td></tr>
<tr><td>Cement Mill -3 (65 TPH)</td><td>Adequate Stack Height, Pulse Jet Bag Filter</td><td>Particulate Matter</td><td>30 mg/NM3</td></tr>
<tr><td>One D.G set (250KVA)</td><td>Acoustic Enclosure, Adequate Stack Height</td><td>--</td><td>--</td></tr>
<tr><td>Petcoke / Coal Mill - 3 (12 TPH)</td><td>Adequate Stack Height, Pulse Jet Bag Filter</td><td>Particulate Matter</td><td>30 mg/NM3</td></tr>
<tr><td>Petcoke / Coal Mill -1&2 (5 TPH Each)</td><td>Adequate Stack Height, Pulse Jet Bag Filter</td><td>Particulate Matter</td><td>30 mg/NM3</td></tr>
<tr><td>Quencher Stack (Kiln Outlet) (73 TPH)</td><td>Adequate Stack Height, ESP</td><td>Particulate Matter</td><td>30 mg/NM3</td></tr>
<tr><td>Raw Mill Kiln ESP 1&2 (73 TPH)</td><td>Adequate Stack Height, ESP</td><td>HCL
SO2</td><td>10 mg/NM3
100 mg/NM3
10 mg/NM3</td></tr>
</table></td><td>The Adequate stack heights have been provided at site for stacks.
All stacks are provided with Bag Filter/Bag House/ESPs along with safe and adequate infrastructure for monitoring. Applicable monthly stack monitoring reports are being submitted to your good office.
We are achieving the standards prescribed by the board w. r. t. emissions standards in stacks. We have installed continuous online opacity meters & analysers for monitoring of PM, SO_2 NOx emission & data Connected to PCB's Servers. Stack monitoring results are given in Annexure-1 & third-party monitoring reports are attached as annexure – 2.

The DG sets are used in emergency only. The 250 KVA DG set is used in emergency only. Two nos. of D.G sets (3500 KVA x 2) (7000 KVA) not in operation which have dismantled. Stack monitoring report of DG set is attached as Annexure-2</td></tr>
</table>

8

			Total Organic Carbon HF Total Dioxins & Furans Particulate Matter NOx Cd + Th +their compounds Hg and its compounds Sb + As + Pb +Co+ Cr + Cu +Mn + Ni + V + their compounds	1 mg/NM3 0.1 ngTEQ/Nm3 30 mg/NM3 800 mg/NM3 0.05 mg/Nm3 0.05 mg/Nm3 0.05 mg/Nm3	
	Two nos. of D.G sets (3500 KVA x 2) (7000 KVA)		CO Particulate Matter NOx NMHC	150 mg/NM3 75 mg/NM3 710 mg/NM3 100 mg/NM3	
6	That the domestic sewage shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal into Inland Surface Water. The main parameters for regular monitoring shall be as under. Parameters / Standards pH Value / Between 6.5 to 9.0 Biological oxidation Demand (3 days at 27 degree Celsius) / Not to exceed 10mg/l Chemical Oxygen Demand / Not to exceed 50mg/l NH4 - Ammoniacal Nitrogen (as N) / 10 mg/l N Total / 5 mg/l Total Suspended Solids / Not to exceed 20 mg/l Fecal Coliform (MPN per 100 ml) / Not to exceed 100				We are complying with all the parameters and regularly submitting the test reports to your good office. Treated water quality report of STP from recognized laboratory is attached herewith as **Annexure 2.** During this period, STP is under shutdown due to upgradation work and domestic waste water is being treated through School STP (500 KLD Capacity).
7	That this consent to operate is valid for the production of clinker 6,00,000 TPA & white cement 8,80,000 TPA only.				We are communicating our agreement for the condition of clinker up to 6,00,000 TPA & white cement 880000 TPA White Cement production.
8	That the total capital investment as on 19.09.2023 as per the C. A certificate submitted by the unit is Rs 371.66 crores which includes the cost of land, building, plant & machinery and miscellaneous assets.				We are agreed this condition
9	That the industry shall comply with all the conditions imposed by the SEIAA, Jaipur while issue of environment clearance vide letter no. F(14)/SEIAA/SEAC-Raj/Sectt/Project/ Cat.3(b)B1/ (367)/11-12 dated 28/12/2012 and subsequently amended vide letter dated 29.03.2019.				Noted, we are complying. Six monthly compliances are submitted to your office and MoEF&CC timely.
10	That no hazardous waste/ non-hazardous waste, shall be used/co-processed in cement kiln without obtaining prior permission from CPCB & RPCB as per the provisions of Hazardous and Other Waste (Management & Transboundary) Rules, 2016 and consent to establish/operate from the State Board, if applicable.				Agreed.

11	That no fuel other than Indian coal/imported coal/petcoke shall be used in kiln without prior consent from the State Board.	Yes, noted and complying with.
12	That the industry shall use Indian & imported coal/petcoke as feedstock in the manufacturing process in the kiln of cement plant only and quantity of petcoke use shall not exceed to 82500 tons per annum (7750 tons per month) without prior consent from the State Board. The quantity of petcoke permitted for import shall not exceed to 82500 tons per annum.	Agreed. We are submitting the petcoke detail on monthly basis to your office.
13	That the unit shall procure petcoke from Board's registered producer or refineries and their Board's registered / authorized dealers only or may import directly.	Agreed.
14	That the industry shall not store petcoke for more than its three months consumption.	We are ensuring compliance within the stipulated time.
15	That the industry may import the petcoke for its own use only and consignment shall be in the name of the industry. For import of petcoke the industry shall obtain registration from the State Board.	Agreed. We are complying the same.
16	That the trading of pet coke by the industry is not permitted.	Agreed. We are complying the same.
17	That the industry shall submit details of pet coke purchased from various sources during the month (imported, purchased from refineries or authorized dealers), quantity consumed during the month and opening and closing stock to the State Board on monthly basis.	Agreed. We are submitting the petcoke detail on monthly basis to your office.
18	That the industry shall maintain online continuous emission monitoring systems at all the main stacks (attached to kiln, coal mill, cement mill and clinker cooler etc) to monitor the emission level of particulate matter (PM), SO2 and NOx etc. and connectivity of the same shall be ensured with RPCB/CPCB server during operation of the plant.	We have installed CEMS at all mentioned stacks & connected with RSPCB servers.
19	That for the control of fugitive emission guidelines/ code of practice as issued by CPCB will be followed.	Agreed. We are following the CPCB guidelines.
20	That all the recommendations made in the Charter of Corporate Responsibility for Environment Protection for Cement Plants shall be implemented.	Complying with the recommended conditions of Corporate Responsibility for Environment Protection, as applicable.
21	That the industry shall comply with revised emission standards as notified by the MoEF & CC, GoI New Delhi for cement plants vide gazette notification dated 25/08/2014(without co-processing of waste) subsequently amended on 9/05/2016 and notified vide notification dated 10/05/2016(with co-processing of waste), whichever is applicable.	Yes, we are complying with all revised emission guidelines as prescribed by the MOEF&CC, CPCB/RSPCB.
22	That guidelines on co-processing in cement industries issued by the Central Pollution Control Board shall be complied, if applicable.	Agreed. We are complying the same.
23	That the industry shall maintain stack of adequate height and adequate air pollution control measures at all the sources of air emissions so as to achieve the prescribed emission standards.	We have maintained all stacks with adequate height & PCM to meet the norms according to the guidelines.
24	That adequate infrastructure facility for stack emission monitoring shall be maintained at all the stacks viz, kiln, cooler, cement mill and coal mill etc.	Adequate infrastructure facility for stack emission monitoring has provided at all stacks viz, kiln, cooler, cement mill and coal mill etc.
25	That no additional source of air pollution shall be installed without prior consent from the State Board.	Agreed. We will not install additional source of air pollution without prior consent from the State Board.
26	That closed conveyor belts shall be used for the transfer of material to minimize the fugitive emissions.	All conveyors have been covered where the possibility of fugitive emission or transportation of powder form materials.
27	That the industry shall maintain dust collection and extraction system to control fugitive dust emissions at all the transfer points and loading/unloading areas.	We have maintained dust collection and extraction system to control fugitive dust emissions at all the transfer points and loading/unloading area at site.

28	That all the raw materials and products shall be stored in closed covered shed.	All the raw material (powder form) and products are stored in closed covered shed and silos.
29	That cemented roads shall be provided & maintained in good condition inside the premises to minimize the fugitive emissions due to vehicular movements.	All roads are cemented (Pucca) in plant premises and maintained in good condition to minimize the fugitive emissions due to vehicular movements.
30	That water sprinkling and cleaning of roads by vacuum cleaner shall be done regularly to control the fugitive emissions generated due to vehicular movement.	Water sprinkling system is installed for controlling fugitive emissions. Sweeping machine and vacuum cleaner has been deployed for regular cleaning to control the fugitive emissions generated due to vehicular movement.
31	That the recommendations of the policy briefs related to human health risk due to cement dust exposures shall be complied.	We are following recommendations of policy related to human health risk due to cement dust exposures. Our plant is ISO 9001, ISO 14001, ISO 45001, ISO 50001 & SA 8000 Certified. We are committed to demonstrate continual improvement in our Environmental, Occupational Health & Safety (EHS) performance.
32	That the power supply to the production/process shall be interlocked with the pollution control equipment that in the event of non-functioning of the pollution equipment/or increase in levels of pollutants, the production process stops automatically.	Pollution control measures interlocked with production equipment, which on increase in levels of pollutants, the production process stops automatically.
33	That separate energy meter & hour meter shall be provided and maintained at all the air pollution control measures & STP and daily record of running hours of pollution control measures and energy consumption shall be maintained in logbook.	We are maintaining all records as per condition.
34	The industry shall comply with the MoEF&CC, Government of India, Notification dated 14th September 1999, amended up to date relating to fly ash management and shall provide relevant details to the State Board, MoEF &CC, and Government of India.	Not applicable, there is no use of fly ash because the plant is engaged in white cement production.
35	That industry shall maintain continuous ambient air quality monitoring stations in all directions for monitoring of gaseous emissions and particulate matter in the ambient air and records of the same shall be submitted on quarterly basis to the State Board.	We have maintained four numbers of continuous ambient air quality monitoring stations and four number manual stations in all directions. The continuous ambient air quality monitoring station is connected to PCB's servers. Quarterly monitoring reports are submitted timely to your good office and the report is attached as **Annexure-1.**
36	That the total water consumption shall not exceed to 1077 KLD (Boiler/cooling-100.00 KLD, industrial use- 805 KLD, domestic use- 17 KLD and others- 155.00 KLD) and the freshwater requirement shall be met from ground water (877 KLD) and recycled water from STP (200 KLD).	Agreed. We are complying the same.
37	That the industry shall comply with all the conditions of CGWA NOC for abstraction of ground water up to 1050 m3/day issued vide NOC No. CGWA/NOC/IND/REN/2/2021/ 59674 with validity up to 29.11.2022. The industry shall get renewed the NOC for drawl of groundwater from CGWA and submit a copy of the same to this office within 03 months.	The NOC of ground water abstraction has been renewed. NOC/IND/RJ/2024/528/R-4/4 and valid up to 29.11.2026.
38	That ground water in excess to 1050 KLD shall not be abstracted without prior permission from CGWA and the State Board.	Agreed. We are complying with the issued water NOC.
39	That the water meter shall be installed and maintained at all the borewells to measure the quantity of daily ground water withdrawal & record of the same shall be maintained on daily basis	Digital water flow meters along with telemetry system are installed at all bore wells and records are being maintained.

40	That the domestic wastewater generated from the cement plant shall not exceed to 13.00 KLD. The domestic wastewater shall be treated through existing sewage treatment plant (STP) of 500 KLD located in the colony as per standards mentioned at condition no.7 and the same shall be used for in kiln and other purposes within the premises.	Agreed. We are complying the same.
41	That no trade effluent and domestic waste water will be discharged inside or outside the factory premises in to a stream or well or sewer or on land.	Agreed. No trade effluent and domestic wastewater is being discharged inside or outside the factory premises in to a stream or well or sewer or on land.
42	That suitable flow measuring devices/ meters on the inlet and outlet of STP shall be maintained. Daily record of domestic wastewater generation and its treatment and utilization shall be maintained.	Flow measuring digital meter is installed on the inlet and outlet of STP and daily record is maintained. Treated water is used in plantation / horticulture activity.
43	That industry shall comply with the provisions of Hazardous & others Waste (Management, & Transboundary Movement) Rules, 2016 and record of daily hazardous waste generation and its disposal shall be maintained.	Complied with.
44	That the industry shall carryout effluent sampling/stack monitoring/ambient air quality monitoring and submit quarterly analysis report from the State Board laboratory/ laboratory recognized by Ministry of Environment & Forests (MoE&F), Government of India.	Monitoring of effluent sampling/stack monitoring/ambient air quality reports is being done on quarterly basis from recognized NABL approved laboratory are attached as **Annexure-2.**
45	That the industry has to mandatorily carry out at least 25% of the designated frequency of sampling/monitoring as paid monitoring by the State Board laboratory.	Yes, we are ensuring the 25% paid monitoring yearly by the state board laboratory.
44	That suitable measure for rain water harvesting for artificial recharge of ground water shall be taken.	We have taken suitable measures for rain water harvesting for artificial recharge of ground water at plant, colony and mines lease area.
47	That the plantation in atleast 33% of total area of the project in and around the cement plant shall be carried out & maintained.	We covered more than 33% of total area in green belt. Tree sapling of Neem, Desi Ashok, Pendular Ashok, Arjun, Phycus panda, Kaner, Karanj, Duranta etc. has been planted in the plant and colony area along with boundary side & nearby. **Photographs of the plantation are attached as annexure – 3.**
48	That the industry shall make all efforts to control dust emissions and keep suspended particulate matter (SPM) as well as noise levels within the prescribed norms. The industry shall utilize all the available spaces near the plant and both sides of transportation roads for development of greenbelt with species like siris/cirrus, mulberry and jamun for control of SO2 and Neem, Tamarind, Palas and Churel trees for general purpose of Cement Plant and Maulsari, Ber, Ashoka, Pipal and Tulip trees for the control of noise levels. Compliance in this regard shall be submitted within 6 months.	We are ensuring the plantation work as per condition. Different types of plant species have been planted and submits the compliance accordingly.
49	That no Single Use Plastic (SUP) item, which is banned vide Ministry of Environment, Forest and Climate Change (MOEF & CC), Government of India notification dated 12.08.2021 shall be used in the industry/unit premises.	Yes. We are complying the same.
50	That the industry shall also ensure the compliance of all the other conditions of revised consent order no. 2022-23/CPM/8676 dated 23.12.2022.	Yes. We are complying the same.
51	That the industry shall submit the quarterly compliance report of all the above conditions to the State Board.	Yes. We are complying the same.
52	That this consent is being issued in supersession of earlier consent issued vide letter no.3242-3245 dated 11.12.2019.	Yes. Noted and we are complying the same.

53	That notwithstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of Air Act & Water Act.	We are communicating our agreement to comply with all other requirements of Air act & Water act.
54	That the grant of this Consent to Operate is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or 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.	We are communicating our agreement for this condition.
55	That the grant of this Consent to Operate shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.	We are communicating our agreement for this condition.
56	That the Project Proponent shall comply with provisions of the E-waste (Management) Rules, 2016 and ensure that e-waste generated by them is channelized through collection centre or dealer of authorized producer or dismantler or recycler or through designated take back service provider of the producer to authorized dismantler or recycler.	We maintain the generation record of E-waste and submit annual return in form 3 annually. E- waste is disposed off to registered recycler only and ensuring the compliance as per board condition.
57	That the Project Proponent shall maintain record of e-waste generated by them in Form-2 and make such records available for scrutiny by the Board.	We maintain the generation record of E-waste in form no. 2 and complying with.
58	That the Project Proponent shall file annual returns in Form-3, to the Board on or before the 30th day of June following the financial year to which that return relates.	We submit the annual return of E-waste in form no. 3 annually by the 30th Jun of every year.
59	That the transportation of e-waste shall be carried out as per the manifest system whereby the transporter shall be required to carry a document (three copies) prepared by the sender, giving the details as per Form-6.	During disposal of E-waste, we fill and maintain all copies of manifest in form -6 and provide the three copies to the transporter after details completion.
60	That the Project Proponent shall comply with provisions of the Batteries (Management and Handling) Rules, 2001 (as amended) and submit half yearly returns (as bulk consumer, importer, auctioneer, recycler as the case may be) to the State Board as provided under Rule 10 (2) (ii) of the Battery (Management and Handling) Rules, 2001 (as amended). In case the Project Proponent is not a bulk consumer even then the used batteries shall be returned to the authorized dealers or recyclers only.	We submit the half yearly return in form VIII of battery waste time to time and also ensuring the disposal of battery waste to the registered recycler or dealers only.
61	That the record of batteries purchased and sold/ returned to registered dealers and/ or authorized recyclers shall be maintained and made available to the officers of the Board during inspections.	Ensuring the disposal of battery waste to the registered recycler or dealers only. We are also maintaining the battery waste generation record and complying.

MONTHLY ENVIRONMENT MONITORING REPORT

Annexure-1

STACK MONITORING REPORT

MONTH: JAN-2025

S. No	Stack Mark	Stack attached to	Stack DIA (In mm)	Stack Height. From G.L. (mtrs.)	Operating conditions	Temp. of Gases °c	Velocity (m/sec)	Volume of Gas in Stack (Nm3/ Min)	PM (Mg/ Nm3)	Raw Mill/ Kiln SO_2 (mg/Nm^3)	Raw Mill/ Kiln NO_x (mg/Nm^3)
1	A	Crusher	800	31	All readings were taken under normal operating conditions.	42	12.7	361.30	13.79	13.68	451.30
2	B	Screen House	480	31		43	9.4	96.65	17.99		
3	C	RM Sec. Crusher	1050	38		46	9.3	453.39	16.71		
4	D	Kiln Feed Section	900	39		41	9.5	343.40	17.32		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		136	15.0	2266.20	18.54		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quarcher Stack (Kiln outlet)	1650	30		161	14.4	1268.81	20.48		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		66	9.9	261.14	8.25		
10	J	Petro Coke Mill - III	980	40		65	9.8	389.56	7.42		
11	K	Clinker Tunnel	800	30		55	9.3	255.54	15.72		
12	L	Cement Mill -I & II	650	30		68	9.0	155.99	9.79		
13	M	Cement Mill -III	650	30		67	9.4	164.38	11.58		
14	N	Packing Plant (50 kg)	450	32		46	8.8	78.66	17.21		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		47	8.5	239.52	16.36		
16	P	Boiler Stack (TPP)	1200	72		plant under shutdown				under shutdown	

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: JAN-2025

SR.	DATE	LOCATION	PM_{10} $\mu g/M^3$	$PM_{2.5}$ $\mu g/M^3$	SO_2 $\mu g/M^3$	NOx $\mu g/M^3$	CO $\mu g/M^3$
1	01.01.2025	132 KV SS	47.75	34.43	13	18	1293
2	31.01.2025	132 KV SS	49.03	32.65	12	16	1304
3	01.01.2025	Rest Shelter	46.24	31.22	10	19	1282
4	31.01.2025	Rest Shelter	47.16	32.51	13	17	1316
5	01.01.2025	EDP	45.83	31.52	12	15	1304
6	31.01.2025	EDP	45.01	30.38	14	17	1339
7	01.01.2025	CS-11	47.38	32.21	12	18	1304
8	31.01.2025	CS-11	48.01	33.93	13	16	1282

STACK MONITORING REPORT

MONTH: FEB-2025

S. No	Stack Mark	Stack attached to	Stack DIA (In mm)	Stack Height. From G.L. (mtrs.)	Operating conditions	Temp. of Gases °c	Velocity (m/sec)	Volume of Gas in Stack (Nm3/ Min)	PM (Mg/ Nm3)	Raw Mill/ Kiln SO2 (mg/Nm^3)	Raw Mill/ Kiln NOx (mg/Nm^3)
1	A	Crusher	800	31	All readings were taken under normal operating conditions.	41	12.4	354.33	15.18	43.98	612.64
2	B	Screen House	480	31		44	9.8	100.04	17.22		
3	C	RM Sec. Crusher	1050	38		45	9.5	464.46	16.45		
4	D	Kiln Feed Section	900	39		42	9.7	350.33	15.07		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		138	14.7	2220.23	17.65		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quencher Stack (Kiln outlet)	1650	30		158	14.2	1262.86	20.95		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		65	9.5	253.72	16.64		
10	J	Petro Coke Mill - III	980	40		63	9.7	387.80	10.49		
11	K	Clinker Tunnel	800	30		61	9.0	242.98	14.87		
12	L	Cement Mill -I & II	650	30		67	9.3	163.05	9.54		
13	M	Cement Mill -III	650	30		65	8.8	153.86	10.78		
14	N	Packing Plant (50 kg)	450	32		47	8.5	75.08	16.59		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		49	8.6	240.98	17.55		
16	P	Boiler Stack (TPP)	1200	72		plant under shutdown				under shutdown	

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: FEB-2025

SR.	DATE	LOCATION	PM_{10} $\mu g/M^3$	$PM_{2.5}$ $\mu g/M^3$	SO_2 $\mu g/M^3$	NOx $\mu g/M^3$	CO $\mu g/M^3$
1	01.02.2025	132 KV SS	49.11	32.80	14	17	1270
2	28.02.2025	132 KV SS	46.09	31.07	12	18	1293
3	01.02.2025	Rest Shelter	45.80	32.45	13	16	1304
4	28.02.2025	Rest Shelter	45.39	29.06	11	15	1327
5	01.02.2025	EDP	44.96	32.66	13	16	1282
6	28.02.2025	EDP	44.11	30.93	14	18	1293
7	01.02.2025	CS-11	45.50	32.93	13	17	1339
8	28.02.2025	CS-11	45.08	32.29	14	19	1316

STACK MONITORING REPORT

MONTH: MAR-2025

S. No	Stack Mark	Stack attached to	Stack DIA (in mm)	Stack Height. From G.L. (mtrs.)	Operating conditions	Temp. of Gases °c	Velocity (m/sec)	Volume of Gas In Stack (Nm3/ Min)	PM (Mg/ Nm3)	Raw Mill/ Kiln SO2 (mg/Nm^3)	Raw Mill/ Kiln NOx (mg/Nm^3)
1	A	Crusher	800	31	All readings were taken under normal operating conditions.	42	11.6	331.74	17.12	35.52	414.56
2	B	Screen House	480	31		40	10.3	106.78	14.62		
3	C	RM Sec. Crusher	1050	38		45	9.9	481.24	15.04		
4	D	Kiln Feed Section	900	39		43	10.0	359.50	17.36		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		135	14.3	2162.00	19.03		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quencher Stack (Kiln outlet)	1650	30		154	13.9	1242.28	19.42		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		63	8.9	238.05	11.36		
10	J	Petro Coke Mill - III	980	40		67	8.7	345.47	14.83		
11	K	Clnker Tunnel	800	30		64	9.0	239.80	13.06		
12	L	Cement Mill -I & II	650	30		63	9.3	164.01	9.80		
13	M	Cement Mill -III	650	30		62	8.7	154.54	10.68		
14	N	Packing Plant (50 kg)	450	32		46	9.3	82.64	15.24		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		48	9.6	268.36	14.39		
16	P	Boiler Stack (TPP)	1200	72		Plant under shutdown				under shutdown	

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: MAR-2025

SR.	DATE	LOCATION	PM_{10} µg/M^3	$PM_{2.5}$ µg/M^3	SO_2 µg/M^3	NOx µg/M^3	CO µg/M^3
1	01.03.2025	132 KV SS	46.34	31.24	15	17	1259
2	29.03 2025	132 KV SS	46.05	34.29	13	19	1316
3	01.03.2025	Rest Shelter	44.57	35.38	11	16	1282
4	29.03.2025	Rest Shelter	45.59	32.33	12	17	1316
5	01.03.2025	EDP	45.72	30.82	14	18	1304
6	29.03.2025	EDP	43.17	30.25	15	17	1327
7	01.03.2025	CS-11	41.85	32.54	16	19	1316
8	29.03.2025	CS-11	50.91	33.93	13	16	1327

ENVIRONMENT JKWC

Quarterly Monitoring Report from NABL approved Laboratory M/s Vibrant Techno Lab Pvt. Ltd. Jaipur is attached as Annexure-2.

TEST REPORT

VIBRANT
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TC-11227

Sample Number:	VTL/AA/01-04	Report No.:	VTL/A/2503270017-20/A
Name & Address of the Party	M/s JK White Cement Works (Unit of JK Cement Ltd.)Vill. & Po.- Gotan, Dist.-Nagaur, Rajasthan	Format No.:	7.8 F 02
		Party Reference No.:	NIL
		Report Date:	31/03/2025
Sample Description:	Ambient Air Quality Monitoring	Period of Analysis:	27 - 31/03/2025
		Receipt Date	27/03/2025

General Information:-	
Sample collected by	: VTL Team
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear sky
Date of Sampling	: 21/03/2025 to 22/03/2025
Ambient Temperature (°C)	: Min. 18°C, Max. 36 °C
Surrounding Activity	: Human , Vehicular &Plant Activities
Scope of Monitoring	: Regulatory Requirement
Sampling & Analysis Protocol	: IS-5182 & CPCB Guidelines
Sampling Duration	: 24 hrs.
Parameter Required	: As Per Work Order

Sr.	Parameter	Protocol	Location & Lat/Long				Unit	NAAQS 2009
			132 KVSS	Rest Shelter /Dooloomite Ramp	EDP Club Building	CS-11		
			23°44'46"E 26°38'50"N	23°44'32"E 26°38'43"N	73°44'33"E 26°38'30"N	73°43'46"E 26°36'28"N		
1.	Particulate Matter (PM10)	IS:5182 (P-23), 2006, RA 2022	74.89	77.24	70.15	68.52	µg/m³	100
2.	Particulate Matter (PM2.5)	IS 5182 (P-24) -2019	38.62	40.16	36.68	34.01	µg/m³	60
3.	Sulphur Dioxide (SO2)	IS: 5182 (P-2):Sec 1 2023	6.74	12.10	[illegible]	8.29	µg/m³	80
4.	Nitrogen Dioxide (NO2)	IS: 5182 (P-6), 2006 RA 2022	19.84	21.95	17.59	16.48	µg/m³	80
5.	Carbon Monoxide (as CO)	IS:5182 (P-10) -1999, RA2019 (NDIR)	0.70	0.85	0.82	0.68	mg/m³	4
6.	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA 2022	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	µg/m³	5
7.	Ammonia (as NH3)	IS 5182 (P-25) -2018	*BLQ(**LOQ10.0)	*BLQ(**LOQ10.0)	*BLQ(**LOQ10.0)	*BLQ(**LOQ10.0)	µg/m³	400
8.	Ozone (as O3)	IS:5182 (P-9):1974, RA.2019	16.49	18.87	15.32	13.20	µg/m³	180
9.	Lead (as Pb)	IS:5182 (P-22):2004, RA.2019	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	µg/m³	1
10.	Arsenic (as As)	VTL/STP/02/SOP/09	*BLQ(**LOQ0.5)	*BLQ(**LOQ0.5)	*BLQ(**LOQ0.5)	*BLQ(**LOQ0.5)	ng/m³	6
11.	Nickel (as Ni)	IS 5182 (P-26) -2020	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	ng/m³	20
12.	Benzo (a) Pyrene	IS:5182 (P-12):2004, RA.2019	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	ng/m³	1

End of the Report

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

Checked By

RK Yadav
Lab Incharge
Authorized Signatory

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

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TEST REPORT

VIBRANT

TC-11227

Sample Number:	VTL/AN/01-04	Report No.:	VTL/N/2503270017-20/A
Name & Address of the Party:	M/s JK White Cement Works (Unit of JK Cement Ltd.)Vill. & Po.- Gotan, Dist.-Nagaur, Rajasthan	Format No.:	7.0 F 04
		Party Reference No.:	NIL
		Report Date:	31/03/2025
Sample Description:	Ambient Noise Level Monitoring	Receipt Date:	27/03/2025
Scope of Monitoring	Regulatory Requirment	Sampling Duration	24 Hrs.
Protocol Used:	IS 9989	Sample Collected by	VTL Team
Instrument Used:	SLM	Instrument Calibration Status	Calibrated

Ambient Noise Level Monitoring Results

General Information:-	
Meteorological condition during monitoring	: Clear sky
Date of Monitoring	: 21/03/2025 to 22/03/2025
Time of Monitoring	: 06:00 AM to 06:00AM
Ambient Temperature (°C)	: Min. 18°C, Max. 36°C
Surrounding Activity	: Human, Vehicular & Plant Activities
Parameter Required	: As per Work Order

Sr.	Test Parameter	Protocol	Location & Lations							
			[illegible] 73°44'46"E 26°38'30"N		Rest Shelter Mualamma Pump 73°44'32"E 26°38'43"N		ENP Club Building 73°44'33"E 26°38'30"N		CS-11 73°44'46"E 26°38'28"N	
			Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
1.	Noise Level L_{eq} dB(A)	IS:9989-1981, RA 2020	63.7	50.0	59.4	42.3	55.9	41.2	54.3	39.0

Category of Zones	Leq in dB (A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2. Night Time is reckoned between 10.00 PM to 6.00 AM.
3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

----------End of the Report----------

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

Checked By

RK Yadav
Lab Incharge
Authorized Signatory

Term & Conditions Apply

VIBRANT

TEST REPORT

Sample Number : VTL/S/03

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur, Rajasthan

Report No. : VTL/S/2503270003/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 31/03/2025
Period of Analysis : 27/03/2025-31/03/2025
Receipt Date : 27/03/2025

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Raw Mill/ Kiln ESP-1
Sample Collected By	:	VTL Team
Date of Sampling	:	27/03/2025
Sampling duration (Minutes)	:	20 min. (11:00 to 11:20 hrs.)
Stack attached to	:	ESP
Make of stack	:	MS
Diameter of stack(m)	:	2.1 m
Height of stack(m)	:	65 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	28°C
Temperature of Stack Gases - Ts (°C)	:	154
Velocity of Stack Gases (m/sec.)	:	16.50
Flow rate of PM (LPM)	:	49
Flow rate of Gas (LPM)	:	2.0
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	23.76	mg/Nm3	30
2	Sulphur Dioxide (SO2)	IS: 11255(P- 2): 1985, RA 2019	74.55	mg/Nm3	100
3	Carbon Monoxide (CO)	USEPA 10, 1996	0.09	mg/Nm3	--
4	Oxide of Nitrogen (NOx)	IS 11255 (P- 7) 2005, RA 2022	451.22	mg/Nm3	800

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
Authorized Signatory

Page No. 1/1

Term & Conditions Apply

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

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TEST REPORT

VIBRANT
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Sample Number : VTL/S/04
Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur, Rajasthan

Report No. : VTL/S/2503270004/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 31/03/2025
Period of Analysis : 27/03/2025-31/03/2025
Receipt Date : 27/03/2025

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Clinker Quencher (Steam Exhaust ESP)
Sample Collected By	:	VTL Team
Date of Sampling	:	21/03/2025
Sampling duration (Minutes)	:	36 min. (13:00 to 13:36 hrs.)
Stack attached to	:	ESP
Make of stack	:	MS
Diameter of stack(m)	:	1.80 m
Height of stack(m)	:	30 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	32°C
Temperature of Stack Gases - Ts (°C)	:	232
Velocity of Stack Gases (m/sec.)	:	11.10
Flow rate of PM (LPM)	:	28
Flow rate of Gas (LPM)	:	–
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	–

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	18.08	mg/Nm3	30

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.
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20

TEST REPORT

VIBRANT
"Experience the unimaginable"

Sample Number : VTL/S/05

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur, Rajasthan

Report No. : VTL/S/250327000S/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 31/03/2025
Period of Analysis : 27/03/2025-31/03/2025
Receipt Date : 27/03/2025

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Pet Coke/ Coal Mill-02
Sample Collected By	:	VTL Team
Date of Sampling	:	22/03/2025
Sampling duration (Minutes)	:	28 min. (09:30 to 09:58 hrs.)
Stack attached to	:	Bag House
Make of stack	:	MS
Diameter of stack(m)	:	0.60 m
Height of stack(m)	:	39 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	20°C
Temperature of Stack Gases - Ts (°C)	:	78
Velocity of Stack Gases (m/sec.)	:	10.01
Flow rate of PM (LPM)	:	35
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	19.0	mg/Nm3	30

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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Lab Incharge
Authorized Signatory

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TEST REPORT

IC-11227

Sample Number : VTL/S/04

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur, Rajasthan

Report No. : VTL/S/2503270006/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 31/03/2025
Period of Analysis : 27/03/2025-31/03/2025
Receipt Date : 27/03/2025

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Pet Coke/ Coal Mill-03
Sample Collected By	:	VTL Team
Date of Sampling	:	22/03/2025
Sampling duration (Minutes)	:	29 min. (11:00 to 11:29 hrs.)
Stack attached to	:	Bag House
Make of stack	:	MS
Diameter of stack(m)	:	0.98 m
Height of stack(m)	:	41 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	24°C
Temperature of Stack Gases - Ts (°C)	:	71
Velocity of Stack Gases (m/sec.)	:	9.16
Flow rate of PM (LPM)	:	34
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	15.31	mg/Nm3	30

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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22

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TEST REPORT

TC-11227

Sample Number : VTL/S/05

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill & Po. Gotan, Dist. - Nagaur, Rajasthan

Report No. : VTL/S/2503270007/A
Format No : 7.6/F-03
Party Reference No : NIL
Report Date : 31/03/2025
Period of Analysis : 27/03/2025-31/03/2025
Receipt Date : 27/03/2025

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Cement Mill -1 & 2
Sample Collected By	:	VTL Team
Date of Sampling	:	22/03/2025
Sampling duration (Minutes)	:	36 min. (12:30 to 13:06 hrs.)
Stack attached to	:	Bag House
Make of stack	:	MS
Diameter of stack(m)	:	0.93 m
Height of stack(m)	:	30 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	28°C
Temperature of Stack Gases - Ts (°C)	:	89
Velocity of Stack Gases (m/sec.)	:	7.44
Flow rate of PM (LPM)	:	28
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	14.57	mg/Nm3	30

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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TEST REPORT

VIBRANT
"Experience the unimaginable"

TC-11223

Sample Number : VTL/S/08

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur, Rajasthan

Report No. : VTL/S/2503270008/A
Format No : 7.3 F-03
Party Reference No : NIL
Report Date : 31/03/2025
Period of Analysis : 27/03/2025-31/03/2025
Receipt Date : 27/03/2025

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	: Cement Mill -3
Sample Collected By	: VTL Team
Date of Sampling	: 21/03/2025
Sampling duration (Minutes)	: 26 min. (14:10 to 14:36 hrs.)
Stack attached to	: Bag House
Make of stack	: MS
Diameter of stack(m)	: 0.69 m
Height of stack(m)	: 30 m
Instrument calibration status	: Calibrated
Meteorological Condition	: Clear Sky
Ambient Temperature - Ta (°C)	: 33°C
Temperature of Stack Gases - Ts (°C)	: 67
Velocity of Stack Gases (m/sec.)	: 10.35
Flow rate of PM (LPM)	: 39
Flow rate of Gas (LPM)	: --
Sampling condition	: OK
Protocol used	: IS 11255 & USEPA
Coordinates	: --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	13.30	mg/Nm3	30

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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TEST REPORT

Sample Number : VTL/S/017

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur, Rajasthan

Report No. : VTL/S/2503270017/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 31/03/2025
Period of Analysis : 27/03/2025-31/03/2025
Receipt Date : 27/03/2025

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	DG Set 250 KVA
Sample Collected By	:	VTL Team
Date of Sampling	:	24/03/2025
Sampling duration (Minutes)	:	30 min. (10:00 to 10:30 hrs.)
Stack attached to	:	Acoustic Enclosed
Make of stack	:	MS
Diameter of stack(m)	:	0.90 m
Height of stack(m)	:	30 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	24°C
Temperature of Stack Gases - Ts (°C)	:	125
Velocity of Stack Gases (m/sec.)	:	10.44
Flow rate of PM (LPM)	:	33
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Carbon Monoxide (CO)	USEPA 10: 1996	1.71	gm/kw-hr	3.5
2	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.017	gm/kw-hr	0.02
3	Oxide of Nitrogen (NOX))	IS 11255 (P- 7) 2005; RA 2022	0.27	gm/kw-hr	0.40
4	Total Hydrocarbon (HC)	USEPA 18: 1996	0.13	gm/kw-hr	0.19
5	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	3.42	gm/kw-hr	Not Specified

*BLQ= Below Limit Of Quantification; **LOQ= Limit Of Quantification

End of Report

Checked by

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Page No. 1/1

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ENVIRONMENT

25

TEST REPORT

TC-11227

VIBRANT
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Sample Number : VTL/WW/02

M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur, Rajasthan

Name & Address of the Party :

Sample Description	: Waste Water
Sampling Location	: STP Outlet (STP Treated Water) 500 KLD STP
Sample Collected By	: VTL Team
Preservation	: Suitable Preservation
Method of sampling	: IS :3025

ULR No.	: TC112272500000405F
Report No.	: VTL/WW/250327/0002/A
Format No	: 7.8 F-01
Party Reference No	: NIL
Report Date	: 31/03/2025
Period of Analysis	: 27/03/2025-31/03/2025
Receipt Date	: 27/03/2025
Sampling Date	: 23/03/2025
Sampling Type	: Grab
Sample Quantity	: 2 Ltr.
Coordinates	: 73.748795 N & 26.638279E

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.72	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	18.40	mg/l	20
3	Temperature	IS: 3025 (P-9): 2023	2.52	°C	Shall not exceed 5°C above the receiving water temperature
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Ammonical Nitrogen (as NH3-N)	IS : 3025 (P-34) Sec 1 2023 (Clause 5.3)	4.32	mg/l	5.0
6	Total Kjeldahl Nitrogen (as NH3)	IS : 3025 (P-34) Sec 1 :2023 (Clause 8.0)	6.84		10
7	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 2023	8.25	mg/l	10
8	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	30.60	mg/l	50
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2018	949.71	mg/l	-
10	Sulphide (as S)	IS: 3025 (P-29) : 2022 (Clause 6.0)	*BLQ(**LOQ-0.1)	mg/l	2
11	Residual Free Chlorine	IS: 3025 (P-26): 2021 (Clause 5.0)	0.72	mg/l	1.0
12	Faecal coliform	APHA 24th Edition 9221 C ,2023	49	MPN/100 ml	<100

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
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Annexure- 3

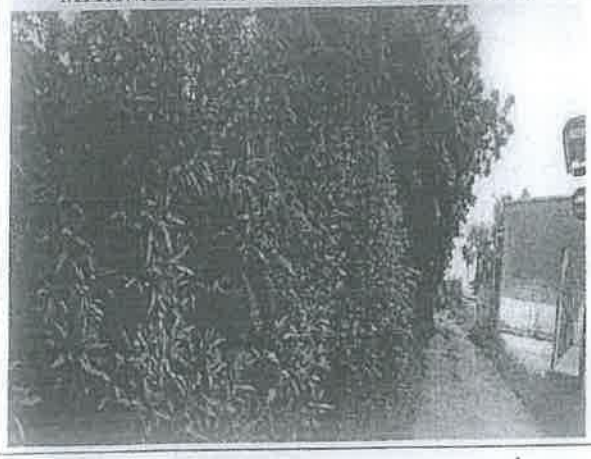
PLANTATION INSIDE THE PLANT

PLANTATION INSIDE THE PLANT

PLANTATION INSIDE THE PLANT

PLANTATION INSIDE THE PLANT

MIYAWAKI PLANTATION AT BOUNDARY



PLANTATION INSIDE THE COLONY

ıta Labs Limited
stered Office
IDA Phase II, Cherlapally
erabad-500 051, Telangana, India
91 40 2726 4141
91 40 2726 3657

Vimta
Driven by Quality. Inspired by Science.

ISSUED TO:
M/S. J.K. WHITE CEMENT WORKS
Unit: - J.K. CEMENT LTD
P O. GOTAN, DISTT. NAGAUR
RAJASTHAN-342902
INDIA.

Report Number : VLL/VLS/24/24205/001
Issued Date : 2025.04.01
P.O. Number : 4600003729
P.O. Date : 2024.09.20

SAMPLE PARTICULARS : **Source Emission Monitoring for Raw Mill Kiln ESP Stack-1 (Co- Processing with TDI TAR, Spent Carbon, Waste Mix Liquid, Waste Mix Solid, Process residue and Distillation Residue with Pet Coke)**

Sample Registration Date : 2025.03.06
Sample Collection Date : 2025.03.03
Analysis Starting Date : 2025.03.06
Analysis Completion Date : 2025.04.01
Test Required : PM, SO_2, NOx, HCl, HF, CO, O_2 and TOC.
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	Parameters	UoM	Method of Testing	Results	Limits as per MoEF&CC Notification GSR 497(E)
1	Diameter of stack	m	-	2.10	--
2	Flue gas temperature	°C	-	124	--
3	Fuel	-	Pet Coke+ TDI TAR	NA	--
4	Oxygen as O_2	%	Flue Gas Analyzer	8.6	--
5	Velocity	m/sec	USEPA Method -3	16.3	--
6	Volumetric flow rate	Nm^3/Sec	USEPA Method -3	37.71	--
7	Particulate Matter	mg/Nm^3	USEPA method-5	23.5	<30
8	Sulphur Dioxide	mg/Nm^3	Flue Gas Analyzer	45.2	<100
9	Oxides of Nitrogen, NOx as NO_2	mg/Nm^3	Flue Gas Analyzer	290.0	<800
10	Hydrogen Chloride as HCl	mg/Nm^3	USEPA method -26	2.0	<10
11	Hydrogen Fluoride as HF	mg/Nm^3	USEPA method -13	<0.1	<1.0
12	Carbon Monoxide as CO	mg/Nm^3	Flue Gas Analyzer	74.0	<100
13	Total Organic Compounds as TOC	mg/Nm^3	USEPA method -40 & MM5(10)	3.0	<10

All the Values are represented at 10% O_2

Dr. SubbaReddy Mallampati
Manager-Environment.

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ISSUED TO:
M/S. J.K. WHITE CEMENT WORKS
Unit: - J.K. CEMENT LTD
P O. GOTAN, DISTT. NAGAUR,
RAJASTHAN-342902
INDIA.

Report Number : **VLL/VLS/24/24205/001**
Issued Date : **2025.04.01**
P.O. Number : **4600003729**
P.O. Date : **2024.09.20**

SAMPLE PARTICULARS : **Source Emission Monitoring for Raw Mill Kiln ESP Stack-1 (Co- Processing with TDI TAR, Spent Carbon, Waste Mix Liquid, Waste Mix Solid, Process residue and Distillation Residue with Pet Coke)**

Sample Registration Date : 2025.03.06
Sample Collection Date : 2025.03.03
Analysis Starting Date : 2025.03.06
Analysis Completion Date : 2025.04.01
Test Required : Hg & its compounds, Cd + Tl its compounds, Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their compounds

Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr.No.	Parameters	UoM	Method of Testing	Results	Limits as per MoEF&CC Notification GSR 497(E)
1	Mercury as Hg + their Compound	mg/Nm³	USEPA method -29	0.006	**<0.05**
2	Cadmium + Thallium (Cd + Tl) + their Compound			<0.001	<0.05
3	Chromium as Cr + their Compound			0.020	**(Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their compounds) < 0.5**
	Manganese as Mn + their Compound			0.019	
	Arsenic as As + their Compound			0.016	
	Antimony as Sb + their Compound			0.020	
	Lead as Pb + their Compound			0.021	
	Cobalt as Co + their Compound			0.017	
	Copper as Cu + their Compound			0.008	
	Nickel as Ni + their Compound			0.020	
	Vanadium as V + their Compound			0.018	
	Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their compounds			**0.159**	

All the values are represented at 10% O2

Dr. SubbaReddy Mallampati
Manager-Environment.

nta Labs Limited
istered Office
, ID A Phase II, Chertapally
era bad-500 051,Telangana, India
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-91 40 2726 3657

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ISSUED TO:
M/S. J.K. WHITE CEMENT WORKS
Unit: - J.K. CEMENT LTD
P O. GOTAN, DISTT. NAGAUR,
RAJASTHAN-342902
INDIA.

Report Number	:	VLL/VLS/24/24205/001
Issued Date	:	2025.04.01
P.O. Number	:	4600003729
P.O. Date	:	2024.09.20

SAMPLE PARTICULARS	:	Source Emission Monitoring for Raw Mill Kiln ESP Stack-1 (Co- Processing with TDI TAR, Spent Carbon, Waste Mix Liquid, Waste Mix Solid, Process residue and Distillation Residue with Pet Coke)		
Sample Registration Date	:	2025.03.06	Sample Collection Date :	2025.03.03
Analysis Starting Date	:	2025.03.06	Analysis Completion Date :	2025.04.01
Test Required	:	PCDD & PCDF		

Sample collected by Vimta Labs Ltd.

TEST REPORT

Sr.No.	Congeners of Dioxins and Furans	UoM	Results
1	2,3,7,8-TCDD	ng/Nm³, TEQ	0.0095
2	1,2,3,7,8-PeCDD		0.0033
3	1,2,3,4,7,8-HxCDD		0.0002
4	1,2,3,6,7,8-HxCDD		0.0002
5	1,2,3,7,8,9-HxCDD		0.0002
6	1,2,3,4,6,7,8-HpCDD		0.0015
7	OCDD		0.0000
8	2,3,7,8-TCDF		0.0015
9	1,2,3,7,8-PeCDF		0.0002
10	2,3,4,7,8-PeCDF		0.0025
11	1,2,3,4,7,8-HxCDF		0.0002
12	1,2,3,6,7,8-HxCDF		0.0003
13	1,2,3,7,8,9-HxCDF		0.0002
14	2,3,4,6,7,8-HxCDF		0.0002
15	1,2,3,4,6,7,8-HpCDF		0.0001
16	1,2,3,4,7,8,9-HpCDF		0.0000
17	OCDF		0.0000
Total Furans & Dioxins		ng/Nm³, TEQ	**0.0227**
Total Furans & Dioxins		ng/Nm³, TEQ Corrected to 10% O_2 Concentration	**0.0202**
Limits as per MoEF & CC Notification GSR 497(E)			<0.1

Method of Testing: As per USEPA 23 A & 8290
Instruments used: Auto spec Premier (HRGC/HRMS). Detection Limit: 0.01ng

Dr. SubbaReddy **Mallampati**
Manager-Environment.

30

JK White Cement Works, Gotan
A Unit of JK Cement Ltd.
CIN: L17229UP1994PLC017199
P.O. Gotan - 342 902, Dist - Nagaur (Rajasthan), India
+01591 230201-03 (PBX), 230976 (D), +01591 230206
www.jkcement.com

JKWC/PLG/ENV/03/ REGD A/D

Date: 18.01.2025

The Member Secretary,
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur (Rajasthan) - 302 004

C- 024
Cement

Sub: Compliance Report of Consent to Operate conditions under Air & Water Act of **M/s JK White Cement Works**, situated at P.O. Gotan Distt. Nagaur Rajasthan for the period from Oct-2024 to Dec-2024 (Quarter-3) of FY 2024-25.

Reference: F(CPM)/Nagaur(Merta)/5(1)/2022-2023/5454-5456 dated 10/11/2023, and Order No: 2023- 2024/CPM/9099.

Dear Sir,

As above subjected matter, submitting herewith the point - wise compliance report of the conditions of consent to operate as per communicated board vides letter no. mentioned as reference. Following is the compliance status of CTO under Air & Water Act for the period from Oct-2024 to Dec-2024 (Quarter-3) of FY 2024-25 is attached.

We hope that you will find all the information in order.

Thanking you,

Yours faithfully

For J. K. WHITE CEMENT WORKS.

Dr. Ranjeet Kumar Bagariya
Authorised Signatory

Copy to: Regional Officer,
Reg. A/d Rajasthan State Pollution Control Board
First Floor, Sehkari Bhoomi Vikas Bank Ltd., Nagaur- 34100.
Encl: as above

Compliance Conditions:

Sr.	Conditions	Compliance Status
1	That this Consent to Operate is valid for period from 01/02/2024 to 31/01/2029.	We are communicating our agreement for the validity of consent.
2	That this Consent is granted for manufacturing/producing following products/by product or carrying out the following activities or operation/processes or providing following services with capacities given below. Particular / Type / Quantity with Unit CLINKER / Product / 600,000.00 TON PER ANNUM WHITE CEMENT / Product / 880,000.00 TON PER ANNUM	We are communicating our agreement for the condition of 600,000 TPA Clinker and 8,80,000 TPA White Cement productions.
3	That this consent to operate is for existing plant process & capacity and separate consent to establish/ operate is required to be taken for any addition/ modification/alteration in process or change in capacity or change in fuel.	We are communicating our agreement for obtaining fresh Consent to Establish & Operate for further change / alteration / modification / expansion if any.
4	That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under: Type of effluent / Max. effluent generation (KLD) / Recycled Qty of effluent (KLD) / Disposed Qty. of effluent (KLD) and mode of disposal Domestic Sewage / 13.00 / Nil / 13.00 KLD - To be treated in STP and to be used in plantation and horticulture	There is no industrial wastewater generated from the unit. Domestic wastewater generated from the office toilets, canteen & guesthouse etc. is being treatment through STP (500 KLD capacity) and treated water used in plantation and horticulture.
5	That the sources of air emission along with pollution control measures and the emission standards for the prescribed parameters shall be under: Sources of air Emissions / Pollution Control Measures / Prescribed Parameter / Standard Cement Mill -1&2 (50 TPH Each) / Adequate Stack Height, Pulse Jet Bag Filter / Particulate Matter / 30 mg/NM3 Cement Mill -3 (65 TPH) / Adequate Stack Height, Pulse Jet Bag Filter / Particulate Matter / 30 mg/NM3 One D.G set (250KVA) / Acoustic Enclosure, Adequate Stack Height / -- / -- Petcoke / Coal Mill - 3 (12 TPH) / Adequate Stack Height, Pulse Jet Bag Filter / Particulate Matter / 30 mg/NM3 Petcoke / Coal Mill - 1&2 (5 TPH Each) / Adequate Stack Height, Pulse Jet Bag Filter / Particulate Matter / 30 mg/NM3 Quencher Stack (Kiln Outlet) (73 TPH) / Adequate Stack Height, ESP / Particulate Matter / 30 mg/NM3 Raw Mill Kiln ESP 1&2 (73 TPH) / Adequate Stack Height, ESP / HCL SO2 Total Organic Carbon HF Total Dioxins & Furans Particulate Matter NOx / 10 mg/NM3 100 mg/NM3 10 mg/NM3 1 mg/NM3 0.1 ngTEQ/Nm3 30 mg/NM3 800 mg/NM3 0.05 mg/Nm3	The Adequate stack heights has provided at site for stacks. All stacks are provided with Bag Filter/Bag House/ESPs along with safe and adequate infrastructure for monitoring. Applicable monthly stack monitoring reports are being submitted to your good office. We are achieving the standards prescribed by the board w. r. t. emissions standards in stacks. We have installed continuous online opacity meters & analysers for monitoring of PM, SO_2 NOx emission & data Connected to PCB's Servers. Stack monitoring results are given in **Annexure-1** & third-party monitoring reports are attached as **annexure – 2.** The DG sets are used in emergency only. The 250 KVA DG set is used in emergency only. Two nos. of D.G sets (3500 KVA x 2) (7000 KVA) not in operation which have dismantled. Stack monitoring report of DG set is attached as **Annexure-2**

ENVIRONMENT JKWC

			Cd + Th +their compounds	0.05 mg/Nm3	
			Hg and its compounds Sb + As + Pb +Co+ Cr + Cu +Mn + Ni + V + their compounds	0.05 mg/Nm3	
	Two nos. of D.G sets (3500 KVA x 2) (7000 KVA)		CO Particulate Matter NOx NMHC	150 mg/NM3 75 mg/NM3 710 mg/NM3 100 mg/NM3	
6	That the domestic sewage shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal into Inland Surface Water. The main parameters for regular monitoring shall be as under. Parameters — Standards pH Value — Between 6.5 to 9.0 Biological oxidation Demand (3 days at 27 degree Celsius) — Not to exceed 10mg/l Chemical Oxygen Demand — Not to exceed 50mg/l NH4 - Ammoniacal Nitrogen (as N) — 10 mg/l N Total — 5 mg/l Total Suspended Solids — Not to exceed 20 mg/l Fecal Coliform (MPN per 100 ml) — Not to exceed 100				We are complying with all the parameters and regularly submitting the test reports to your good office. Treated water quality report of STP from recognized laboratory is attached herewith as **Annexure 2.**
7	That this consent to operate is valid for the production of clinker 6 00,000 TPA & white cement 8 80 000 TPA only.				We are communicating our agreement for the condition of clinker up to 6,00,000 TPA & white cement 880000 TPA White Cement production.
8	That the total capital investment as on 19.09.2023 as per the C. A certificate submitted by the unit is Rs 371.66 crores which includes the cost of land, building, plant & machinery and miscellaneous assets.				We are agreed this condition
9	That the industry shall comply with all the conditions imposed by the SEIAA, Jaipur while issue of environment clearance vide letter no. F(14)/SEIAA/SEAC Raj/Sectt/Project/ Cat.3(b)B1/ 1367)/11 12 dated 28/12/2012 and subsequently amended vide letter dated 29.03.2019				Noted, we are complying. Six monthly compliances are submitting to your office and MoEF&CC timely.
10	That no hazardous waste/ non hazardous waste, shall be used/co-processed in cement kiln without obtaining prior permission from CPCB & RPCB as per the provisions of Hazardous and Other Waste (Management & Transboundary) Rules, 2016 and consent to establish/operate from the State Board, if applicable.				Agreed.
11	That no fuel other than Indian coal/imported coal/petcoke shall be used in kiln without prior consent from the State Board.				Yes noted and complying with.
12	That the industry shall use Indian & imported coal/petcoke as feedstock in the manufacturing process in the kiln of cement plant only and quantity of petcoke use shall not exceed to 82500 tons per annum (7750 tons per month) without prior consent from the State Board. The quantity of petcoke permitted for import shall not exceed to 82500 tons per annum.				Agreed. We are submitting the petcoke detail on monthly basis to your office.
13	That the unit shall procure petcoke from Board's registered producer or refineries and their Board's registered / authorized dealers only or may import directly.				Agreed.
14	That the industry shall not store petcoke for more than its three months consumption.				We are ensuring compliance within the stipulated time.
15	That the industry may import the petcoke for its own use only and consignment shall be in the name of the industry. For import of petcoke the industry shall obtain registration from the State Board.				Agreed. We are complying the same.
16	That the trading of pet coke by the industry is not permitted.				Agreed. We are complying the same.
17	That the industry shall submit details of pet coke purchased from various sources during the month (imported, purchased from refineries or authorized dealers), quantity consumed dur				Agreed. We are submitting the petcoke detail on monthly basis to your office.

	the month and opening and closing stock to the State Board on monthly basis.	
18	That the industry shall maintain online continuous emission monitoring systems at all the main stacks (attached to kiln, coal mill, cement mill and clinker cooler etc) to monitor the emission level of particulate matter (PM), SO2 and NOx etc., and connectivity of the same shall be ensured with RSPCB, CPCB server during operation of the plant.	We have installed CEMS at all mentioned stacks & connected with RSPCB servers.
19	That for the control of fugitive emission guidelines/ code of practice as issued by CPCB will be followed.	Agreed. We are following the CPCB guidelines.
20	That all the recommendations made in the Charter of Corporate Responsibility for Environment Protection for Cement Plants shall be implemented.	Complying with the recommended conditions of Corporate Responsibility for Environment Protection, as applicable.
21	That the industry shall comply with revised emission standards as notified by the MoEF & CC, GoI New Delhi for cement plants vide gazette notification dated 25/08/2014(without co-processing of waste) subsequently amended on 9/05/2016 and notified vide notification dated 10/05/2016(with co-processing of waste), whichever is applicable.	Yes, we are complying with all revised emission guidelines as prescribed by the MOEF&CC, CPCB/RSPCB.
22	That guidelines on co-processing in cement industries issued by the Central Pollution Control Board shall be complied, if applicable.	Agreed. We are complying the same.
23	That the industry shall maintain stack of adequate height and adequate air pollution control measures at all the sources of air emissions so as to achieve the prescribed emission standards.	We have maintained all stacks with adequate height & PCM to meet the norms according to the guidelines.
24	That adequate infrastructure facility for stack emission monitoring shall be maintained at all the stacks viz. kiln, cooler, cement mill and coal mill etc.	Adequate infrastructure facility for stack emission monitoring has provided at all stacks viz, kiln, cooler, cement mill and coal mill etc.
25	That no additional source of air pollution shall be installed without prior consent from the State Board.	Agreed. We will not install additional source of air pollution without prior consent from the State Board.
26	That closed conveyor belts shall be used for the transfer of material to minimize the fugitive emissions.	All conveyers have been covered where the possibility of fugitive emission or transportation of powder form materials.
27	That the industry shall maintain dust collection and extraction system to control fugitive dust emissions at all the transfer points and loading/unloading areas.	We have maintained dust collection and extraction system to control fugitive dust emissions at all the transfer points and loading/unloading area at site.
28	That all the raw materials and products shall be stored in closed covered shed.	All the raw material (powder form) and products are stored in closed covered shed and silos.
29	That cemented roads shall be provided & maintained in good condition inside the premises to minimize the fugitive emissions due to vehicular movements.	All roads are cemented (Pucca) in plant premises and maintained in good condition to minimize the fugitive emissions due to vehicular movements.
30	That water sprinkling and cleaning of roads by vacuum cleaner shall be done regularly to control the fugitive emissions generated due to vehicular movement.	Water sprinkling system is installed for controlling fugitive emissions. Sweeping machine and vacuum cleaner has been deployed for regular cleaning to control the fugitive emissions generated due to vehicular movement.
31	That the recommendations of the policy briefs related to human health risk due to cement dust exposures shall be complied.	We are following recommendations of policy related to human health risk due to cement dust exposures. Our plant is ISO 9001, ISO 14001, ISO 45001, ISO 50001 & SA 8000 Certified. We are committed to demonstrate continual improvement in our Environmental, Occupational Health & Safety (EHS) performance.
32	That the power supply to the production/process shall be interlocked with the pollution control equipment that in the event of non-functioning of the pollution equipment/or increase in levels of pollutants, the production process stops automatically.	Pollution control measures interlocked with production equipment, which on increase in levels of pollutants, the production process stops automatically.
33	That separate energy meter & hour meter shall be provided and maintained at all the air pollution control measures & STP and daily record of running hours of pollution control measures and energy consumption shall be maintained in logbook.	We are maintaining all records as per condition.

34	The industry shall comply with the MoEF&CC, Government of India, Notification dated 14th September 1999, amended up to date relating to fly ash management and shall provide relevant details to the State Board, MoEF &CC, and Government of India.	Not applicable, there is no use of fly ash because plant is engaged in white cement production.
35	That industry shall maintain continuous ambient air quality monitoring stations in all directions for monitoring of gaseous emissions and particulate matter in the ambient air and records of the same shall be submitted on quarterly basis to the State Board.	We have maintained four number of continuous ambient air quality monitoring stations and four number manual stations in all directions. The continuous ambient air quality monitoring station is connected to PCB's servers. Quarterly monitoring reports are submitting timely to your good office and report is attached as **Annexure-1.**
36	That the total water consumption shall not exceed to 1077 KLD (Boiler/cooling-100.00 KLD, industrial use- 805 KLD, domestic use- 17 KLD and others- 155.00 KLD, and the freshwaterrequirement shall be met from ground water (877 KLD) and recycled water from STP (200 KLD).	Agreed. We are complying the same.
37	That the industry shall comply with all the conditions of CGWA NOC for abstraction of ground water up to 1050 m3/day issued vide NOC No. CGWA/NOC/IND/REN/2/2021/ 59674 with validity up to 29.11.2022. The industry shall get renewed the NOC for drawl of groundwater from CGWA and submit a copy of the same to this office within 03 months.	The NOC of ground water abstraction is received dated 22.08.2024 valid up to 29.11.2024 with 945 KLD (945X360). Again, renewal application was submitted on 28.11.2024 which is under progress which deemed valid up to 29.11.2026 as per notification
38	That ground water in excess to 1050 KLD shall not be abstracted without prior permission from CGWA and the State Board.	Agreed. We are complying as issued water NOC.
39	That the water meter shall be installed and maintained at all the borewells to measure the quantity of daily ground water withdrawal & record of the same shall be maintained on daily basis	Digital water flow meters along with telemetry system are installed at all bore wells and records is being maintained.
40	That the domestic wastewater generated from the cement plant shall not exceed to 13.00 KLD. The domestic wastewater shall be treated through existing sewage treatment plant (STP) of 500 KLD located in the colony as per standards mentioned at condition no.7 and the same shall be used for in-situ and other purposes within the premises.	Agreed. We are complying the same.
41	That no trade effluent and domestic waste water will be discharged inside or outside the factory premises in to a stream or well or sewer or on land.	Agreed. No trade effluent and domestic wastewater is being discharged inside or outside the factory premises in to a stream or well or sewer or on land.
42	That suitable flow measuring devices/ meters on the inlet and outlet of STP shall be maintained. Daily record of domestic wastewater generation and its treatment and utilization shall be maintained.	Flow measuring digital meter is installed on the inlet and outlet of STP and daily record is maintained. Treated water is used in plantation / horticulture activity.
43	That industry shall comply with the provisions of Hazardous & others Waste (Management, & Transboundary Movement) Rules, 2016 and record of daily hazardous waste generation and its disposal shall be maintained.	Complied with.
44	That the industry shall carryout effluent sampling/stack monitoring/ambient air quality monitoring and submit quarterly analysis report from the State Board laboratory/ laboratory recognized by Ministry of Environment & Forests (MoEF), Government of India.	Monitoring of effluent sampling/stack monitoring/ambient air quality reports is being done on quarterly basis from recognized NABL approved laboratory are attached as **Annexure-2.**
45	That the industry has to mandatorily carry out at least 25% of the designated frequency of sampling/monitoring as paid monitoring by the State Board laboratory.	Yes, we are ensuring the 25% paid monitoring yearly by the state board laboratory.
44	That suitable measure for rain water harvesting for artificial rèecharge of ground water shall be taken.	We have taken suitable measures for rain water narvesting for artificial recharge of ground water at plant, colony and mines lease area.
47	That the plantation in atleast 33% of total area of the project in and around the cement plant shall be carried out & maintained.	We covered more than 33% of total area in green belt. Tree sapling of Neem, Desi Ashok, Pendular Ashok, Arjun, Phycus panda, Kaner, Karanj, Duranta etc. has been planted in the plant and colony area along with boundary side & nearby. **Photographs of the plantation are attached as annexure – 3.**

48	That the industry shall make all efforts to control dust emissions and keep suspended particulate matter (SPM) as well as noise levels within the prescribed norms. The industry shall utilize all the available spaces near the plant and both sides of transportation roads for development of greenbelt with species like sirs/conus mulberry and jamun for control of SO2 and Neem, Tamarind, Pelas and Chure trees for general purpose of Cement Plant and Mausari, Ber Ashoka, Pipal and Tulip trees for the control of noise levels. Compliance in this regard shall be submitted within 6 months.	We are ensuring the plantation work as per condition. Different types of plant species have been planted and submits the compliance accordingly.
49	That no Single Use Plastic (SUP) item, which is banned vide Ministry of Environment, Forest and Climate Change (MOEF & CC), Government of India notification dated 12.08.2021 shall be used in the industry/unit premises.	Yes. We are complying the same.
50	That the industry shall also ensure the compliance of all the other conditions of revised consent order no. 2022-23/CPM/8675 dated 23.12.2022.	Yes. We are complying the same.
51	That the industry shall submit the quarterly compliance report of all the above conditions to the State Board.	Yes. We are complying the same.
52	That this consent is being issued in supersession of earlier consent issued vide letter no.3242-3245 dated 11.12.2019.	Yes. Noted and we are complying the same.
53	That notwithstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of Air Act & Water Act.	We are communicating our agreement to comply with all other requirements of Air act & Water act.
54	That the grant of this Consent to Operate is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or 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.	We are communicating our agreement for this condition.
55	That the grant of this Consent to Operate shall not in any way, adversely affect or jeopardize the legal proceeding if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.	We are communicating our agreement for this condition.
56	That the Project Proponent shall comply with provisions of the E-waste (Management) Rules, 2016 and ensure that e-waste generated by them is channelized through collection centre or dealer of authorized producer or dismantler or recycler or through designated take back service provider of the producer to authorized dismantler or recycler.	We maintain the generation record of E-waste and submit annual return in form 3 annually. E- waste is disposed off to registered recycler only and ensuring the compliance as per board condition.
57	That the Project Proponent shall maintain record of e-waste generated by them in Form-2 and make such records available for scrutiny by the Board.	We maintain the generation record of E-waste in form no. 2 and complying with.
58	That the Project Proponent shall file annual returns in Form-3, to the Board on or before the 30th day of June following the financial year to which that return relates.	We submit the annual return of E-waste in form no. 3 annually by the 30th Jun of every year.
59	That the transportation of e-waste shall be carried out as per the manifest system whereby the transporter shall be required to carry a document (three copies) prepared by the sender giving the details as per Form-6.	During disposal of E-waste, we fill and maintain all copies of manifest in form -6 and provide the three copies to the transporter after details completion.
60	That the Project Proponent shall comply with provisions of the Batteries (Management and Handling) Rules, 2001 (as amended) and submit half yearly returns (as bulk consumer, importer, auctioneer, recycler as the case may be) to the State Board as provided under Rule 10 (2) (ii) of the Battery (Management and Handling) Rules, 2001 (as amended). In case the Project Proponent is not a bulk consumer even then the used batteries shall be returned to the authorized dealers or recyclers only.	We submit the half yearly return in form VIII of battery waste time to time and also ensuring the disposal of battery waste to the registered recycler or dealers only.
61	That the record of batteries purchased and sold/ returned to registered dealers and/ or authorized recyclers shall be maintained and made available to the officers of the Board during inspections.	Ensuring the disposal of battery waste to the registered recycler or dealers only. We are also maintaining the battery waste generation record and complying.

37

ENVIRONMENT JKWC

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MONTHLY ENVIRONMENT MONITORING REPORT

STACK MONITORING REPORT

Annexure-1

MONTH: OCT-2024

S. No	Stack Mark	Stack attached to	Stack DIA (in mm)	Stack Height. From G.L. (mtrs.)	Operating conditions	Temp. of Gases °c	Velocity (m/sec)	Volume of Gas in Stack (Nm3/ Min)	PM (Mg/ Nm3)	Raw Mill/ Kiln SO_2 (mg/Nm3)	Raw Mill/ Kiln NO_x (mg/Nm3)
1	A	Crusher	800	3[illegible]	All readings were taken under normal operating conditions.	43	12.8	365.19	17.84	45.50	441.39
2	B	Screen House	480	31		44	9.2	94.31	16.26		
3	C	RM Sec. Crusher	1050	38		4[illegible]	8.6	424.18	15.14		
4	D	Kiln Feed Section	900	39		45	8.4	301.25	17.69		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		[illegible]	15.8	2407.42	18.63		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quenicher Stack (Kiln o[illegible])	1650	30		48	14.0	1216.96	19.97		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		[illegible]	9.6	252.96	13.64		
10	J	Petro Coke Mill - III	980	40		[illegible]	10.4	414.88	10.15		
11	K	Clinker Tunnel	800	30		[illegible]	9.6	266.70	15.43		
12	L	Cement Mill -I & II	650	30		[illegible]	10.9	187.66	11.46		
13	M	Cement Mill -III	650	30		[illegible]	10.6	181.31	12.76		
14	N	Packing Plant (50 kg)	450	32		[illegible]	9.2	82.37	15.97		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		[illegible]	8.4	235.40	13.71		
16	P	Boiler Stack (TPP)	1200	72		plant under shutdown				under shutdown	

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: OCT-2024

SR.	DATE	LOCATION	PM_{10} µg/M³	$PM_{2.5}$ µg/M³	SO_2 µg/M³	NOx µg/M³	CO µg/M³
1	01.10.2024	132 KV SS	44.79	37.51	14	17	1270
2	31.10.2024	132 KV SS	50.95	26.64	12	16	1293
3	01.10.2024	Rest Shelter	46.48	30.25	15	18	1339
4	31.10.2024	Rest Shelter	44.19	32.50	14	16	1304
5	01.10.2024	EDP	46.48	31.10	13	19	1282
6	31.10.2024	EDP	52.31	30.26	14	16	1293
7	01.10.2024	CS-11	43.63	32.47	15	15	1316
8	31.10.2024	CS-11	45.67	34.64	13	17	1282

ENVIRONMENT JKWC

STACK MONITORING REPORT

MONTH: NOV-2024

S. No	Stack Mark	Stack attached to	Stack DIA (in mm)	Stack Height. From G.L. (mtrs.)	Operating conditions	Temp. of Gases °c	Velocity (m/sec)	Volume of Gas in Stack (Nm3/ Min)	PM (Mg/ Nm3)	Raw Mill/ Kiln SO2 (mg/Nm3)	Raw Mill/ Kiln NOx (mg/Nm3)
1	A	Crusher	800	31	All readings were taken under normal operating conditions.	42	12.5	356.82	16.45	52.85	545.83
2	B	Screen House	480	31		45	9.4	95.63	17.06		
3	C	RM Sec. Crusher	1050	38		43	8.7	426.60	16.25		
4	D	Kiln Feed Section	900	39		44	9.0	323.70	15.98		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		137	15.1	2279.23	19.40		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quenchver Stack (Kiln outlet)	1650	30		171	13.4	1153.45	21.53		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		66	9.4	249.34	14.47		
10	J	Petro Coke Mill - III	980	40		68	10.1	399.24	11.24		
11	K	Clinker tunnel	800	30		55	9.5	261.54	16.94		
12	L	Cement Mill I & II	650	30		73	10.3	176.80	12.17		
13	M	Cement Mill -III	650	30		72	10.4	179.46	11.08		
14	N	Packing Plant (50 kg)	450	32		45	9.1	81.46	15.65		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		44	8.5	240.64	14.86		
16	P	Boiler Stack (TPP)	1200	72		plant under shutdown				under shutdown	

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: NOV-2024

SR.	DATE	LOCATION	PM_{10} µg/M³	$PM_{2.5}$ µg/M³	SO_2 µg/M³	NOx µg/M³	CO µg/M³
1	01.11.2024	132 KV SS	50.04	39.33	13	16	1282
2	29.11.2024	132 KV SS	46.56	27.86	14	17	1304
3	01.11.2024	Rest Shelter	41.49	31.04	12	16	1327
4	29.11.2024	Rest Shelter	50.62	32.33	13	18	1293
5	01.11.2024	EDP	44.69	30.29	14	18	1270
6	29.11.2024	EDP	43.86	31.18	15	17	1293
7	01.11.2024	CS-11	45.11	31.01	14	16	1304
8	29.11.2024	CS 11	49.89	32.17	16	19	1316

ENVIRONMENT J K W C

STACK MONITORING REPORT

MONTH: DEC-2024

S. No	Stack Mark	Stack attached to	Stack DIA (in mm)	Stack Height From G.L. (mtrs.)	Operating conditions	Temp. of Gases °c	Velocity (m/sec)	Volume of Gas in Stack (Nm3/ Min)	PM (Mg/ Nm3)	Raw Mill/ Kiln SO2 (mg/Nm3)	Raw Mill/ Kiln NOx (mg/Nm3)
1	A	Crusher	800	31	All readings were taken under normal operating conditions.	41	12.3	351.26	15.63	29.15	388.86
2	B	Screen House	480	31		44	9.5	97.22	16.85		
3	C	RM Sec. Crusher	1050	38		45	9.2	447.07	17.53		
4	D	Kiln Feed Section	900	39		42	9.2	332.60	16.03		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		132	14.5	2220.04	18.82		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quencher Stack (Kiln outlet)	1650	30		165	13.8	1205.21	20.46		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		68	10.2	267.91	13.68		
10	J	Petro Coke Mill - III	980	40		66	9.9	294.74	12.07		
11	K	Clinker Tunnel	800	30		53	9.4	260.36	17.73		
12	L	Cement Mill -I & II	650	30		70	10.2	276.36	13.27		
13	M	Cement Mill -III	650	30		68	10.3	279.31	11.97		
14	N	Packing Plant (50 <g)	450	32		47	9.1	80.54	16.41		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		45	8.8	249.00	15.69		
16	P	Boiler Stack (TPP)	1200	72		Plant under shutdown				under shutdown	

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: DEC-2024

SR.	DATE	LOCATION	PM_{10} µg/M³	$PM_{2.5}$ µg/M³	SO_2 µg/M³	NOx µg/M³	CO µg/M³
1	01.12.2024	132 KV SS	51.38	32.80	12	17	1259
2	30.12.2024	132 KV SS	49.89	35.46	13	19	1282
3	01.12.2024	Rest Shelter	47.72	32.20	11	16	1293
4	30.12.2024	Rest Shelter	46.56	30.40	12	18	1327
5	01.12.2024	EDP	47.23	30.93	11	17	1316
6	30.12.2024	EDP	46.09	31.21	13	18	1327
7	01.12.2024	CS-11	48.79	32.05	14	16	1282
8	30.12.2024	CS-11	47.59	34.40	12	18	1293

ENVIRONMENT JKWC

TEST REPORT

VIBRANT
"Experience the unexpected value"

TC-11277

Sample Number:	VTL/AA/01-04	Report No.:	VTL/A/2412300017-20/A
Name & Address of the Party:	M/s JK White Cement Works (Unit of JK Cement Ltd.)Vill. & Po.- Gotan, Dist.-Nagaur, Rajasthan	Format No.:	7.8 F 02
		Party Reference No.:	NIL
Sample Description :	Ambient Air Quality Monitoring	Report Date:	04/01/2025
		Period of Analysis:	30/12/2024 - 04/01/2025
		Receipt Date	30/12/2024

General Information:-

Sample collected by	VTL Team
Instrument Calibration Status	Calibrated
Meteorological condition during monitoring	Clear sky
Date of Sampling	25/12/2024 to 26/12/2024
Ambient Temperature (°C)	: Min. 12°C, Max. 22 °C
Surrounding Activity	: Human , Vehicular &Plant Activities
Scope of Monitoring	: Regulatory Requirement
Sampling & Analysis Protocol	: IS-5182 & CPCB Guidelines
Sampling Duration	: 24 hrs.
Parameter Required	: As Per Work Order

Sr.	Parameter	Protocol	Location & Lat. Long				Unit	NAAQS 2009
			132 KVSS	Rest Shelter /Dolomite Ramp	EDP Club Building	CS-11		
			73°44'46"E 26°38'50"N	73°44'32"E 26°38'43"N	73°44'33"E 26°38'30"N	73°44'46"E 26°38'28"N		
1.	Particulate Matter (PM10)	IS: 5182 (P-23), 2006, RA 2022	70.21	72.65	68.78	65.12	µg/m³	100
2.	Particulate Matter (PM2.5)	IS 5182 (P-24) -2019	36.52	38.11	34.55	32.52	µg/m³	60
3.	Sulphur Dioxide (SO2)	IS 5182 (P-2):Sec 1 2023	9.85	11.26	13.25	9.15	µg/m³	80
4.	Nitrogen Dioxide (NO2)	IS 5182 (P-6), 2006 RA 2022	18.11	19.20	20.45	15.27	µg/m³	80
5.	Carbon Monoxide (as CO)	IS:5182 (P-10) -1999, RA2019 (NDIR)	0.65	0.72	0.68	0.62	mg/m³	4
6.	Benzene (as C6H6)	IS: 5182 (P-11)-2006, RA:2017	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	µg/m³	5
7.	Ammonia (as NH3)	IS 5182 (P-25) -2018	*BLQ(**LOQ10.0)	*BLQ(**LOQ10.0)	*BLQ(**LOQ10.0)	*BLQ(**LOQ10.0)	µg/m³	400
8.	Ozone (as O3)	IS:5182 (P-9):1974, RA:2019	12.66	14.23	12.99	9.56	µg/m³	180
9.	Lead (as Pb)	IS 5182 (P-22):2004, RA:2019	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/SOP/09	*BLQ(**LOQ0.5)	*BLQ(**LOQ0.5)	*BLQ(**LOQ0.5)	*BLQ(**LOQ0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (P-26) 2020	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	ng/m³	20
12.	Benzo (a) Pyrene	IS:5182 (P-12):2004, RA:2019	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	ng/m³	1

----------End of the Report----------

Checked By

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RK Yadav
Lab Incharge
Authorized Signatory

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TEST REPORT

Sample Number:	VTL/AN/01-04	Report No :	VTL/N/2412300017-20/A
Name & Address of the Party:	M/s JK White Cement Works (Unit of JK Cement Ltd.)Vill. & Po.- Gotan, Dist.-Nagaur, Rajasthan	Format No.:	7.8 F 04
		Party Reference No.:	NIL
		Report Date:	04/01/2025
Sample Description:	Ambient Noise Level Monitoring	Receipt Date:	30/12/2024
Scope of Monitoring	Regulatory Requirment	Sampling Duration	24 Hrs.
Protocol Used:	IS 9989	Sample Collected by	VTL Team
Instrument Used:	SLM	Instrument Calibration Status	Calibrated

Ambient Noise Level Monitoring Results

General Information:

Meteorological condition during monitoring	: Clear sky
Date of Monitoring	: 25/12/2024 to 26/12/2024
Time of Monitoring	: 06:00 AM to 06:00AM
Ambient Temperature (°C)	: Min. 11°C, Max. 22°C
Surrounding Activity	: Human, Vehicular & Plant Activities
Parameter Required	: As per Work Order

Sr.	Test Parameter	Protocol	Location & Latlong							
			132 KVSS		Rest Shelter /Doolomite Ramp		EDP Club Building		CS-11	
			73°44'46"E 26°38'50"N		73°44'32"E 26°38'43"N		73°44'33"E 26°38'30"N		73°44'46"E 26°38'28"N	
1.	L_{eq} dB(A)	IS:9989-1981, RA 2020	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
			59.4	46.2	65.2	41.8	58.9	43.6	57.2	42.7

Category of Zones	Leq in dB (A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2. Night Time is reckoned between 10.00 PM to 6.00 AM.
3. Silence Zone is defined as an area up to 100 m around premises of Hospitals Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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TEST REPORT

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Sample Number : VTL/S/03

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan Dist. - Nagaur Rajasthan

Report No. : VTL/S/2412300003/A
Format No : 7.8.F-03
Party Reference No : Nil.
Report Date : 04/01/2025
Period of Analysis : 30/12/2024-04/01/2025
Receipt Date : 30/12/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Raw Mill/ Kiln ESP-1
Sample Collected By	:	VTL Team
Date of Sampling	:	24/12/2024
Sampling duration (Minutes)	:	21min. (12:00 to 12.21 hrs.)
Stack attached to	:	ESP
Make of stack	:	MS
Diameter of stack(m)	:	2.1 m
Height of stack(m)	:	65 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	17°C
Temperature of Stack Gases - Ts (°C)	:	147
Velocity of Stack Gases (m/sec.)	:	15.42
Flow rate of PM (LPM)	:	47
Flow rate of Gas (LPM)	:	2.0
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS 11255 (P-1) 1985 RA 2019	21.48	mg/Nm3	30
2	Sulphur Dioxide (SO2)	IS 11255(P- 2) 1985 RA 2019	71.74	mg/Nm3	100
3	Carbon Monoxide (CO)	USEPA 10 1998	15.64	mg/Nm3	--
4	Oxide of Nitrogen (NOx)	IS 11255 (P- 7) 2005, RA 2022	434.09	mg/Nm3	800

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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TEST REPORT

Sample Number : VTL/S/04

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill & Po Gotan Dist Nagaur Rajasthan

Report No. : VTL/S/2412300004/A
Format No : T & F-03
Party Reference No : NIL
Report Date : 04/01/2025
Period of Analysis : 30/12/2024-04/01/2025
Receipt Date : 30/12/2024

Sample Description : Stack Emission Monitoring

General information:-

Sampling Location	:	Clinker Quenche (Steam Exhaust & SP)
Sample Collected By	:	VTL Team
Date of Sampling	:	24/12/2024
Sampling duration (Minutes)	:	36 min. (12:50 to 13:26 hrs.)
Stack attached to	:	ESP
Make of stack	:	MS
Diameter of stack(m)	:	1.60 m
Height of stack(m)	:	30 m
Instrument calibration status	:	Calibrated
Meteorological Condition		Clear Sky
Ambient Temperature - Ta (°C)	:	18°C
Temperature of Stack Gases - Ts (°C)	:	220
Velocity of Stack Gases (m/sec.)	:	10.57
Flow rate of PM (LPM)	:	28
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS 11255 (P-1) :1985 RA 2019	17.50	mg/Nm3	30

*BLQ= Below Limit Of Quantification **LOQ= Limit Of Quantification

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Sample Number : VTL/S/05

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan Dist. Nagaur Rajasthan

Report No : VTL/S/24120000025/A
Format No : F/S/F-03
Party Reference No : Nil
Report Date : 04/01/2025
Period of Analysis : 30/12/2024-04/01/2025
Receipt Date : 30/12/2024

Sample Description : **Stack Emission Monitoring**

General Information:-

Sampling Location	:	Pet Coke/ Coal Mill-02
Sample Collected By	:	VTL Team
Date of Sampling	:	25/12/2024
Sampling duration (Minutes)	:	27 min (09:30 to 09:57 Hrs.)
Stack attached to	:	Bag House
Make of stack	:	MS
Diameter of stack(m)	:	0.50 m
Height of stack(m)	:	39 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	18°C
Temperature of Stack Gases - Ts (°C)	:	69
Velocity of Stack Gases (m/sec.)	:	9.92
Flow rate of PM (LPM)	:	37
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (Pt-1) : 1985, RA 2019	17.73	mg/Nm3	30

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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45

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Sample Number : VTL/S/04
Name & Address of the Party : M/S JK White Cement Works (Unit of JK Cement Ltd.) Vill. & Po. Gotan Dist. Nagaur, Rajasthan

Report No : VTL/S/24120300564
Format No : VTL/F/02
Party Reference No : Nil
Report Date : 04/01/2025
Period of Analysis : 30/12/2024-04/01/2025
Receipt Date : 30/12/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Pet Coke/ Coal Mill-03
Sample Collected By	:	VTL Team
Date of Sampling		25/12/2024
Sampling duration (Minutes)	:	31 min (10.10 to 10.41 hrs)
Stack attached to	:	Bag House
Make of stack	:	MS
Diameter of stack(m)	:	0.98 m
Height of stack(m)	:	41 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	18°C
Temperature of Stack Gases - Ts (°C)	:	67
Velocity of Stack Gases (m/sec)		3.61
Flow rate of PM (LPM)	:	52
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1): 1985 RA 2019	13.74	mg/Nm3	30

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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TEST REPORT

Sample Number : VTL/S/07

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd) Vill. & Po Gotan Dist - Nagaur, Rajasthan

Report No. : VTL/S/2412300007/A
Format No : 7.8.F.03
Party Reference No : NIL
Report Date : 04/01/2025
Period of Analysis : 30/12/2024-04/01/2025
Receipt Date : 30/12/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Cement Mill -1 & 2
Sample Collected By	:	VTL Team
Date of Sampling	:	25/12/2024
Sampling duration (Minuces)	:	42 min (10.58 to 11.40 hrs)
Stack attached to	:	Bag House
Make of stack	:	MS
Diameter of stack(m)	:	0.93 m
Height of stack(m)	:	30 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	19°C
Temperature of Stack Gases - Ts (°C)	:	65
Velocity of Stack Gases (m/sec.)	:	6.63
Flow rate of PM (LPM)	:	24
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS 11255 (Part 1) 1985 RA 2019	13.39	mg/Nm3	30

*(To Be Below Limit Of Quantification) **Limit Of Quantification

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TEST REPORT

Sample Number : VTL/S/08

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. Nagaur, Rajasthan

Report No. : VTL/S/2412300008/A
Format No : F 8 F-03
Party Reference No : NIL
Report Date : 04/01/2025
Period of Analysis : 30/12/2024-04/01/2025
Receipt Date : 30/12/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	Cement Mill-3
Sample Collected By	:	VTL Team
Date of Sampling	:	25/12/2024
Sampling duration (Minutes)	:	28 min. (12:00 to 12:28 hrs.)
Stack attached to	:	Bag House
Make of stack	:	MS
Diameter of stack(m)	:	0.69 m
Height of stack(m)	:	30 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	19°C
Temperature of Stack Gases - Ts (°C)	:	63
Velocity of Stack Gases (m/sec.)	:	9.41
Flow rate of PM (LPM)	:	36
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS 11255 (Pt-1) 1985 RA 2014	22.10	mg/Nm3	30

*BLQ= Below Limit Of Quantification, **LOQ=Limit Of Quantification

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48

TEST REPORT

VIBRANT

Sample Number : VTL/S/017

Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd , Vill & Po Gotan Dist Nagaur Rajasthan

Report No : VTL/S/2412300017/A
Format No : T & F 22
Party Reference No : NIL
Report Date : 04/01/2025
Period of Analysis : 30/12/2024-04/01/2025
Receipt Date : 30/12/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location	:	DG Set 250 KVA
Sample Collected By	:	VTL Team
Date of Sampling	:	27/12/2024
Sampling duration (Minutes)	:	34 min (12:10 to 12:44 hrs)
Stack attached to	:	Acoustic Enclosed
Make of stack	:	MS
Diameter of stack(m)	:	0.90 m
Height of stack(m)	:	30 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	19°C
Temperature of Stack Gases - Ts (°C)	:	120
Velocity of Stack Gases (m/sec)	:	9.23
Flow rate of PM (LPM)	:	29
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & USEPA
Coordinates	:	--

S.No.	Parameters	Test Method	Results	Units	Limits
1	Carbon Monoxide (CO)	USEPA 10: 1996	1.37	gm/kw-hr	3.5
2	Particulate Matter (PM)	IS 11255 (P-1) 1985, RA 2019	0.014	gm/kw-hr	0.02
3	Oxide of Nitrogen (NOX))	IS 11255 (P- 7) 2005, RA 2022	0.20	gm/kw-hr	0.40
4	Total Hydrocarbon (HC)	USEPA 18, 1996	0.10	gm/kw-hr	0.19
5	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985 RA 2019	2.74	gm/kw-hr	Not Specified

*BLQ= Below Limit Of Quantification **LOQ= Limit Of Quantification

End of Report

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ENVIRONMENT JKWC

49

TEST REPORT

VIBRANT

Sample Number : VTL/WW/02

Name & Address of the Party : M/S JK White Cement Works (Unit of JK Cement Ltd.) Vill. & Po. Gotan Dist. Nagaur, Rajasthan

Sample Description : Waste Water
Sampling Location : STP Outlet (STP Treated Water) 500 KLD STP
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC112725300090015F
Report No : VTL/WW/24123000202/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 04/01/2025
Period of Analysis : 30/12/2024-04/01/2025
Receipt Date : 30/12/2024
Sampling Date : 27/12/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr
Coordinates : 73.748795 N & 26.638279E

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS 3025 (P-11): 2022	7.46		5.5 to 9.0
2	Total Suspended Solids (TSS)	IS 3025 (P-17): 2022	15.0	mg/l	20
3	Temperature	IS 3025 (P-9): 2023	1.83	°C	Shall not exceed 5°C above the receiving water temperature
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ 4.0)	mg/l	10
5	Ammonical Nitrogen (as NH3-N)	IS 3025 (P-34) Sec 1 2023 (Clause 5.3)	4.12	mg/l	5.0
6	Total Kjeldahl Nitrogen (as NH3)	IS 3025 (P-34) Sec 1 2023 (Clause 8.0)	5.65		10
7	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 2023	7.2	mg/l	10
8	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	28.6	mg/l	50
9	Chloride (as Cl)	IS: 3025 (P-32) 1988, RA 2019	891	mg/l	--
10	Sulphide (as S)	IS 3025 (P 29) 2022 (Clause 6.0)	0.49	mg/l	2
11	Residual Free Chlorine	IS: 3025 (P-26) 2021 (Clause 5.0)	0.66	mg/l	1.0
12	Faecal coliform	APHA 24th Edition 9221 C 2023	41	MPN/100 ml	<100

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report

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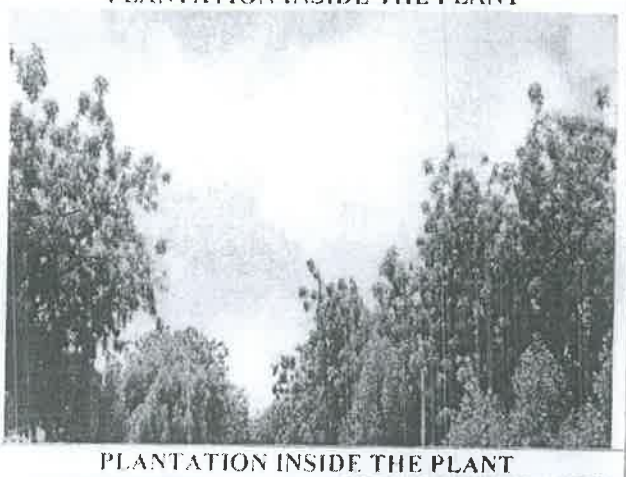
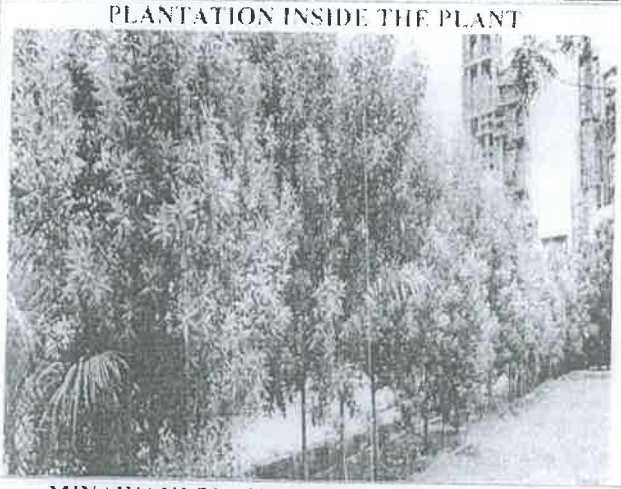
50

PLANTATION INSIDE THE PLANT

PLANTATION INSIDE THE PLANT

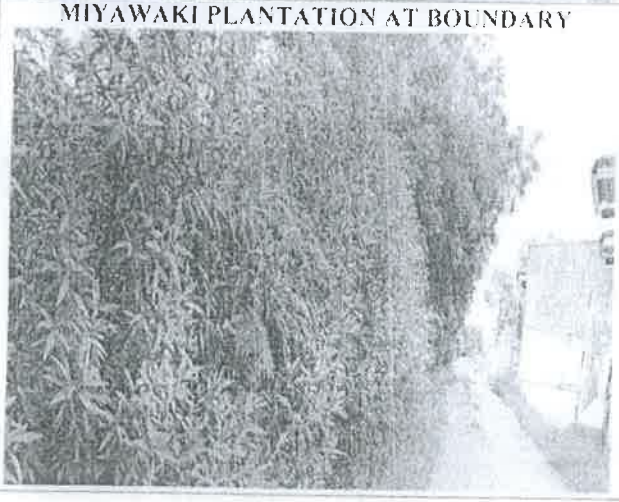


PLANTATION INSIDE THE PLANT



PLANTATION INSIDE THE PLANT

MIYAWAKI PLANTATION AT BOUNDARY



PLANTATION INSIDE THE COLONY

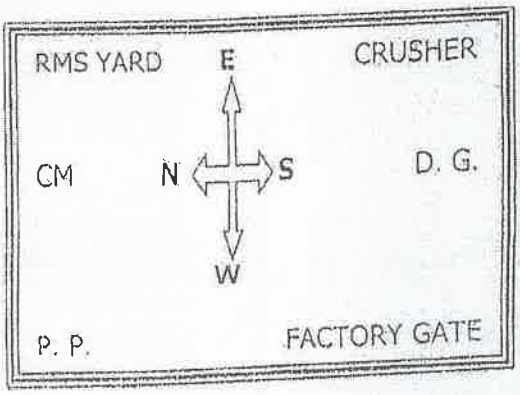
ENVIRONMENT JKWC

Ambient Noise Level Measurement Record (in dB (A))

Date: 29.03.2025 Time: 11.00 am Day/ Night:

E7- 58/60 E4- 67/70

N4- 63/67 S6- 64/68



N8- 62/68 S3- 59/62

W3- 60/63 W7- 63/66

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING Leq 63.05

FELDSPAR MILL : OPERATING/ NOT OPERATING

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY:

ENVIRONMENT K.M.C. SIGNATURE

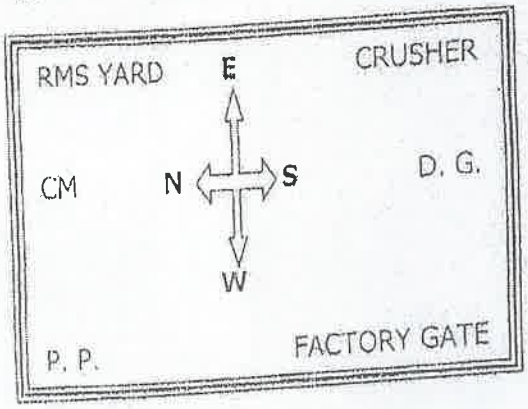
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 29.03.2025 Time: Day/ Night:

E7- 52/57 E4- 61/64

N4- 50/54 S6- 60/63



S3- 58/60

N8- 57/60

W3- 58/61 W7- 56/59

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING

FELDSPAR MILL : OPERATING/ NOT OPERATING 58.84 Leq.

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY:

ENVIRONMENT SIGNATURE

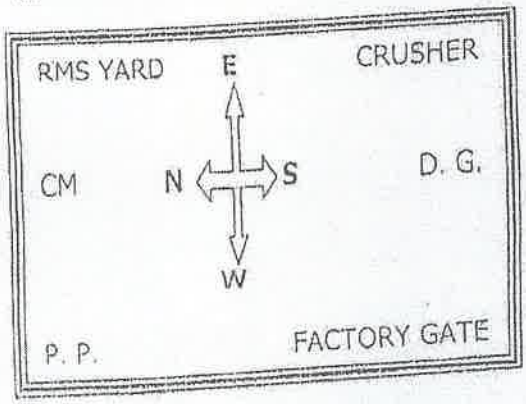
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 22.02.2025 Time: 10.45 PM Day/ Night:

E7- 55|59 E4- 64|69

N4- 65|68 S6- 66|70



N8- 63|66 S3- 58|61

W3- 61|64 W7- 62|65

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING Leq 63.41

FELDSPAR MILL . OPERATING/ NOT OPERATING

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY:

ENVIRONMENT SIGNATURE

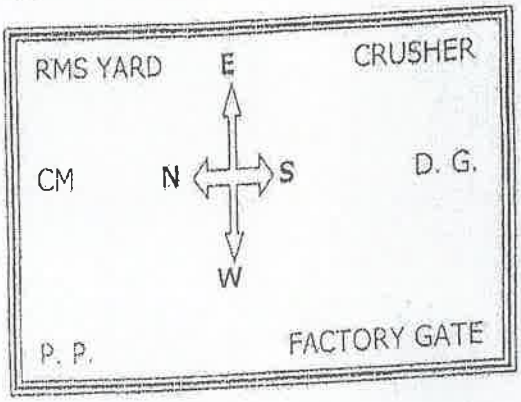
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 22.02.2025 Time: 9.00 PM Day/ Night:

E7- 53/51 E4- 60/62

N4- 57/60 S6- 57/60



N8- 57/59 S3- 55/60

W3- 59/62 W7- 58/60

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING Leq - 58.41

FELDSPAR MILL : OPERATING/ NOT OPERATING

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY:

SIGNATURE

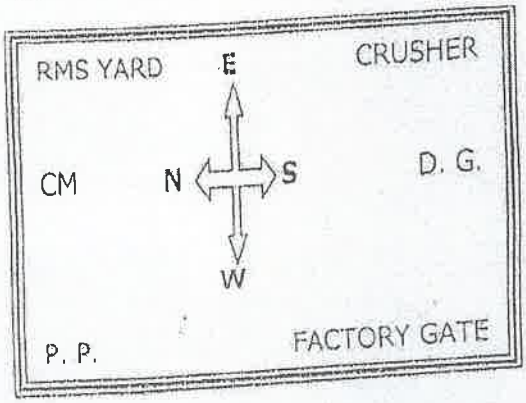
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 25.01.2025 Time: 10.30AM Day/ Night:

E7- 62/65 E4- 62/68

N4- 60/64 S6- 60/63



N8- 63/68 S3- 60/63

W3- 64/66 W7- 62/67

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING Leq = 61.37

PET- COKE MILL : OPERATING/ NOT OPERATING

FELDSPAR MILL : OPERATING/ NOT OPERATING

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY:

ENVIRONMENT JKLC SIGNATURE

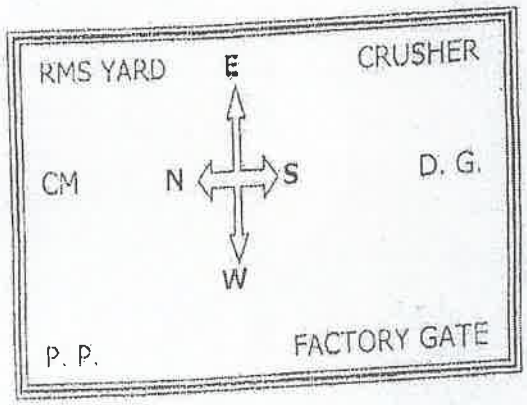
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 25.07.2025 Time: 8.45 pm Day/ Night:

E7- 57/60 E4- 62/67

N4- 62/65 S6- 60/64



N8- 61/64 S3- 59/59

W3- 60/62 W7- 58/60

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING

FELDSPAR MILL : OPERATING/ NOT OPERATING

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

Leq - 60.53

REMARKS IF ANY:

ENVIRONMENT SIGNATURE

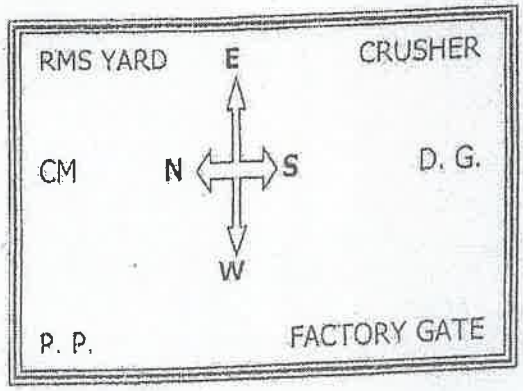
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 28.12.2024 Time: 10:00am Day/ Night:

E7- 58|60 E4- 58|62

N4- 55|59 S6- 59|61



N8- 62|65 S3- 62|65

W3- 63|65 W7- 61|64

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING

~~FELDSPAR~~ Laxmi MILL-2 : OPERATING/ NOT OPERATING Leq. 60.37

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY:

ENVIRONMENT SIGNATURE

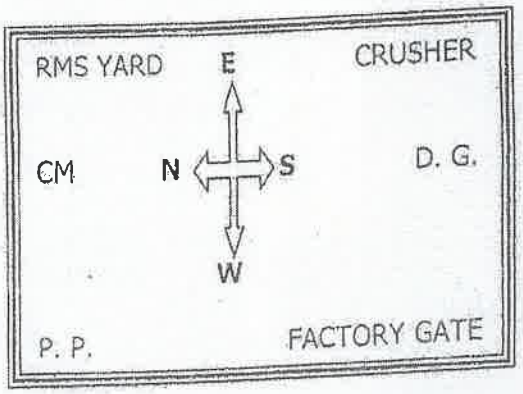
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 28.12.2024 Time: 9.15 pm Day/ Night:

E7- 57|59 E4- 55|58

N4- 53|56 S6- 56|59



N8- 62|64 S3- 58|61

W3- 60|63 W7- 60|62

CRUSHER	: OPERATING/ NOT OPERATING
RAW MILL	: OPERATING/ NOT OPERATING
KILN	: OPERATING/ NOT OPERATING
CEMENT MILL	: OPERATING/ NOT OPERATING.
PACKING PLANT	: OPERATING/ NOT OPERATING
D. G.	: OPERATING/ NOT OPERATING
COMPRESSOR	: OPERATING/ NOT OPERATING
PET- COKE MILL	: OPERATING/ NOT OPERATING
~~FELDSPAR~~ MILL - 2	: OPERATING/ NOT OPERATING
Pre-Mix Dry Mortar (Putty)	: OPERATING/ NOT OPERATING

Leq - 59-86

REMARKS IF ANY:

MEASURED BY:

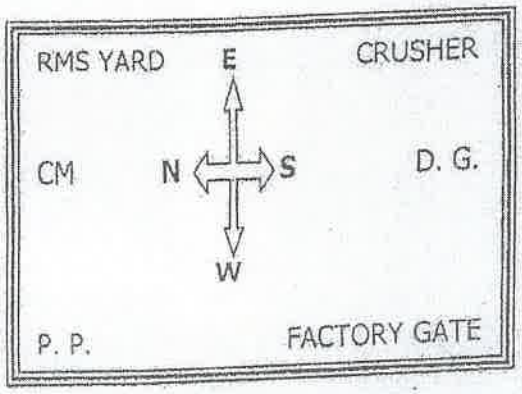
SIGNATURE

Ambient Noise Level Measurement Record (in dB (A))

Date: 30.11.2024 Time: 10:15 am Day/ Night:

E7- 65/67 E4- 65/70

N4- 63/65 S6- 64/69



N8- 66/69 S3- 63/65

W3- 63/66 W7- 64/67

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING

~~FELDSPAR~~ LOESI MILL-2 : OPERATING/ NOT OPERATING

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

Leq. 63-85

REMARKS IF ANY:

MEASURED BY:

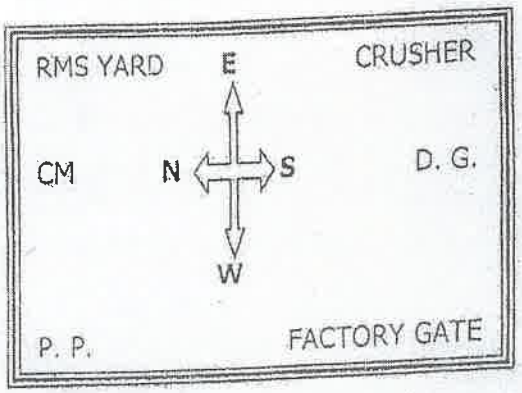
ENVIRONMENT SIGNATURE

Ambient Noise Level Measurement Record (in dB (A))

Date: 30.11.2024 Time: 8.45 pm Day/ Night:

E7- 60/62 E4- 63/67

N4- 62/65 S6- 62/66



N8- 64/67 S3- 61/65

W3- 63/65 W7- 62/64

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING

Lac FELDSPAR MILL - 2 : OPERATING/ NOT OPERATING Leq. 61.25

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY:

SIGNATURE

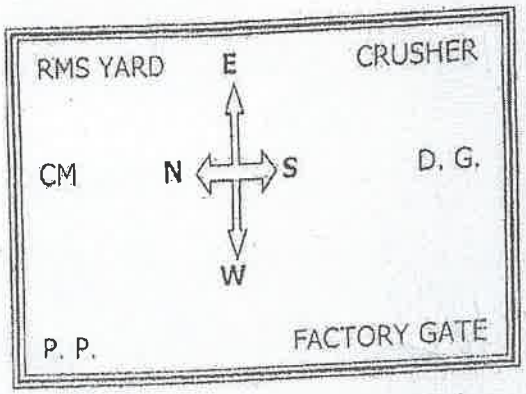
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 26/10/24 Time: 11:00 Am Day/ Night:

E7- 60-62 E4- 61/62

N4- 59-60 S6- 59/61



N8- 62/64 S3- 60/62

W3- 63/64 64/65 W7-

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING

~~FELDSPAR~~ MILL : OPERATING/ NOT OPERATING

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY: Leq - 59.88.

