

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	IA/MP/IND/254132/2022
Compliance ID	1227658060
Compliance Number(For Tracking)	EC/M/COMPLIANCE/1227658060/2026
Reporting Year	2026
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	22-05-2026
RO/SRO Name	Shri Kailash Chand Meena
RO/SRO Email	rj107@ifs.nic.in
State	MADHYA PRADESH
RO/SRO Office Address	Integrated Regional Offices, Bhopal

Note:- SMS and E-Mail has been sent to Shri Kailash Chand Meena, MADHYA PRADESH with Notification to Project Proponent.

Ref.No.: JKCEMENT/ENV./EC/PLANT/2026-27/01/27

Date: 18.05.2026

To,
Regional Office (WZ),
Kendriya Paryavaran Bhawan,
E-5, Arera Colony, Link Road-3, Ravi Shankar Nagar
BHOPAL – 462 016
E-Mail: rowz.bpl-mef@nic.in

Subject: Submission of Half Yearly Environmental Clearance Compliance Status Report for Integrated Cement plant M/s JK Cement Limited (Unit-Panna) located at Villages: Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj, District: Panna (Madhya Pradesh) for the period of **October 2025 to March 2026**.

Ref:

1. Environment Clearance vide no IA-J-11011/224/2016-IA.II(I) dated 14.10.2020.
2. Environment Clearance vide no IA-J-11011/224/2016-IA.II(I) dated 02.03.2022.
3. MoEF & CC notification no. S.O. 5845 (E) 26.11.2018.
4. Name Change in EC vide no IA-J-11011/224/2016-IA. II (I) dated 26.02.2024
5. Environment Clearance vide no. IA-J-11011/224/2016-IA-II(IND-I) dated 02.01.2025.
6. Environment Clearance vide no. IA-J-11011/224/2016-IA-II(IND-I) dated 10.10.2025.

Dear Sir,

With reference to above stated Environment Clearances (ECs) and MoEF &CC notification no. S.O. 5845 (E) 26.11.2018, we are submitting Half Yearly Environment Clearance Compliance Status Report for period from **October 2025 to March 2026** for Proposed increase in Clinker Production Capacity under para 7 (ii) (b) of the EIA Notification, 2006 i.e., "No Increase in Pollution Load", from [{6.6 (2 x 3.3 Million TPA) to 7.92 (1 x 3.63 Million TPA) & (1 x 4.29 Million TPA)}] without change in Cement - 6.0 (2 x 3.0 Million TPA), WHRS - 50 (2 x 25 MW), DG Set - 2500 kVA & dropping out CPP (40 MW) at Villages: Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj, District: Panna (Madhya Pradesh) by M/s. JK Cement Limited (JKCL).

Thanking you,

Yours Sincerely

For: J K Cement Limited, Unit-Panna



Kapil Agrawal
(Unit Head)

Encl.: Copy of EC Compliance Status Report Soft copy sent by mail to:

1. Member Secretary, MP Pollution Control Board, Paryawaran Parisar, E-5, Arera Colony, Bhopal (MP).
2. Regional Officer, Regional Office, MP Pollution Control Board, Makronia, Sagar (MP)
3. Regional Director- CPCB, