

REG/AD & MAIL

Date: 22.11.2024

GTN: WH: ENV: EC:/

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 April, 2024 to 30th September, 2024.

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: till 30 th Sep. 2024 total cement production took place 317882 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 3 rd renewal water <i>withdrawal</i> limit has been reduced up to 945m ³ /Day or 340200 m ³ /Annum. FY 2024-25: till 30 th Sep. 2024 total water withdrawal 150801 m ³ & 824.04 m ³ /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.

Corporate Office

📍 Prism Tower, 5th Floor, Ninaniya Estate,
Gwal Pahari, Gurugram - 122102, Haryana
☎ +0124-6919000
✉ admin.prismt@jkcement.com
🌐 www.jkcement.com

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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. 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 employees as envisaged under the Environmental Management Plan; details are to	We are communicating the agreement.



	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 issue of environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and	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



	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
(Environment Head)

Authorized Signatory

CC TO:

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

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

CPP

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

Encl: As above annexures

STACK MONITORING REPORT

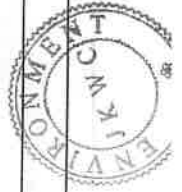
MONTH: JUL-2024

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 (Nm ³ /Min)	PM (Mg/Nm ³)	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	14.0	398.23	18.82	57.49	409.17
2	B	Screen House	480	31		45	7.9	79.83	17.30		
3	C	RM Sec. Crusher	1050	38		43	10.2	499.04	19.90		
4	D	Kiln Feed Section	900	39		41	9.1	327.92	21.05		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		135	17.1	2591.43	19.84		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quencher Stack (Kiln outlet)	1650	30		187	14.1	1170.69	20.73		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		68	14.33	377.53	12.17		
10	J	Petro Coke Mill - III	980	40		66	13.7	545.97	10.21		
11	K	Clinker Tunnel	800	30		47	10.2	286.02	16.78		
12	L	Cement Mill - I & II	650	30		74	11.8	202.43	9.16		
13	M	Cement Mill - III	650	30		80	11.2	187.76	10.57		
14	N	Packing Plant (50 kg)	450	32		42	9.1	81.85	14.14		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		43	8.2	234.25	10.31		
16	P	Boiler Stack (TTP)	1200	72		plant under shutdown					

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: JUL-2024

SR.	DATE	LOCATION	PM ₁₀	PM _{2.5}	NOX	SO ₂	CO
			µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³
1	03.07.2024	132 KV SS	60	39	13.0	11.0	1282
2	30.07.2024	132 KV SS	52	30	14.0	12.0	1304
3	03.07.2024	Rest Shelter/Dolomite Ramp	53	34	12.0	13.0	1316
4	30.07.2024	Rest Shelter/Dolomite Ramp	55	31	15.0	14.0	1144
5	03.07.2024	EDP	49	30	16.0	13.0	1316
6	30.07.2024	EDP	56	30	13.0	15.0	1270
7	03.07.2024	CS-11	48	35	13.0	11.0	1247
8	30.07.2024	CS-11	53	27	12.0	10.0	1190



STACK MONITORING REPORT

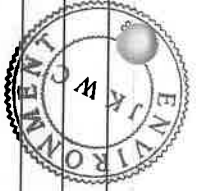
MONTH: AUG-2024

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/Nm ³)	Raw Mill/ Kiln NOx (mg/Nm ³)
1	A	Crusher	800	31	All readings were taken under normal operating conditions.	44	14.0	395.6	16.3	56.61	432.76
2	B	Screen House	480	31		42	7.9	81.1	21.3		
3	C	RM Sec. Crusher	1050	38		45	9.9	481.3	17.8		
4	D	Kiln Feed Section	900	39		46	9.8	348.1	18.9		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		141	16.6	2487.2	18.5		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Guencher Stack (Kiln outlet)	1650	30		182	13.6	1144.8	19.8		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		69	13.9	364.9	14.8		
10	J	Petro Coke Mill - III	980	40		67	14.0	553.4	7.3		
11	K	Clinker Tunnel	800	30		48	9.9	278.0	11.2		
12	L	Cement Mill - I & II	650	30		77	11.1	188.5	10.0		
13	M	Cement Mill - III	650	30		81	11.5	191.9	11.8		
14	N	Packing Plant (50 kg)	450	32		43	9.2	83.0	13.7		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		45	8.3	235.8	16.0		
16	P	Boiler Stack (TPP)	1200	72		plant under shutdown					

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: AUG-2024

SR.	DATE	LOCATION	PM ₁₀		PM _{2.5}		SO ₂	NOx	CO
			µg/M ³	µg/M ³	µg/M ³	µg/M ³			
1	02.08.2024	132 KV Ss	51.09	30.17	13	14	1293		
2	30.08.2024	132 KV Ss	49.14	34.57	12	12	1282		
3	02.08.2024	Rest Shelter	46.48	30.42	14	15	1304		
4	30.08.2024	Rest Shelter	42.03	31.63	13	14	1282		
5	02.08.2024	EDP	46.57	30.21	15	15	1270		
6	30.08.2024	EDP	46.30	31.33	11	16	1293		
7	02.08.2024	CS-11	47.54	35.67	13	13	1316		
8	30.08.2024	CS-11	43.72	31.17	12	14	1304		



STACK MONITORING REPORT

MONTH: SEP-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 (Nm ³ / Min)	PM (Mg/ Nm ³)	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	13.4	22898.1	15.12	49.69	355.62
2	B	Screen House	480	31		41	8.4	5174.3	19.61		
3	C	RM Sec. Crusher	1050	38		44	9.2	26866.2	18.38		
4	D	Kiln Feed Section	900	39		47	9.1	19488.5	17.40		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		139	16.1	144740.5	17.57		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quencher Stack (Kiln outlet)	1650	30		177	13.5	68740.0	18.89		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		68	13.4	21177.7	14.19		
10	J	Petro Coke Mill - III	980	40		66	13.5	32258.0	8.84		
11	K	Clinker Tunnel	800	30		50	10.6	17626.0	12.93		
12	L	Cement Mill - I & II	650	30		76	11.2	11463.1	10.14		
13	M	Cement Mill - III	650	30		79	10.8	10940.6	12.07		
14	N	Packing Plant (50 kg)	450	32		45	9.1	4887.6	16.95		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		48	8.3	13944.0	17.41		
16	P	Boiler Stack (TPP)	1200	72		Plant under shutdown					

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: SEP-2024

SR.	DATE	LOCATION	PM ₁₀		PM _{2.5}		SO ₂		NO _x		CO	
			µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³		
1	02.09.2024	132 KV SS	50.82	31.60	31.60	13.0	15.0	1293				
2	29.09.2024	132 KV SS	48.52	35.67	35.67	11.0	16.0	1304				
3	02.09.2024	Rest Shelter/Dolomite Ramp	47.89	34.60	34.60	12.0	15.0	1327				
4	29.09.2024	Rest Shelter/Dolomite Ramp	46.85	31.08	31.08	13.0	17.0	1316				
5	02.09.2024	EDP	43.35	30.20	30.20	14.0	18.0	1293				
6	29.09.2024	EDP	48.08	40.25	40.25	12.0	17.0	1282				
7	02.09.2024	CS-11	45.00	31.19	31.19	14.0	16.0	1362				
8	29.09.2024	CS-11	47.83	30.42	30.42	12.0	18.0	1339				





TEST REPORT



TC-11227

Sample Number: VTL/AA/01-04 Report No.: VTL/A/2409140017-20/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: 24/09/2024
 Period of Analysis: 14-24/09/2024
 Receipt Date: 14/09/2024

Sample Description : Ambient Air Quality Monitoring

General Information:-

Sample collected by : VTL Team
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear sky
 Date of Sampling : 10/09/2024 to 11/09/2024
 Ambient Temperature (°C) : Min. 26°C, Max. 35 °C
 Surrounding Activity : Human, Vehicular & Plant Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS-5102 & 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 /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.	Particulate Matter (PM10)	IS: 5182 (P-23), 2006, RA 2017	60.20	62.44	54.61	59.37	µg/m ³	100
2.	Particulate Matter (PM2.5)	IS 5182 (P-24) -2019	30.25	32.29	26.52	28.79	µg/m ³	60
3.	Sulphur Dioxide (SO ₂)	IS: 5182 (P-2), 2001, RA 2018	7.54	9.21	6.25	7.63	µg/m ³	80
4.	Nitrogen Dioxide (NO ₂)	IS: 5182 (P-6), 2006 RA 2018	15.34	17.48	12.62	14.15	µg/m ³	80
5.	Benzene (as C ₆ H ₆)	IS: 5182 (P-11)-2006, RA 2017	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	µg/m ³	5
6.	Ammonia (as NH ₃)	3 rd Ed. 1988, Method No. 401	6.25	7.85	6.08	6.98	µg/m ³	400
7.	Ozone (as O ₃)	IS:5182 (P-9):1974, RA.2019	10.51	12.37	9.78	10.62	µg/m ³	100
8.	Lead (as pb)	IS:5182 (P-22):2004, RA.2019	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	µg/m ³	1
9.	Arsenic (as As)	3 rd Ed. 1988, Method No. 302	*BLQ(**LOQ0.15)	*BLQ(**LOQ0.15)	*BLQ(**LOQ0.15)	*BLQ(**LOQ0.15)	ng/m ³	6
10.	Nickel (as Ni)	USEPA Compendium IO-3.2, 1999	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	ng/m ³	20
11.	Benzo (a) Pyrene	IS:5182 (P-12):2004, RA.2019	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	ng/m ³	1

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

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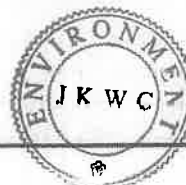
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TEST REPORT

Sample Number: VTL/AA/01-04
 Name & Address of the Party: M/s JK White Cement Works (Unit of)K Cement Ltd.)Vill. & Po.- Gotan, Dist.-Nagaur, Rajasthan
 Sample Description : Ambient Air Quality Monitoring

Report No.: VTL/A/2409140017-20/B
 Format No.: 7.8 F 02
 Party Reference No.: NIL
 Report Date: 24/09/2024
 Period of Analysis: 14-24/09/2024
 Receipt Date: 14/09/2024

General Information:-
 Sample collected by : VTL Team
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear sky
 Date of Sampling : 10/09/2024 to 11/09/2024
 Ambient Temperature (°C) : Min. 26°C, Max. 35 °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 /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.	Carbon Monoxide (as CO)	IS:5182 (P-10) NDIR	0.46	0.51	0.58	0.42	mg/m ³	4

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TEST REPORT



Sample Number:	VTL/AN/01-04	Report No.:	VTL/N/2409140017-20/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
Sample Description:	Ambient Noise Level Monitoring	Party Reference No.:	NIL
Scope of Monitoring:	Regulatory Requirement	Report Date:	24/09/2024
Protocol Used:	IS 9989	Receipt Date:	14/09/2024
Instrument Used:	SLM	Sampling Duration:	24 Hrs.
		Sample Collected by:	VTL Team
		Instrument Calibration Status:	Calibrated

Ambient Noise Level Monitoring Results

General Information:-

Meteorological condition during monitoring	: Clear sky
Date of Monitoring	: 10/09/2024 to 11/09/2024
Time of Monitoring	: 06:00 AM to 06:00AM
Ambient Temperature (°C)	: Min. 26°C, Max. 35 °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	
			Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
1.	Leq, dB(A)	IS:9989-1981, RA 2020	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				
			61.8	47.5	63.6	40.2	57.3	42.1	55.9	43.2

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, Loudspeakers 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-----

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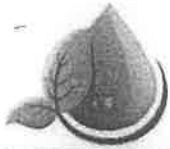
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Sample Number : VTLWW/01

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, 73.748795 N & 26.638279E

Coordinates : --

TEST REPORT



TC-11227

ULR No. : TC112272400000766F
Report No. : VTLWW/2409140003/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 24/09/2024
Period of Analysis : 14/09/2024-24/09/2024
Receipt Date : 14/09/2024
Sampling Date : 12/09/2024
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.42	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	13.0	mg/l	20
3	Temperature	IS: 3025 (P-9): 1984, RA 2017	1.41	°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) : 1988, Sec.4 RA: 2022	3.67	mg/l	5.0
6	Total Kjeldahl Nitrogen (as NH3)	IS: 3025 (P-34): 1988, RA 2022 (Macro Kjeldahl Method)	5.12	mg/l	10
7	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993, RA: 2019	6.7	mg/l	10
8	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	25.3	mg/l	50
9	Sulphide (as S)	IS: 3025 (P-29) :1986 Idometric, RA :2019	0.42	mg/l	2
10	Residual Free Chlorine	IS: 3025 (P-26):2021	0.59	mg/l	1.0

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

End of Report



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Sample Number : VTL/WW/01

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, 73.748795 N & 26.638279E

Coordinates : --

Report No. : VTL/WW/2409140003/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 24/09/2024

Period of Analysis : 14/09/2024-24/09/2024

Receipt Date : 14/09/2024

Sampling Date : 12/09/2024

Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA. 2019	862.0	mg/l	--
2	Fecal Coliform	IS 1622, 1981 RA 2019	38	MPN/100ml	<100

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

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Sample Number : VTL/S/01

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/2409140002/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 24/09/2024
Period of Analysis : 14/09/2024-24/09/2024
Receipt Date : 14/09/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Raw Mill/ Kiln ESP-1
Sample Collected By : VTL Team
Date of Sampling : 09/09/2024
Sampling duration (Minutes) : 32 min. (11:45 to 12:17 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) : 39°C
Temperature of Stack Gases - Ts (°C) : 154
Velocity of Stack Gases (m/sec.) : 22.67
Flow rate of PM (LPM) : 31
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	19.89	mg/Nm3	30
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA.2019	65.42	mg/Nm3	100
3	Carbon Monoxide (CO)	USEPA 10: 1996	18.12	mg/Nm3	--
4	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	387.51	mg/Nm3	800

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

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VIBRANT

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Sample Number : VTL/S/02

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

TEST REPORT



TC-11227

Report No. : VTL/S/2409140004/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 24/09/2024
Period of Analysis : 14/09/2024-24/09/2024
Receipt Date : 14/09/2024

Sample Description : Stack Emission Monitoring

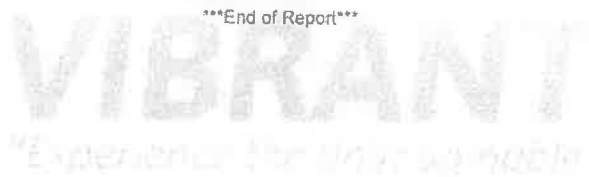
General Information:-

Sampling Location : Clinker Quencher (Steam Exhaust ESP)
Sample Collected By : VTL Team
Date of Sampling : 09/09/2024
Sampling duration (Minutes) : 44 min. (15:50 to 16:34 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) : 32°C
Temperature of Stack Gases - Ts (°C) : 113
Velocity of Stack Gases (m/sec.) : 6.85
Flow rate of PM (LPM) : 23
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	19.45	mg/Nm ³	30

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TEST REPORT



Sample Number : VTLS/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. : VTLS/2409140006/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 24/09/2024
Period of Analysis : 14/09/2024-24/09/2024
Receipt Date : 14/09/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Pet Coke/ Coal Mill-02
Sample Collected By : VTL Team
Date of Sampling : 09/09/2024
Sampling duration (Minutes) : 27 min. (14:30 to 14:57 hrs.)
Stack attached to : Bag House
Make of stack : MS
Diameter of stack(m) : 0.80 m
Height of stack(m) : 39 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 37°C
Temperature of Stack Gases - Ts (°C) : 64
Velocity of Stack Gases (m/sec.) : 22.10
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 (P-1) : 1985, RA 2019	16.24	mg/Nm3	30

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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/2409140005/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 24/09/2024
Period of Analysis : 14/09/2024-24/09/2024
Receipt Date : 14/09/2024

Sample Description : Stack Emission Monitoring

General Information:-
Sampling Location : Pet Coke/ Coal Mill-03
Sample Collected By : VTL Team
Date of Sampling : 11/09/2024
Sampling duration (Minutes) : 32 min. (11:45 to 12:17 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) : 39°C
Temperature of Stack Gases - Ts (°C) : 136
Velocity of Stack Gases (m/sec.) : 22.67
Flow rate of PM (LPM) : 31
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	10.92	mg/Nm3	30

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TEST REPORT



Sample Number: VTL/S/06
Name & Address of the Party : MIS JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur. Rajasthan

Report No. : VTL/S/2409140009/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 24/09/2024
Period of Analysis : 14/09/2024-24/09/2024
Receipt Date : 14/09/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Cement Mill -1 & 2
Sample Collected By : VTL Team
Date of Sampling : 10/09/2024
Sampling duration (Minutes) : 25 min. (16:00 to 16:25 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) : 39°C
Temperature of Stack Gases - Ts (°C) : 76
Velocity of Stack Gases (m/sec.) : 11.06
Flow rate of PM (LPM) : 40
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

Table with 5 columns: S.No., Parameters, Test Method, Results, Units, Limits. Row 1: 1, Particulate Matter (PM), IS: 11255 (P-1) : 1985, RA 2019, 11.36, mg/Nm3, 30

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

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TEST REPORT



Sample Number : VTL/S/06

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/2409140008/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 24/09/2024
Period of Analysis : 14/09/2024-24/09/2024
Receipt Date : 14/09/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Cement Mill -3
Sample Collected By : VTL Team
Date of Sampling : 10/09/2024
Sampling duration (Minutes) : 24 min. (16:50 to 17:14 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) : 40°C
Temperature of Stack Gases - Ts (°C) : 73
Velocity of Stack Gases (m/sec.) : 11.51
Flow rate of PM (LPM) : 42
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	9.82	mg/Nm3	30

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

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TEST REPORT



Sample Number : VTL/S/015
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/2409140018/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 24/09/2024
Period of Analysis : 14/09/2024-24/09/2024
Receipt Date : 14/09/2024

Sample Description : Stack Emission Monitoring

General Information:-
Sampling Location : DG Set 250 KVA
Sample Collected By : VTL Team
Date of Sampling : 12/09/2024
Sampling duration (Minutes) : 44 min. (15:10 to 15:54 hrs.)
Stack attached to : Acoustic Encloser
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) : 35°C
Temperature of Stack Gases - Ts (°C) : 120
Velocity of Stack Gases (m/sec.) : 8.99
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	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.012	gm/kw-hr	0.02
2	Oxide of Nitrogen (NOX)	IS 11255 (P- 7) 2005; RA 2017	0.23	gm/kw-hr	0.40
3	Total Hydrocarbon (HC)	USEPA 18: 1996	0.11	gm/kw-hr	0.19
4	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	5.12	gm/kw-hr	Not Specified
5	Carbon Monoxide (CO)	USEPA 10: 1996	1.42	gm/kw-hr	3.5

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

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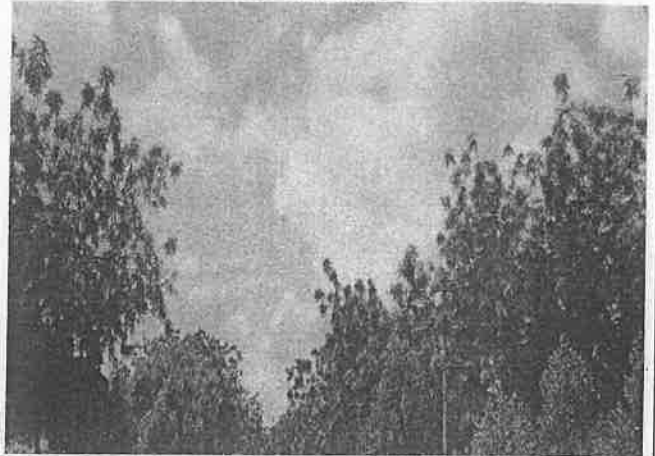
0141-2954638
bd@vibranttechnolab.com
www.vibranttechnolab.com



PLANTATION INSIDE THE PLANT



PLANTATION INSIDE THE PLANT



PLANTATION INSIDE THE PLANT



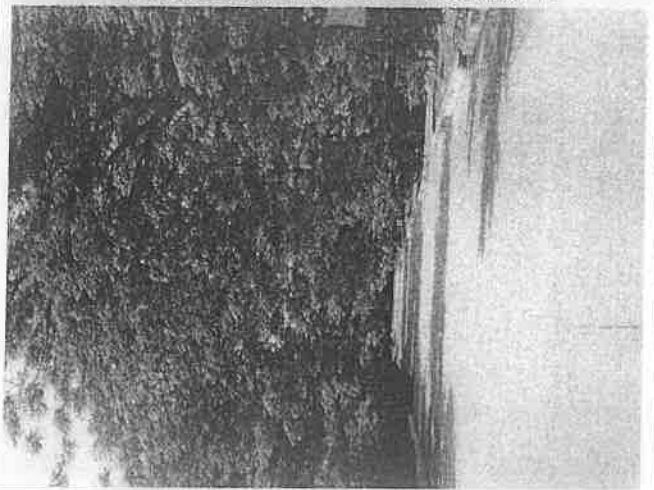
PLANTATION INSIDE THE PLANT



MIYAWAKI PLANTATION AT BOUNDARY



PLANTATION INSIDE THE COLONY



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

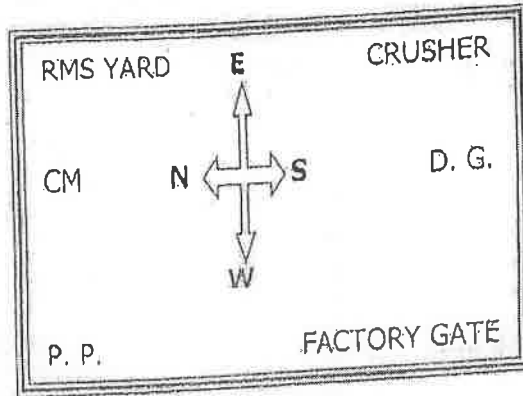
Date: 28.19/24 Time: 11:30 PM Day/ Night: Day Night

N4-60/62

E7-60/62

E4-59/60

S6-59/60



N8-60/61

S3-60/61

W3-62/61

W7-59/60

- 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
- FEELDSPAR MILL -2 : OPERATING/ NOT OPERATING
- Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

REMARKS IF ANY:

Leag. 59.14

MEASURED BY:



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

Date: 28/9/24

Time: 2:30 PM

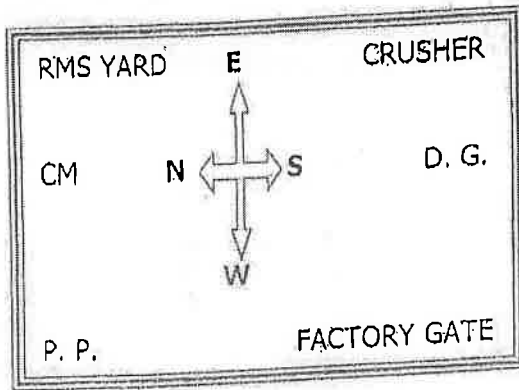
Day/ Night: Day

N4- 64/5

E7- 59/60

E4- 58/59

S6- 59/60



N8- 66/68

S3- 60/62

W3- 61/62

W7- 62/63

- 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
- Raw* FEEDSPAR MILL - 2 : OPERATING/ NOT OPERATING
- Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING

Leq - 60.1

REMARKS IF ANY:

SIGNATURE:

MEASURED BY:

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

Date: 24/8/24

Time: 10:45 PM

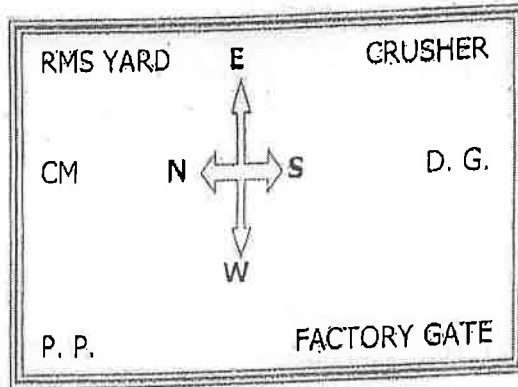
Day/ Night: Day Night

N4- 61/62

E7- 56/58

E4- 57/58

S6- 5



N8- 59/60

S3- 58/59

W3- 62/60

W7- 62/63

- 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 ✓
- low FELDSPAR MILL - 2 : OPERATING/ NOT OPERATING ✓
- Pre-Mix Dry Mortar (Putty) : OPERATING/ NOT OPERATING ✓

Leg- 57.84

REMARKS IF ANY:


 SIGNATURE:

MEASURED BY:

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

Date: 24/8/24

Time: 11:00 Am Day/ Night:

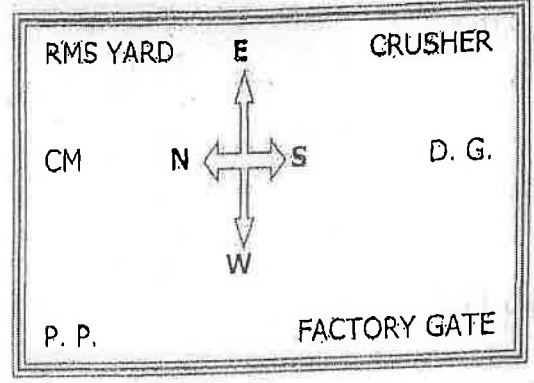
N4- 64/63

E7-63/62

E4-

S6-

N8- 61/62



S3-

W3- 64/67

59/62
W7/62

- 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
- ~~LOW~~ - FELDSPAR MILL - 2 OPERATING/ NOT OPERATING
- Pre-Mix Dry Mortar (Putty) OPERATING/ NOT OPERATING

Leg. 60.52

REMARKS IF ANY:

MEASURED BY:



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

Date: 26/07/2024

Time: 10:50

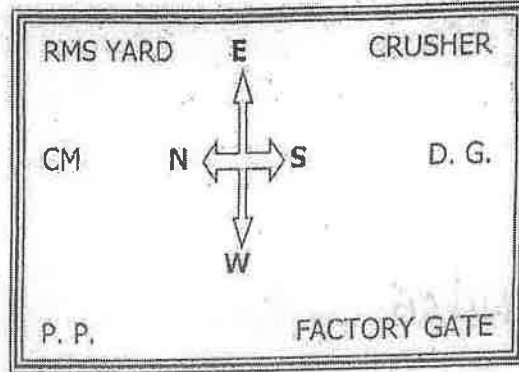
Day/ Night:

N4- 60/62

E7- 61/62

E4- 59/61

S6- 60/61



N8- 62/63

S3- 58/59

W3- 60/61

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

Leg JB.14

REMARKS IF ANY:



MEASURED BY:

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

Date: 26/07/2024

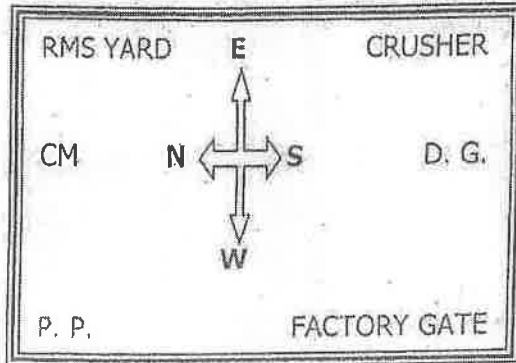
Time: 9:30

Day/ Night:

N4- 64/65

E7- 62/63

E4- 61/62



S6- 62/61

N8- 64/66

S3- 60/61

W3- 64/65

W7- 63/64

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

59.84
Leq.

REMARKS IF ANY:



MEASURED BY:

**JK WHITE CEMENT WORKS, GOTAN
MONTHLY ENVIRONMENT MONITORING REPORT
FOR THE QUARTER - 1 (APR - 2024 TO JUN - 2024) FY 2024-25**

Annexure-1

**STACK MONITORING REPORT
MONTH: APR-2024**

S. No	Stack Mark	Stack attached to	Stack D/A (in mm)	Stack Height. From G.L. (mts.)	Operating conditions	Temp. of Gases °c	Velocity (m/sec)	Volume of Gas in Stack (Nm ³ /Min)	PM (Mg/Nm ³)	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.	40	10.1	291.0	13.0	61.10	498.93			
2	B	Screen House	480	31		42	9.4	96.1	15.4					
3	C	RM Sec. Crusher	1050	38		38	10.2	506.3	16.5					
4	D	Kiln Feed Section	900	39		41	9.6	345.9	11.8					
5	E	Raw Mill and Kiln Stack (ESP-I)	2100	65		131	17.8	2722.2	20.3					
6	F	New ESP (ESP-2)	1400	40		plant under shutdown	195	14.7	1196.7			21.2		
7	G	Quencher Stack (Kiln outlet)	1650	30			plant under shutdown	63	10.5			280.9	9.9	
8	H	Petro Coke Mill - I	800	31		56		11.6	475.1			20.2		
9	I	Petro Coke Mill - II	800	31		40	9.5	271.8	10.3					
10	J	Petro Coke Mill - III	980	40		84	13.5	225.0	8.9					
11	K	Clinker Tunnel	800	30		80	12.9	216.8	10.7					
12	L	Cement Mill - I & II	650	30		39	9.5	86.1	13.8					
13	M	Cement Mill - III	650	30		41	7.8	223.2	12.8					
14	N	Packing Plant (50 kg)	450	32		plant under shutdown								under shutdown
15	O	Packing Plant (Bag Cleaning Sys.)	800	32										
16	P	Boiler Stack (TPP)	1200	72										

**AMBIENT AIR QUALITY MONITORING REPORT
MONTH: APR-2024**

SR.	DATE	LOCATION	PM ₁₀ µg/M ³		PM _{2.5} µg/M ³		SO ₂ µg/M ³		NO _x µg/M ³		CO µg/M ³	
			µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³
1	01.04.2024	132 KV SS	62	43	43	10.0	14.0	1144				
2	29.04.2024	132 KV SS	65	40	40	11.0	16.0	1030				
3	01.04.2024	Rest Shelter/Dolomite Ramp	68	32	32	14.0	17.0	1144				
4	29.04.2024	Rest Shelter/Dolomite Ramp	62	47	47	12.0	18.0	1259				
5	01.04.2024	EDP	54	46	46	12.0	20.0	1030				
6	29.04.2024	EDP	58	35	35	10.0	14.0	915				
7	01.04.2024	CS-11	50	37	37	10.0	12.0	915				
8	29.04.2024	CS-11	53	41	41	11.0	15.0	1030				