SIGNATURE:

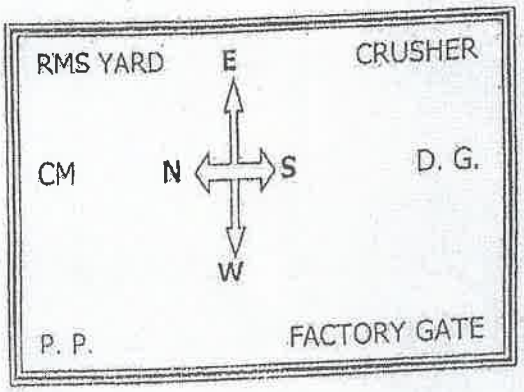
MEASURED BY:

Ambient Noise Level Measurement Record (in dB (A))

Date: 26/10/24 Time: 10:30PM Day/ Night:

E7- 60/61 E4- 60/62

N4- 62/60



S6- 59/60

N8- 61/62

S3- 58/59

61/62 W5 60/62 W7-

CRUSHER : OPERATING/ NOT OPERATING

RAW MILL : OPERATING/ NOT OPERATING

KILN : OPERATING/ NOT OPERATING

CEMENT MILL : OPERATING/ NOT OPERATING.

PACKING PLANT : OPERATING/ NOT OPERATING

D. G. : OPERATING/ NOT OPERATING

COMPRESSOR : OPERATING/ NOT OPERATING

PET- COKE MILL : OPERATING/ NOT OPERATING

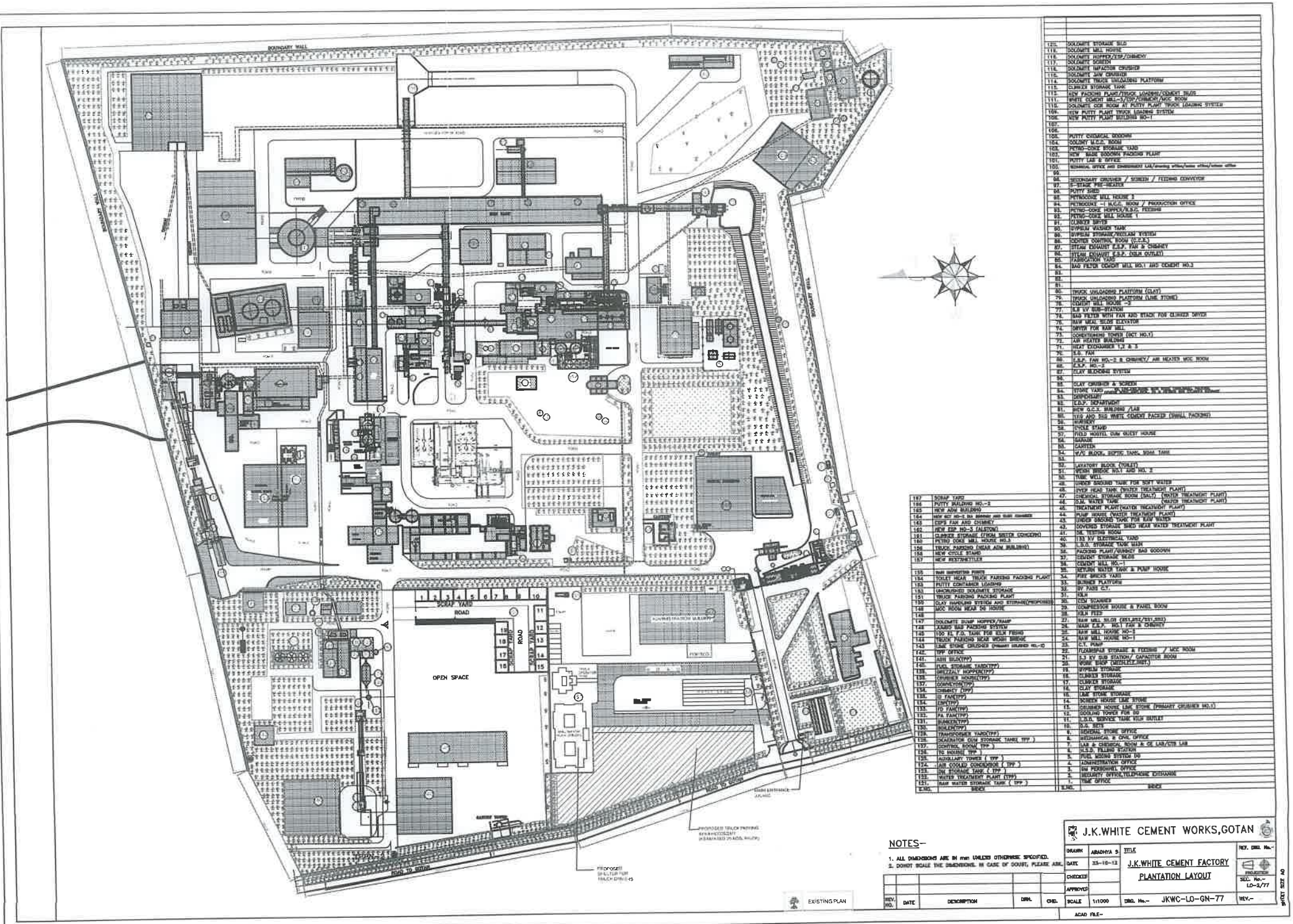
~~FEEDSPAR~~ MILL -2 : OPERATING/ NOT OPERATING

Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY: Leq. 59.14

SIGNATURE:

MEASURED BY:



187	SCRAP YARD
186	PUTTY BUILDING NO.-2
185	NEW ADM BUILDING
184	NEW SCT NO-2 SILO 3000MT AND SILO CHARGER
183	ESP'S FAN AND CHIMNEY
182	NEW ESP NO-3 (ALSTOM)
181	CLINKER STORAGE (FINAL SILOS CONCEPT)
180	PETRO COKE MILL HOUSE NO.3
179	TRUCK PARKING (NEAR ADM BUILDING)
178	NEW CYCLE STAND
177	NEW RESTRUTTLER
176	RWH HARVESTING POWER
175	TOILET NEAR TRUCK PARKING PACKING PLANT
174	PUTTY CONTAINER LOADING
173	UNCRUSHED DOLOMITE STORAGE
172	TRUCK PARKING PACKING PLANT
171	CLAY HANDLING SYSTEM AND STORAGE(PROPOSED)
170	NEW CCR ROOM NEAR DG HOUSE
169	TRUCK PARKING NEAR WORKS BRIDGE
168	LIME STONE CRUSHER (PRIMARY CRUSHER NO.-2)
167	TPP OFFICE
166	ASH SILO(TPP)
165	COAL STORAGE YARD(TPP)
164	GRIZZALY HOPPER(TPP)
163	CRUSHER HOUSE(TPP)
162	CONVEYOR(TPP)
161	CHIMNEY (TPP)
160	ID FAN(TPP)
159	ESP(TPP)
158	FD FAN(TPP)
157	PA FAN(TPP)
156	BUNKER(TPP)
155	BOILER(TPP)
154	TRANSFORMER YARD(TPP)
153	DEAERATOR CUM STORAGE TANK(TPP)
152	CONTROL ROOM(TPP)
151	TG HOUSE(TPP)
150	AUXILLARY TOWER (TPP)
149	AIR COOLED CONDENSOR (TPP)
148	DM STORAGE TANK (TPP)
147	WATER TREATMENT PLANT (TPP)
146	RAW WATER STORAGE TANK (TPP)
S.NO.	SHED

120.	DOLOMITE STORAGE SILO
119.	DOLOMITE MILL HOUSE
118.	DOLOMITE HOPPER/ESP/CHIMENY
117.	DOLOMITE SCREEN
116.	DOLOMITE IMPACTOR CRUSHER
115.	DOLOMITE JAW CRUSHER
114.	DOLOMITE TRUCK UNLOADING PLATFORM
113.	CLINKER STORAGE YARD
112.	NEW PACKING PLANT/TRUCK LOADING/CEMENT SILOS
111.	WHITE CEMENT MILL-3/ESP/CHIMENY/MCC ROOM
110.	DOLOMITE CCR ROOM AT PUTTY PLANT TRUCK LOADING SYSTEM
109.	NEW PUTTY PLANT TRUCK LOADING SYSTEM
108.	NEW PUTTY PLANT BUILDING NO-1
107.	
106.	
105.	PUTTY CHEMICAL GODOWN
104.	COLONY M.C.C. ROOM
103.	PETRO-COKE STORAGE YARD
102.	NEW BAGGE GODOWN/ PACKING PLANT
101.	PUTTY LAB & OFFICE
100.	MECHANICAL OFFICE AND ENVIRONMENT LAB/drawing office/time office/canteen office
99.	
98.	SECONDARY CRUSHER / SCREEN / FEEDING CONVEYOR
97.	5-STAGE PRE-HEATER
96.	PUTTY SHED
95.	PETROCOKE MILL HOUSE 2
94.	PETROCOKE -(M.C.C. ROOM / PRODUCTION OFFICE
93.	PETRO-COKE HOPPER/R.S.C. FEEDING
92.	PETRO-COKE MILL HOUSE 1
91.	CLINKER DRYER
90.	GYPSUM WASHER TANK
89.	GYPSUM STORAGE/RECLAIM SYSTEM
88.	COOLER CONTROL ROOM (C.C.R.)
87.	STEAM EXHAUST E.S.P. FAN & CHIMNEY
86.	STEAM EXHAUST E.S.P. (KILN OUTLET)
85.	FABRICATION YARD
84.	BAG FILTER COMENT MILL NO.1 AND CEMENT NO.3
83.	
82.	
81.	
80.	TRUCK UNLOADING PLATFORM (CLAY)
79.	TRUCK UNLOADING PLATFORM (LIME STONE)
78.	CEMENT MILL HOUSE -3
77.	3.3 KV SUB-STATION
76.	BAG FILTER WITH FAN AND STACK FOR CLINKER DRYER
75.	RAW MEAL SILOS ELEVATOR
74.	DRYER FOR RAW MILL
73.	COMDITIONING TOWER (QCT NO.1)
72.	AIR HEATER BUILDING
71.	HEAT EXCHANGER 1,2 & 3
70.	I.D. FAN
69.	E.S.P. FAN NO.-2 & CHIMNEY/ AIR HEATER MCC ROOM
68.	E.S.P. NO.-2
67.	CLAY BLENDING SYSTEM
66.	
65.	CLAY CRUSHER & SCREEN
64.	STONE YARD
63.	DISPENSARY
62.	E.S.P. DEPARTMENT
61.	NEW C.C.R. BUILDING /LAB
60.	1X50 AND 2X25 WHITE CEMENT PACKER (SMALL PACKING)
59.	MARKET
58.	CYCLE STAND
57.	FIELD HOSTEL CUM GUEST HOUSE
56.	GARAGE
55.	CANTEEN
54.	W/C BLOCK, SEPTIC TANK, SOAK TANK
53.	
52.	LAVATORY BLOCK (TOILET)
51.	VEHICLE BRIDGE NO.1 AND NO. 2
50.	TUBE WELL
49.	UNDER GROUND TANK FOR SOFT WATER
48.	OVER HEAD TANK (WATER TREATMENT PLANT)
47.	CHEMICAL STORAGE ROOM (SALT) (WATER TREATMENT PLANT)
46.	D.M. WATER TANK (WATER TREATMENT PLANT)
45.	TREATMENT PLANT(WATER TREATMENT PLANT)
44.	PUMP HOUSE (WATER TREATMENT PLANT)
43.	UNDER GROUND TANK FOR RAW WATER
42.	COVERED STORAGE SHED NEAR WATER TREATMENT PLANT
41.	OIL TESTING ROOM
40.	132 KV ELECTRICAL YARD
39.	S.S.S. STORAGE TANK 450M
38.	PACKING PLANT/GUNNEY BAG GODOWN
37.	CEMENT STORAGE SILOS
36.	CEMENT MILL NO.-1
35.	RETURN WATER TANK & PUMP HOUSE
34.	FIRE BRICKS YARD
33.	BURNER PLATFORM
32.	33/ 3.3 KV, 2 NOS C.T.
31.	KILN
30.	CCR SCANNER
29.	COMPRESSOR HOUSE & PANEL ROOM
28.	KILN FEED
27.	RAW MILL SILOS (RS1,RS2/RS3,RS4)
26.	MAIN E.S.P. NO.1 FAN & CHIMNEY
25.	RAW MILL HOUSE NO.-2
24.	RAW MILL HOUSE NO.-1
23.	C.T. PUMP
22.	FLOORSPILL STORAGE & FEEDING / MCC ROOM
21.	6.3 KV SUB STATION/ CAPACITOR ROOM
20.	FIRE SHOP (WELDING,MAT.)
19.	GYPSUM STORAGE
18.	CLINKER STORAGE
17.	CLINKER STORAGE
16.	CLAY STORAGE
15.	LIME STONE STORAGE
14.	SCREEN HOUSE LIME STONE
13.	CRUSHER HOUSE LIME STONE (PRIMARY CRUSHER NO.1)
12.	COOLING TOWER FOR DG
11.	D.M.W. SERVICE TANK KILN OUTLET
10.	D.G. SETS
9.	GENERAL STORE OFFICE
8.	MECHANICAL & CIVIL OFFICE
7.	LAB & CHEMICAL ROOM & QC LAB/CCTR LAB
6.	H.S.D. FILLING STATION
5.	FUEL MIXING SYSTEM DG
4.	ADMINISTRATION OFFICE
3.	132 PERSONNEL OFFICE
2.	SECURITY OFFICE/TELEPHONE EXCHANGE
1.	TIME OFFICE
S.NO.	SHED

NOTES–

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. DONOT SCALE THE DIMENSIONS. IN CASE OF DOUBT, PLEASE ASK.

REV. NO.	DATE	DESCRIPTION	DRN.	CHD.

J.K.WHITE CEMENT WORKS,GOTAN

DRAWN	ABADHYA S	TITLE	REV. DRG. No.-
DATE	23-10-12	J.K.WHITE CEMENT FACTORY PLANTATION LAYOUT	PRODUCTION
CHECKED			SUB. No.- LO-2/77
APPROVED			
SCALE	1:1000	DRG. No.- JKWC-LO-GN-77	REV.-