STACK MONITORING REPORT
MONTH: MAY-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 (Nm ³ /Min)	PM (Mg/Nm ³)	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.	46	10.6	299.16	15.6	49.38	528.3
2	B	Screen House	480	31		44	10.0	102.09	14.7		
3	C	RM Sec. Crusher	1050	38		40	9.4	464.71	16.0		
4	D	Kiln Feed Section	900	39		43	9.7	349.76	12.6		
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		134	16.9	2573.80	19.6		
6	F	New ESP (ESP-2)	1400	40		plant under shutdown					
7	G	Quencher Stack (Kiln outlet)	1650	30		197	13.9	1131.81	21.4		
8	H	Petro Coke Mill - I	800	31		plant under shutdown					
9	I	Petro Coke Mill - II	800	31		69	10.94	287.22	11.2		
10	J	Petro Coke Mill - III	980	40		66	11.6	460.73	8.1		
11	K	Clinker Tunnel	800	30		43	9.9	280.24	11.7		
12	L	Cement Mill - I & II	650	30		81	13.7	229.61	8.0		
13	M	Cement Mill - III	650	30		82	13.1	218.08	10.4		
14	N	Packing Plant (50 kg)	450	32		41	9.7	87.72	14.2		
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		43	8.6	245.46	12.0		
16	P	Boiler Stack (TPP)	1200	72		plant under shutdown					

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: MAY-2024

SR.	DATE	LOCATION	PM ₁₀ µg/M ³	PM _{2.5} µg/M ³	SO ₂ µg/M ³	NO _x µg/M ³	CO µg/M ³
1	06.05.2024	132 KV SS	60	44	13.0	15.0	915
2	27.05.2024	132 KV SS	62	35	9.0	18.0	1030
3	06.05.2024	Rest Shelter	65	38	13.0	20.0	1259
4	27.05.2024	Rest Shelter	69	44	10.0	18.0	1144
5	06.05.2024	EDP	54	38	12.0	16.0	1030
6	27.05.2024	EDP	58	39	14.0	14.0	1030
7	06.05.2024	CS-11	50	34	16.0	16.0	915
8	27.05.2024	CS-11	57	38	12.0	14.0	801



STACK MONITORING REPORT
MONTH: JUN-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 (Nm ³ /Min)	PM (Mg/Nm ³)	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.	43	13.7	390.8	17.0	70.05	399.33			
2	B	Screen House	480	31		199	13.7	1107.9	21.4					
3	C	RM Sec. Crusher	1050	38		70	14.3	375.1	10.6					
4	D	Kiln Feed Section	900	39		67	13.4	532.6	10.1					
5	E	Raw Mill and Kiln Stack (ESP-1)	2100	65		45	9.8	275.5	14.8					
6	F	New ESP (ESP-2)	1400	40		78	11.7	197.0	8.6					
7	G	Quencher Stack (Kiln outlet)	1650	30		81	11.3	188.6	10.1					
8	H	Petro Coke Mill - I	800	31		43	8.8	79.0	13.1					
9	I	Petro Coke Mill - II	800	31		44	8.1	229.3	10.4					
10	J	Petro Coke Mill - III	980	40		Plant under shutdown								
11	K	Clinker Tunnel	800	30		Plant under shutdown								
12	L	Cement Mill - I & II	650	30		Plant under shutdown								
13	M	Cement Mill - III	650	30		Plant under shutdown								
14	N	Packing Plant (50 kg)	450	32		Plant under shutdown								
15	O	Packing Plant (Bag Cleaning Sys.)	800	32		Plant under shutdown								
16	P	Boiler Stack (TPP)	1200	72		Plant under shutdown								

AMBIENT AIR QUALITY MONITORING REPORT
MONTH: JUN-2024

SR.	DATE	LOCATION	PM ₁₀ µg/M ³		PM _{2.5} µg/M ³		SO ₂ µg/M ³		NO _x µg/M ³		CO µg/M ³	
			µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³	µg/M ³
1	07.06.2024	132 KV SS	60	43	10.0	14.0	12.0	1259				
2	28.06.2024	132 KV SS	55	35	12.0	12.0	1144	1259				
3	07.06.2024	Rest Shelter/Dolomite Ramp	68	43	14.0	14.0	1030	1030				
4	28.06.2024	Rest Shelter/Dolomite Ramp	69	44	16.0	16.0	1144	1030				
5	07.06.2024	EDP	58	39	13.0	10.0	14.0	1030				
6	28.06.2024	EDP	54	35	10.0	12.0	14.0	1030				
7	07.06.2024	CS-11	45	35	10.0	14.0	14.0	1030				
8	28.06.2024	CS-11	57	31	9.0	10.0	10.0	1030				





TEST REPORT



Sample Number: VTL/AA/01-04
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/A/2406150005-08/A
Format No.: 7.8 F 02
Party Reference No.: NIL
Report Date: 20/06/2024
Period of Analysis: 15-20/06/2024
Receipt Date: 15/06/2024
Sample Description : Ambient Air Quality Monitoring

General Information:-
Sample collected by : VTL Team
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear sky
Date of Sampling : 12/06/2024 to 13/06/2024
Ambient Temperature (°C) : Min. 33°C, Max. 42 °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 /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.	Particulate Matter (PM10)	IS: 5182 (P-23), 2006, RA 2017	65.42	61.25	57.69	66.75	µg/m ³	100
2.	Particulate Matter (PM2.5)	IS 5182 (P-24) -2019	33.21	35.73	28.16	34.62	µg/m ³	60
3.	Sulphur Dioxide (SO ₂)	IS: 5182 (P-2), 2001, RA 2018	0.67	10.54	7.44	9.59	µg/m ³	80
4.	Nitrogen Dioxide (NO ₂)	IS: 5182 (P-6), 2006 RA 2018	17.80	19.57	13.76	18.41	µg/m ³	80
5.	Benzene (as C6H6)	IS: 5182 (P-11)-2006, RA.2017	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	*BLQ(**LOQ1.0)	µg/m ³	5
6.	Ammonia (as NH ₃)	3 rd Ed. 1988, Method No. 401	7.32	9.11	7.10	78.32	µg/m ³	400
7.	Ozone (as O ₃)	IS:5182 (P-9):1974, RA.2019	12.56	15.78	10.84	14.51	µg/m ³	180
8.	Lead (as pb)	IS:5182 (P-22):2004, RA.2019	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	*BLQ(**LOQ0.02)	µg/m ³	1
9.	Arsenic (as As)	3 rd Ed. 1988, Method No. 302	*BLQ(**LOQ0.15)	*BLQ(**LOQ0.15)	*BLQ(**LOQ0.15)	*BLQ(**LOQ0.15)	ng/m ³	6
10.	Nickel (as Ni)	USEPA Compendium 10-3.2, 1999	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	*BLQ(**LOQ5.0)	ng/m ³	20
11.	Benzo (a) Pyrene	IS:5182 (P-12):2004, RA.2019	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	*BLQ(**LOQ0.2)	ng/m ³	1

End of the Report



Checked By
 Approved & Certified

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

RK Yadav
 Lab Incharge
 Authorized Signatory

Term & conditions P/T/O

Vibrant Techno Lab Pvt. Ltd.

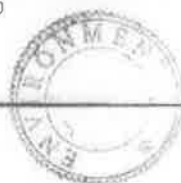
9 SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj, 302020

9929108691, 9810205356, 8005707098, 9549956601

☎ 0141-2954638

✉ bd@vibranttechnolab.com

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TEST REPORT

Sample Number: VTL/AA/01-04
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/A/2406150005-00/B
Format No.: 7.8 F 02
Party Reference No.: NIL
Report Date: 20/06/2024
Period of Analysis: 15-20/06/2024
Receipt Date: 15/06/2024

Sample Description : Ambient Air Quality Monitoring

General Information:-
 Sample collected by : VTL Team
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear sky
 Date of Sampling : 12/06/2024 to 13/06/2024
 Ambient Temperature (°C) : Min. 33°C, Max. 42 °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 /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°38'38"N	73°44'46"E 26°38'28"N		
1.	Carbon Monoxide (as CO)	IS:5182 (P-10) NDIR	0.49	0.56	0.62	0.50	mg/m ³	4

End of the Report



Checked By
 Approved & Certified



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

RK Yadav
 Lab Incharge
 Authorized Signatory

Term & conditions PTD

Vibrant Techno Lab Pvt. Ltd.

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 ☎ 9929108691, 9810205356, 8005707098, 9549956601

☎ 0141 2954638
 ✉ bd@vibranttechnolab.com
 🌐 www.vibranttechnolab.com





TEST REPORT



Sample Number:	VTI/AN/01-04	Report No.:	VTI/N/2406150005-08/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
Sample Description:	Ambient Noise Level Monitoring	Party Reference No.:	NIL
Scope of Monitoring	Regulatory Requirement	Report Date:	20/06/2024
Protocol Used:	IS 9989	Receipt Date:	15/06/2024
Instrument Used:	SLM	Sampling Duration	24 Hrs.
		Sample Collected by	VTI Team
		Instrument	Calibrated
		Calibration Status	Calibrated

Ambient Noise Level Monitoring Results

General Information:-

Meteorological condition during monitoring : Clear sky
 Date of Monitoring : 12/06/2024 to 13/06/2024
 Time of Monitoring : 06:00 AM to 06:00AM
 Ambient Temperature (°C) : Min. 33°C, Max. 42 °C
 Surrounding Activity : Human, Vehicular & Plant Activities
 Parameter Required : As per Work Order

Sr.	Test Parameter	Protocol	Location & Latlong							
			132 RVSS		Rest Shelter /Diplomite 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	Day Time	Night Time	Day Time	Night Time
1.	Leq dB(A)	IS:9989-1981, RA 2020	63.3	48.7	65.2	42.1	60.8	44.3	56.9	46.5

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, Loudspeakers 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-----

Checked By



RK Yadav
Lab Incharge
Authorized Signatory

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TEST REPORT



VIBRANT

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Sample Number: VTL/WW/01

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, 73.748795 N & 26.638279E
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1122724000000418F
Report No. : VTL/WW/2408150002/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 25/08/2024
Period of Analysis : 15/08/2024-25/08/2024
Receipt Date : 15/08/2024
Sampling Date : 14/08/2024
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : --

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.58	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	16.00	mg/l	20
3	Temperature	IS: 3025 (P-9): 1984, RA 2017	1.62	°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 NH ₃ -N)	IS: 3025 (P-34) : 1988, Sec.4 RA 2022	3.92	mg/l	5.0
6	Total Kjeldahl Nitrogen (as NH ₃)	IS: 3025 (P-34): 1988, RA 2022 (Macro Kjeldahl Method)	6.72	mg/l	10
7	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 1993 RA 2019	8.1	mg/l	10
8	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2006 RA: 2017	29.64	mg/l	50
9	Sulphide (as S)	IS: 3025 (P-29) : 1986 Isometric, RA 2019	0.48	mg/l	2
10	Residual Free Chlorine	IS: 3025 (P-26):2021	0.70	mg/l	1.0

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

End of Report

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TEST REPORT

Sample Number : VTLAWW01

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, 73,748795 N & 26.638279E
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

Report No. : VTLAWW/2406150002/B
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 25/06/2024
 Period of Analysis : 15/06/2024-25/06/2024
 Receipt Date : 15/06/2024
 Sampling Date : 14/06/2024
 Sampling Type : Grab
 Sample Quantity : 2 Ltr
 Coordinates : --

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	999.89	mg/l	--
2	Fecal Coliform	IS 1622, 1981 RA 2019	29	MPN/100ml	<100

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

End of Report



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TEST REPORT



Sample Number : VTLS/01
 Name & Address of the Party : M/S JK White Cement Works
 (Unit of JK Cement Ltd.) Vill. & Po. Gotan, Dist. - Nagaur, Rajasthan

Report No. : VTLS/2408150003/A
 Format No : 7.8 F-03
 Party Reference No : 4300005689
 Report Date : 25/06/2024
 Period of Analysis : 15/06/2024-25/06/2024
 Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Raw Mill Kiln ESP-1
 Sample Collected By : VTL Team
 Date of Sampling : 12/06/2024
 Sampling duration (Minutes) : 29 min. (15:00 to 15:29 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) : 38°C
 Temperature of Stack Gases - Ts (°C) : 137
 Velocity of Stack Gases (m/sec.) : 11.32
 Flow rate of PM (LPM) : 35
 Flow rate of Gas (LPM) : 20
 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	22.90	mg/Nm ³	30
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA 2019	70.96	mg/Nm ³	100
3	Carbon Monoxide (CO)	USEPA 10: 1995	20.09	mg/Nm ³	--
4	Oxide of Nitrogen (NO ₂)	IS-11255 (P-7), RA 2017	427.39	mg/Nm ³	800

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

End of Report



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TEST REPORT



Sample Number : VTL/S/02
 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/2408150005/A
 Format No : 7.8 F-03
 Party Reference No : 4300005889
 Report Date : 25/06/2024
 Period of Analysis : 15/05/2024-25/06/2024
 Receipt Date : 15/05/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Clinker Quencher (Steam Exhaust ESP)
 Sample Collected By : VTL Team
 Date of Sampling : 12/06/2024
 Sampling duration (Minutes) : 25 min (17:00 to 17:25 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) : 39°C
 Temperature of Stack Gases - Ts (°C) : 186
 Velocity of Stack Gases (m/sec.) : 14.44
 Flow rate of PM (LPM) : 40
 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	21.00	mg/Nm ³	30

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

End of Report



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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

TEST REPORT



Report No. : VTL/S/2406150007/A
Format No : 7.B.F-03
Party Reference No : NIL
Report Date : 25/06/2024
Period of Analysis : 15/06/2024-25/06/2024
Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Pet Coke/ Coal Mill-02
Sample Collected By : VTL Team
Date of Sampling : 11/06/2024
Sampling duration (Minutes) : 28 min. (13:10 to 13:38 hrs.)
Stack attached to : Bag House
Make of stack : MS
Diameter of stack(m) : 0.80 m
Height of stack(m) : 39 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 33°C
Temperature of Stack Gases - Ts (°C) : 63
Velocity of Stack Gases (m/sec.) : 15.02
Flow rate of PM (LPM) : 57
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	19.54	mg/Nm ³	30

*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/2406150006/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 25/05/2024
Period of Analysis : 15/05/2024-25/06/2024
Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Pet Coke/ Coal Mill-03
Sample Collected By : VTL Team
Date of Sampling : 12/06/2024
Sampling duration (Minutes) : 18 min. (08:35 to 08:53 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) : 36°C
Temperature of Stack Gases - Ts (°C) : 80
Velocity of Stack Gases (m/sec.) : 14.77
Flow rate of PM (LPM) : 56
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	12.38	mg/Nm3	30