ACAD FILE–

SHEET SIZE A0

64

JK WHITE CEMENT WORKS, GOTAN FY 2024-25

Plant/Site	Employee Name	AUDIOMETRY	Blood Group	DISTANT VISION LEFT	DISTANT VISION RIGHT	ECG REPORT	HEIGHT	NEAR VISION LEFT	NEAR VISION RIGHT	SPIROMETRY	WEIGHT
Gotan-White	ABDUL KHAN	NORMAL	A+VE	6/6 GLAS	6/6 GLAS	NORMAL	165	N-6 GLS	N-6 GLS	NORMAL	79
Gotan-White	ABHISHEK JOSHI	ML BE	O+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	182	N-6 C GLASS	N-6 C GLASS	MILD REST	82
Gotan-White	AJAY KUMAR	NORMAL	B+VE	6/6 C GLS	6/6 C GLS	NORMAL	181	N-6	N-6	NORMAL	78
Gotan-White	AJIT MISHRA	NORMAL	O+VE	6/6	6/6	NORMAL	182	N-6	N-6	NORMAL	105
Gotan-White	AKASH VERMA	NORMAL	B+VE	6/6	6/6	NORMAL	166	N-6	N-6	NORMAL	57
Gotan-White	AMAN JOSHI	NORMAL	B+VE	6/6	6/6	NORMAL	176	N/6	N/6	NORMAL	76
Gotan-White	AMIT KUMAR SHARMA	NORMAL	A+VE	6/6	6/6	NORMAL	168	N-6	N-6	NORMAL	75.9
Gotan-White	ANIL KUMAR	NORMAL	B+VE	6/6 C GLS	6/6 C GLS	NORMAL	174	N-6 C GLS	N-6 C GLS	MILD REST	81
Gotan-White	ANSHU SHARMA	NORMAL	O+VE	6/6	6/6	NORMAL	166	N-6	N-6	NORMAL	74
Gotan-White	APEKSHA	NORMAL	A+VE	6/6 C GLS	6/6 C GLS	NORMAL	162	N-6	N-6	NORMAL	61
Gotan-White	ARADHYA	NORMAL	O+VE	6/6 GLS	6/6 GLS	NORMAL	166	N-6 GLS	N-6 GLS	NORMAL	76
Gotan-White	ARJUN KUMAR	NORMAL	B+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	165	N-6 C GLS	N-6 C GLS	NORMAL	85.8
Gotan-White	ARVIND	NORMAL	A+VE	6/6	6/6	NORMAL	181	N-6	N-6	NORMAL	75
Gotan-White	ASHUTOSH	NORMAL	B+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	172	N-6 C GLASS	N-6 C GLASS	NORMAL	95
Gotan-White	ASHUTOSH	NORMAL	AB+VE	6/6	6/6	NORMAL	169	N-6	N-6	MILD REST	74
Gotan-White	ASLAM KHAN	NORMAL	AB+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	177	N-6 CGLASS	N-6 CGLASS	MILD REST	79
Gotan-White	BABU KHAN	NORMAL	O+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	171	N-6 C GLASS	N-6 C GLASS	NORMAL	86
Gotan-White	BABU LAL	NORMAL	A+VE	6/9	6/9	NORMAL	166	N-6	N-6	MILD REST	73
Gotan-White	BABU LAL	NORMAL	O+VE	6/6GLS	6/6 GLS	NORMAL	167	N-8 GLS	N-8 GLS	MILD REST	73
Gotan-White	BHAGWATI	ML BE	B+VE	6/6 GLS	6/6 GLS	NORMAL	168	N-6	N-6	NORMAL	61.8
Gotan-White	BHANWAR	NORMAL	O+VE	6/6	6/6	NORMAL	169	N-6 CGLASS	N-6 CGLASS	NORMAL	82
Gotan-White	BHARAT	NORMAL	B+VE	6/6 C GLS	6/6 C GLS	NORMAL	166	N-6 C GLS	N-6 C GLS	NORMAL	67.6
Gotan-White	BIRA SINGH	NORMAL	B+VE	6/9	6/9	NORMAL	169.5	N-6	N-6	NORMAL	84
Gotan-White	BIRMA RAM	NORMAL	B+VE	6/6	6/6	NORMAL	157	N-6	N-6	NORMAL	50
Gotan-White	BRIJ GOPAL	NORMAL	A+VE	6/6	6/6	NORMAL	179	N-6	N-6	MILD REST	128
Gotan-White	BRIJESH	NORMAL	O+VE	6/6	6/6	NORMAL	172	N-6	N-6	NORMAL	84
Gotan-White	CHAILA RAM	NORMAL	AB+VE	6/9	6/9	NORMAL	160	N-8 C GLS	N-8 C GLS	MILD REST	62
Gotan-White	DALPAT RAM	NORMAL	O+VE	6/6	6/6	NORMAL	165	N-6	N-6	MILD REST	79
Gotan-White	DANA RAM	NORMAL	B+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	167	N-6 GLS	N-6 GLS	MILD REST	58
Gotan-White	DEEPAK	NORMAL	B+VE	6/6 C GLS	6/6 C GLS	NORMAL	178	N-6 C GLS	N-6 C GLS	NORMAL	91.8
Gotan-White	DEEPAK	NORMAL	B+VE	6/6	6/6	NORMAL	172.5	N-6	N-6	NORMAL	51
Gotan-White	DHANRAJ	NORMAL	O+VE	6/6	6/6	NORMAL	174	N-6	N-6	MILD REST	78
Gotan-White	DILIP KUMAR	NORMAL	B+VE	6/9 C GLASS	6/6 C GLASS	NORMAL	162	N-6	N-6	NORMAL	71.4
Gotan-White	DILIP SHARMA	NORMAL	AB+VE	6/6 C GLASS	6/6 C GLS	NORMAL	158	N-6 C GLS	N-6 C GLS	NORMAL	66
Gotan-White	FATEH SINGH	NORMAL	O+VE	6/6	6/6	NORMAL	177	N-6	N-6	MILD REST	73
Gotan-White	GAJENDRA	NORMAL	B+VE	6/6	6/6	NORMAL	166	N-6	N-6	NORMAL	63
Gotan-White	GAJENDRA	NORMAL	O+VE	6/6	6/6	NORMAL	173	N-6	N-6	MILD REST	81.5
Gotan-White	GIRJESH KUMAR	NORMAL	O-VE	6/6	6/6	NORMAL	175	N-6	N-6	NORMAL	86
Gotan-White	GODHA RAM	ML BE	A-VE	6/9 GLS	6/9 GLS	NORMAL	165	N-6 GLS	N-6 GLS	NORMAL	74.8
Gotan-White	GYANCHAND	NORMAL	A+VE	6/6	6/6	NORMAL	161	N-6	N-6	NORMAL	74
Gotan-White	HARENDRA	NORMAL	B+VE	6/6	6/6	NORMAL	165	N-6	N-6	NORMAL	104
Gotan-White	HEER SINGH	ML BE	A+VE	6/6 C GLS	6/6 C GLS	NORMAL	170	N-6 C GLS	N-6 C GLS	MILD REST	85
Gotan-White	IMRAN NAZIR	NORMAL	O + VE	6/6	6/6	NORMAL	162	N-6	N-6	NORMAL	67
Gotan-White	IPPILI	NORMAL	o+ve	6/6 C GLS	6/6 c gls	NORMAL	171	N-6 c gls	N-6 c gls	NORMAL	85
Gotan-White	JAGDISH CHAND	NORMAL	AB+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	177	N-6 C GLS	N-6 C GLS	NORMAL	76
Gotan-White	JAGDISH	NORMAL	O+VE	6/6	6/6	NORMAL	175	N-6	N-6	NORMAL	79
Gotan-White	JAGDISH NAI	NORMAL	B+VE	6/6 GLS	6/6 GLS	NORMAL	171	N-6 GLS	N-6 GLS	NORMAL	74
Gotan-White	JAI PRAKASH	ML RE	A+VE	6/6	6/6	NORMAL	166	N-6	N-6	NORMAL	73
Gotan-White	JAY PRAKASH	NORMAL	A+VE	6/6	6/6	NORMAL	168	N-6	N-6	MILD REST	77.5
Gotan-White	JITENDRA	NORMAL	O+VE	6/6	6/6	NORMAL	163	N-6	N-6	MILD REST	64
Gotan-White	KAILASH	NORMAL	A+VE	6/6	6/6	NORMAL	173	N-6	N-6	NORMAL	101.8
Gotan-White	KAILASH NATH	NORMAL	B+VE	6/6	6/6	NORMAL	157	N-6	N-6	NORMAL	46
Gotan-White	KALYAN RAM	NORMAL	O+VE	6/6	6/6	NORMAL	162	N-6	N-6	NORMAL	60
Gotan-White	KAMAL KISHOR	NORMAL	A+VE	6/6 GLS	6/6 GLS	NORMAL	173	N-6 GLS	N-6GLS	NORMAL	71.5
Gotan-White	KAMAL	NORMAL	A-VE	6/6	6/6	NORMAL	181	N-6	N-6	MILD REST	79
Gotan-White	KANHIYA NATH	NORMAL	B+VE	6/6	6/6	NORMAL	172	N-6	N-6	NORMAL	96
Gotan-White	KESHA RAM	ML BE	O+VE	6/9	6/9	NORMAL	172	N-8 C GLS	N-8 C GLS	MILD REST	110
Gotan-White	KHALIL	NORMAL	AB+VE	6/9	6/9	NORMAL	170	N-8 C GLS	N-8 C GLS	NORMAL	63
Gotan-White	Kherajram	NORMAL	O+VE	6/6 GLS	6/6 GLS	NORMAL	178	N-6 GLS	N-6 GLS	NORMAL	89
Gotan-White	KHOWENDRA DAYARAM	NORMAL	B+VE	6/6 GLS	6/6 GLS	NORMAL	164	N-6GLS	N-6 GLS	NORMAL	59
Gotan-White	KISHAN LAL	ML BE	O+VE	6/6	6/6	NORMAL	174	N-6	N-6	NORMAL	63
Gotan-White	KRISHNA KANT	NORMAL	O+VE	6/6	6/6	NORMAL	173	N-6	N-6	NORMAL	87
Gotan-White	Kriti Sheen	NORMAL	AB+VE	6/6 GLS	6/6 GLS	NORMAL	163	N-6 GLS	N-6 GLS	NORMAL	67
Gotan-White	LAL SINGH	NORMAL	A+VE	6/6GLS	6/6GLS	NORMAL	174	N-6 c gls	N-6 c gls	NORMAL	71
Gotan-White	LALIT GARG	NORMAL	B+VE	6/6	6/6	NORMAL	176	N-6	N-6	NORMAL	79
Gotan-White	Laxman Singh	NORMAL	B+VE	6/6	6/6	NORMAL	180	N-6	N-6	NORMAL	82
Gotan-White	LAXMAN SINGH	NORMAL	B+VE	6/6 C GLS	6/9 C GLS	NORMAL	172	N-8C GLS	N-8C GLS	MILD REST	51.8
Gotan-White	LIVANJALI	NORMAL	B+VE	6/6 C GLS	6/6 C GLS	NORMAL	150	N-6	N-6	NORMAL	60
Gotan-White	LOKESH	NORMAL	A+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	177	N-6 C GLASS	N-6 C GLASS	NORMAL	96

Gotan-White	LOKESH VERMA	NORMAL	A=VE	6/6 C GLASS	6/6 C GLASS	NORMAL	181	N-6 C GLASS	N-6 C GLASS	NORMAL	79
Gotan-White	MAHESH	NORMAL	O+VE	6/6	6/6	NORMAL	160	N--6	N-6	NORMAL	65
Gotan-White	MANGI LAL	NORMAL	AB+VE	6/9	6/9	NORMAL	158.5	N-6 CGLASS	N-6 CGLASS	NORMAL	57
Gotan-White	MANISH	NORMAL	AB +VE	6/6	6/6	NORMAL	171	N-6	N-6	NORMAL	76
Gotan-White	MANISH	NORMAL	B+VE	6/6	6/6	NORMAL	164	N-6	N-6	NORMAL	79
Gotan-White	MANMOHAN	NORMAL	A+VE	6/6	6/6	NORMAL	167	N-6	N-6	MILD REST	64.8
Gotan-White	MANOJ KUMAR	NORMAL	A+VE	6/6	6/6	NORMAL	167	N-6 GLS	N-6 GLS	MILD REST	73
Gotan-White	MATA DEEN	NORMAL	A+VE	6/6 C GLS	6/6 C GLS	NORMAL	153	N-6 C GLS	N-6 C GLS	NORMAL	66.5
Gotan-White	MOINUDDIN	NORMAL	O+VE	6/6	6/6	NORMAL	175	N-6	N-6	MILD REST.	82
Gotan-White	MUKESH	NORMAL	B+VE	6/6	6/6	NORMAL	174	N-6	N-6	MILD REST	90
Gotan-White	MUKESH	NORMAL	B+VE	6/6	6/6	NORMAL	179	N-6	N-6	NORMAL	52
Gotan-White	NAINA RAM	NORMAL	B+VE	6/6	6/6	NORMAL	166	N-6 C GLS	N-6 C GLS	MILD REST	75
Gotan-White	NARAYAN LAL	ML BE	O+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	173	N-6 CGLASS	N-6 CGLASS	NORMAL	68
Gotan-White	NARENDRA	NORMAL	B-VE	6/6	6/6	NORMAL	171	N-6	N-6	MILD REST	53
Gotan-White	NITESH GUPTA	NORMAL	O+VE	6/6 GLS	6/6 GLS	NORMAL	161	N-6 GLS	N-6 GLS	NORMAL	65.5
Gotan-White	OM PRAKASH	ML BE	A+ve	6/6	6/6	NORMAL	164	N-6	N-6	MILD REST	64
Gotan-White	OM PRAKASH	NORMAL	O+VE	6/9 CGLASS	6/9 CGLASS	NORMAL	172	N-6 CGLASS	N-6 CGLASS	NORMAL	69.3
Gotan-White	OM PRAKASH	ML BE	O+VE	6/6 C GLS	6/6 C GLS	NORMAL	173	N-6	N-6	MILD REST	74
Gotan-White	ONKAR LAL	NORMAL	B+VE	6/6	6/6	NORMAL	174	N-6	N-6	NORMAL	85
Gotan-White	ONKAR NATH	NORMAL	A+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	168	N-6 C GLASS	N-6 C GLASS	MILD REST	79
Gotan-White	PARMANAND	NORMAL	B+VE	6/6	6/6	NORMAL	178	N-6	N-6	NORMAL	97
Gotan-White	POKAR RAM	ML LE	O+VE	6/9 GLS	6/9 GLS	NORMAL	161	N-6 GLS	N-6 GLS	MILD REST	77
Gotan-White	PRAHLAD RAM	NORMAL	B+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	178	N-6 C GLASS	N-6 C GLASS	NORMAL	86
Gotan-White	PRAKASH	NORMAL	O+VE	6/6	6/6	NORMAL	173	N-6	N-6	NORMAL	72
Gotan-White	PRATHVI RAJ	NORMAL	A+VE	6/6 C GLS	6/6 C GLS	NORMAL	172	N-6 C GLS	N-6 C GLS	MILD REST	68.16
Gotan-White	Praveen Pancholi	NORMAL	B+VE	6/6	6/6	NORMAL	161	N-6	N-6	NORMAL	69.8
Gotan-White	Praveen Singh	NORMAL	A+VE	6/6	6/6	NORMAL	172	N-6	N-6	NORMAL	84
Gotan-White	PRAVEEN SINGH	NORMAL	A-VE	6/6	6/6	NORMAL	159	N-8 C GLS	N-8 C GLS	MILD REST	73
Gotan-White	PREM SINGH	NORMAL	A +VE	6/6 CGLASS	6/6 CGLASS	NORMAL	167	N-6 CGLASS	N-6 CGLASS	MILD REST	73.6
Gotan-White	PUSHPENDRA	NORMAL	O+VE	6/6	6/6	NORMAL	170	N-6	N-6	NORMAL	83
Gotan-White	RAHUL	NORMAL	O+VE	6/6	6/6	NORMAL	166	N-6	N-6	MILD REST	55
Gotan-White	Rahul Bhardwaj	NORMAL	AB+VE	6/6	6/6	NORMAL	170	N-6	N-6	NORMAL	81
Gotan-White	RAHUL JAIN	NORMAL	B+VE	6/6	6/6	NORMAL	184	N-6	N-6	NORMAL	98
Gotan-White	RAHUL SAIN	NORMAL	A+VE	6/6	6/6	NORMAL	178	N-6	N-6	NORMAL	104
Gotan-White	RAM CHANDRA	NORMAL	O+VE	6/9 CGLASS	6/9 C GLASS	NORMAL	175	N-8 GLS	N-8 GLS	NORMAL	95
Gotan-White	RAM DEV VYAS	NORMAL	B+VE	6/9 C GLS	6/9 C GLS	NORMAL	165	N-8 C GLS	N-8 C GLS	NORMAL	68
Gotan-White	RAM LAL	NORMAL	O+VE	6/6	6/6	NORMAL	167	N-6C GLASS	N-6C GLASS	NORMAL	73
Gotan-White	RAM NIWAS	NORMAL	B+VE	6/6	6/6	NORMAL	176	N-6 C GLASS	N-6 C GLASS	NORMAL	78
Gotan-White	RAM NIWAS	NORMAL	B+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	177	N-6 GLS	N-6 GLS	NORMAL	86
Gotan-White	RAM PRAKASH	NORMAL	A+VE	6/6	6/6	NORMAL	169	N-6 C GLS	N-6 C GLS	MILD REST	76
Gotan-White	SAHI RAM	ML BE	A -VE	6/9	6/9	NORMAL	169	N-6	N-6	MILD REST.	80
Gotan-White	SARDARA RAM	NORMAL	B+VE	6/6	6/6	NORMAL	174	N-6 GLS	N-6 GLS	NORMAL	90
Gotan-White	SAROJ KUMAR	NORMAL	A+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	164	N-6 CGLASS	N-6 CGLASS	NORMAL	73
Gotan-White	SATYANDRA	NORMAL	B-VE	6/6	6/6	NORMAL	183	N-6	N-6	NORMAL	74
Gotan-White	SATYENDRA	NORMAL	B+VE	6/6	6/6	NORMAL	169	N-6	N-6	NORMAL	61
Gotan-White	SATYENDRA	NORMAL	O+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	171	N-6 CGLASS	N-6 CGLASS	MILD REST	73
Gotan-White	SHAFIK ALI	NORMAL	B+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	165	N-6 CGLASS	N-6 CGLASS	NORMAL	81
Gotan-White	SHAILENDRA	NORMAL	O+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	162.5	N-6 CGLASS	N-6 CGLASS	NORMAL	68.6
Gotan-White	SHALINI SABU	NORMAL	O+VE	6/6 C GLASS	6/9 C GLASS	NORMAL	151	N-6 C GLASS	N-8 C GLASS	MILD REST	63
Gotan-White	SHELENDRA	NORMAL	B+VE	6/6	6/6	NORMAL	169	N-8 C GLS	N-8 C GLS	NORMAL	72
Gotan-White	SHISHPAL	NORMAL	A+VE	6/6	6/6	NORMAL	167	N-6	N-6	NORMAL	77
Gotan-White	SHRI RAM	NORMAL	A+VE	6/6 CGLASS	6/6 CGLASS	NORMAL	174	N-6 CGLASS	N-6 CGLASS	NORMAL	78.9
Gotan-White	SHYAM LAL	NORMAL	A+VE	6/6 C GLS	6/6 C GLS	NORMAL	174	N-6 C GLS	N-6 C GLS	NORMAL	100
Gotan-White	SRI RAM	NORMAL	A + VE	6/6	6/6	NORMAL	165	N-6 C GLASS	N-6 C GLASS	NORMAL	73
Gotan-White	SURENDER	NORMAL	A+VE	6/6 GLS	6/6 GLS	NORMAL	162	N-6 GLS	N-6 GLS	NORMAL	63
Gotan-White	SUSHIL KUMAR	NORMAL	B+VE	6/6	6/9	NORMAL	170	N-6	N-6	NORMAL	76
Gotan-White	TEJ PAL SINGH	NORMAL	B+VE	6/6 C GLS	6/9 C GLS	NORMAL	180	N-6 C GLS	N-6 C GLS	MILD REST	79
Gotan-White	VIJAY	NORMAL	B+VE	6/6 C GLS	6/6 C GLS	NORMAL	171	N-6 C GLS	N-6 C GLS	NORMAL	82
Gotan-White	VIJAY SONI	NORMAL	B+VE	6/6	6/6	NORMAL	162	N-6	N-6	MILD REST	64.7
Gotan-White	VIKAS KUMAR	NORMAL	O+VE	6/6	6/6	NORMAL	174	N.6	N.6	NORMAL	74
Gotan-White	VIRENDRA	NORMAL	B+VE	6/9 GLS	6/9 GLS	NORMAL	172	N-6 GLS	N- GLS	NORMAL	77
Gotan-White	VIRENDRA	NORMAL	A+VE	6/6 C GLS	6/6 C GLS	NORMAL	173	N-6 C GLS	N-6 C GLS	MILD REST	65.8
Gotan-White	YOGENDRA	NORMAL	B+VE	6/6 C GLASS	6/6 C GLASS	NORMAL	155	N-6 C GLASS	N-6 C GLASS	NORMAL	102
Gotan-White	YOGESH NAGAR	NORMAL	B+VE	6/6	6/6	NORMAL	172	N-6	N-6	MILD REST	84