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

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TEST REPORT



TC-13227

Sample Number : VTL/S/06
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/2406160010/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 25/06/2024
Period of Analysis : 15/06/2024-25/06/2024
Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Cement Mill -1 & 2
Sample Collected By : VTL Team
Date of Sampling : 12/06/2024
Sampling duration (Minutes) : 25 min. (12:10 to 12:35 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) : 38°C
Temperature of Stack Gases - Ts (°C) : 76
Velocity of Stack Gases (m/sec.) : 11.02
Flow rate of PM (LPM) : 40
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	14.15	mg/Nm ³	30

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

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TEST REPORT



Sample Number : VTL/S/06
Name & Address of the Party : M/S JK White Cement Works
(Unit of JK Cement Ltd.) Vill. & Po. Golan, Dist. -
Nagaur, Rajasthan

Report No. : VTL/S/2406150009/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 25/06/2024
Period of Analysis : 15/06/2024-25/06/2024
Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Cement Mill -3
Sample Collected By : VTL Team
Date of Sampling : 12/06/2024
Sampling duration (Minutes) : 25 min. (08:00 to 08:25 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) : 36°C
Temperature of Stack Gases - Ts (°C) : 79
Velocity of Stack Gases (m/sec.) : 11.02
Flow rate of PM (LPM) : 43
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	11.2	mg/Nm3	30

*BLO= 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. Golari, Dist - Nagaur, Rajasthan

Report No. : VTL/S/2408150011/A
 Format No : 7.8 F-03
 Party Reference No : Nil
 Report Date : 25/06/2024
 Period of Analysis : 15/06/2024-25/06/2024
 Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Lime Stone Crusher
 Sample Collected By : VTL Team
 Date of Sampling : 12/06/2024
 Sampling duration (Minutes) : 19 min. (09:00 to 09:19 hrs.)
 Stack attached to : Bag House
 Make of stack : MS
 Diameter of stack(m) : 0.80 m
 Height of stack(m) : 31 m
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 38.1°C
 Temperature of Stack Gases - Ts (°C) : 44
 Velocity of Stack Gases (m/sec.) : 13.13
 Flow rate of PM (LPM) : 63
 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	14.12	mg/Nm3	30

*BLO= Below Limit Of Quantification, **LQ= Limit Of Quantification

End of Report



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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/2406150012/A
 Format No : 7.8 F-03
 Party Reference No : NIL
 Report Date : 25/06/2024
 Period of Analysis : 15/06/2024-25/06/2024
 Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Packing Plant (50 Kg.)
 Sample Collected By : VTL Team
 Date of Sampling : 12/06/2024
 Sampling duration (Minutes) : 40 min. (09:00 to 09:40 hrs.)
 Stack attached to : Bag House
 Make of stack : MS
 Diameter of stack(m) : 0.90 m
 Height of stack(m) : 32 m
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 36°C
 Temperature of Stack Gases - Ts (°C) : 56
 Velocity of Stack Gases (m/sec.) : 6.39
 Flow rate of PM (LPM) : 25
 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	17.54	mg/Nm ³	30

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

End of Report



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TEST REPORT



Sample Number : VTLS/07
 Name & Address of the Party : M/S JK White Cement Works
 (Unit of JK Cement Ltd.) Vill. & Po. Gotah, Dist. -
 Nagaur, Rajasthan

Report No. : VTLS/2408150011/A
 Format No. : 7.8 F-03
 Party Reference No. : NIL
 Report Date : 25/06/2024
 Period of Analysis : 15/06/2024-25/06/2024
 Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-
 Sampling Location : Limestone Crusher
 Sample Collected By : VTL Team
 Date of Sampling : 12/06/2024
 Sampling duration (Minutes) : 19 min. (09:00 to 09:19 hrs.)
 Stack attached to : Bag House
 Make of stack : MS
 Diameter of stack(m) : 0.80 m
 Height of stack(m) : 31 m
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 38.1°C
 Temperature of Stack Gases - Ts (°C) : 44
 Velocity of Stack Gases (m/sec.) : 13.13
 Flow rate of PM (LPM) : 53
 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	4.12	mg/Nm ³	30

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

End of Report



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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/2406150012/A
 Format No : 7.8 F-03
 Party Reference No : NIL
 Report Date : 26/06/2024
 Period of Analysis : 15/06/2024-25/06/2024
 Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Packing Plant (50 Kg.)
 Sample Collected By : VTL Team
 Date of Sampling : 12/06/2024
 Sampling duration (Minutes) : 40 min, (09.00 to 09.40 hrs.)
 Stack attached to : Bag House
 Make of stack : MS
 Diameter of stack(m) : 0.90 m
 Height of stack(m) : 32 m
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 36°C
 Temperature of Stack Gases - Ts (°C) : 56
 Velocity of Stack Gases (m/sec.) : 6.39
 Flow rate of PM (LPM) : 25
 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	17.54	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/015
 Name & Address of the Party : M/S JK White Cement Works
 (Unit of JK Cement Ltd.) Vill. & Po. Golan, Dist - Nagaur, Rajasthan

Report No. : VTL/S/2406150019/A
 Format No : 7.8 F-03
 Party Reference No : NIL
 Report Date : 25/06/2024
 Period of Analysis : 15/06/2024-25/06/2024
 Receipt Date : 15/06/2024

Sample Description : Stack Emission Monitoring

General Information:-
 Sampling Location : DG Set 250 KVA
 Sample Collected By : VTL Team
 Date of Sampling : 13/06/2024
 Sampling duration (Minutes) : 37 min. (15:00 to 15:37 hrs.)
 Stack attached to : Acoustic Encloser
 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) : 40°C
 Temperature of Stack Gases - Ts (°C) : 131
 Velocity of Stack Gases (m/sec.) : 8.71
 Flow rate of PM (LPM) : 27
 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	0.01	gm/kw-hr	0.02
2	Oxide of Nitrogen (NOx)	IS 11255 (P- 7) 2005: RA 2017	0.28	gm/kw-hr	0.40
3	Total Hydrocarbon (HC)	USEPA 18: 1996	0.13	gm/kw-hr	0.19
4	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	8.17	gm/kw-hr	Not Specified
5	Carbon Monoxide (CO)	USEPA 10: 1996	1.39	gm/kw-hr	3.5

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

End of Report



Checked by



RK Yadav
 Lab Incharge
 Authorized Signatory



Term & conditions P/O

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

Page No. 1/1

Vibrant Techno Lab Pvt. Ltd.

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 9929108891, 9810205356, 8005707098, 9549956601

0141-2954638
 bd@vibranttechnolab.com
 www.vibranttechnolab.com



PLANTATION INSIDE THE PLANT



PLANTATION INSIDE THE PLANT



PLANTATION INSIDE THE PLANT



PLANTATION INSIDE THE PLANT



MIYAWAKI PLANTATION AT BOUNDARY



PLANTATION INSIDE THE COLONY

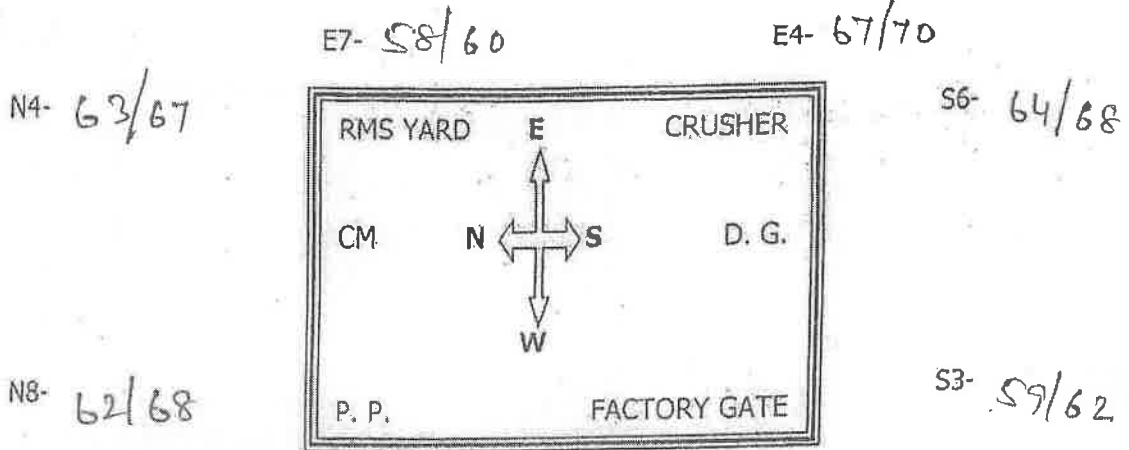


We have committed to continual improvement & sustainability.....



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

Date: 21/06/2024 Time: 10.00 Day/ Night: Day



- 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

29/60.10

REMARKS IF ANY:

SIGNATURE:

MEASURED BY:

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

Date: 21/06/2024

Time: 10:55

Day/ Night:

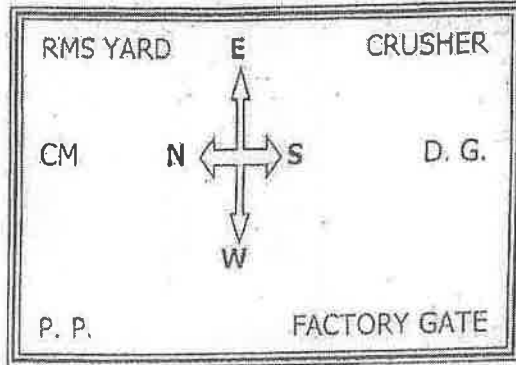
N4- 60/63

E7- 53/60

E4- 62/57

S6- 60/63

N8- 59/61



S3- 57/60

W3- 58/60

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

REMARKS IF ANY:

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60/61



MEASURED BY:

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

Date: 24/05/2024

Time: 9.50

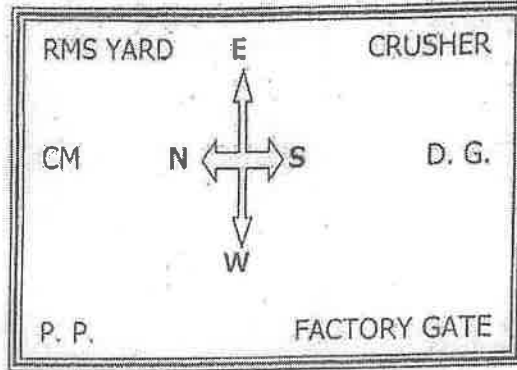
Day/ Night: Day

N4- 62/67

E7- 59/63

E4- 63/68

S6- 62/66



N8- 63/69

S3- 58/61

W3- 64/66

W7- 61/67

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

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60'12

REMARKS IF ANY:

MEASURED BY:



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

Date: 24/05/2024

Time: 10.35

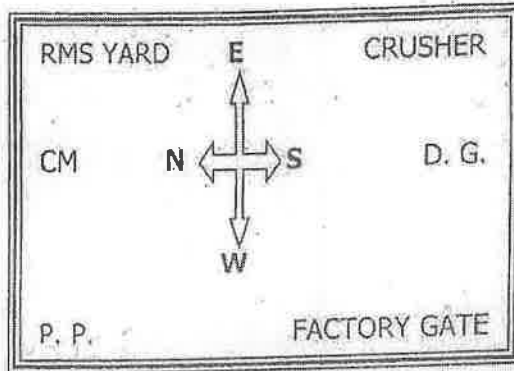
Day/ Night:

N4- 58/61

E7- 58/61

E4- 62/67

S6- 59/62



N8- 59/63

S3- 59/61

W3- 61/62

W7- 58/63

- 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

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56.62

REMARKS IF ANY:

SIGNATURE:

MEASURED BY:

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

Date: 26/04/2024

Time: 10.25

Day/ Night: Day

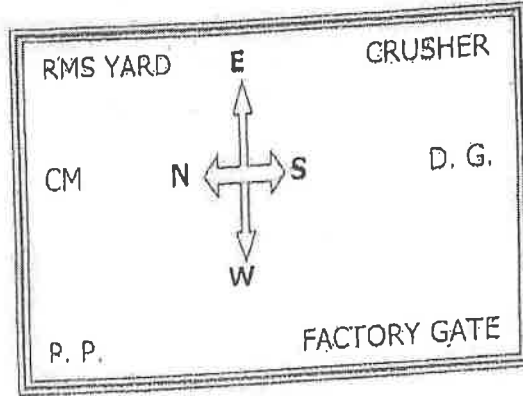
N4- 61/63

E7- 58/60

E4- 63/68

S6- 60/64

N8- 65/69



S3- 59/62

W3- 62/66

W7- 63/68

- 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

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58.24

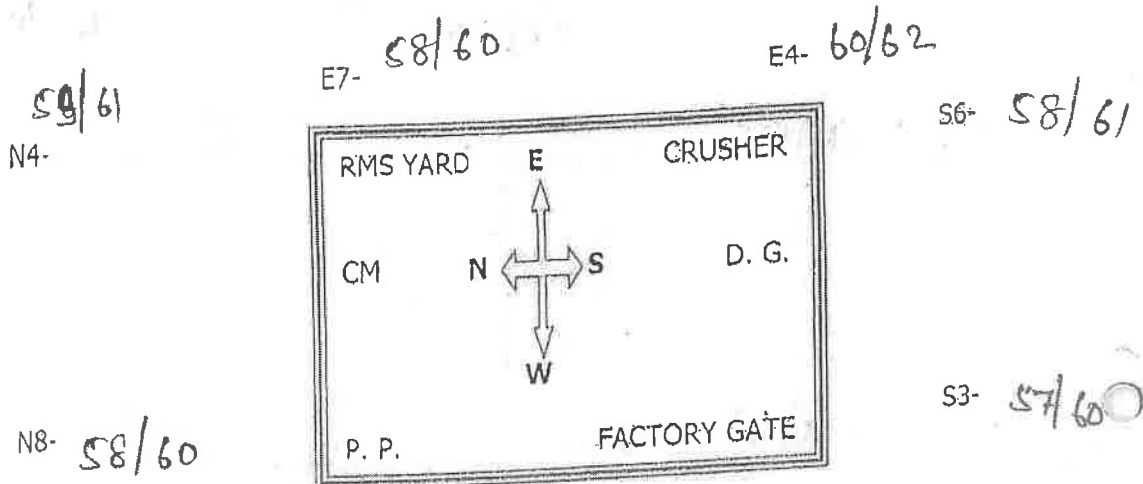
REMARKS IF ANY:



MEASURED BY:

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

Date: 26/04/2024 Time: 11.00 Day/ Night: Day



- 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

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58/57

REMARKS IF ANY:

SIGNATURE:

MEASURED BY:

Annex-3

JK WHITE CEMENT WORKS, GOTAN FY 2024-25											
Plant/Site	Employee Name	AUDIOMETR Y	Blood Group	DISTANT VISION		ECG REPORT	HEIGHT	NEAR VISION		SPIROMETRY	WEIGHT
				LEFT	RIGHT			LEFT	RIGHT		
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	MI 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	MI 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	BRJESH	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	MI 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	MI 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	MI 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	MI 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	MI 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

12

13

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	SHALENDRA	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

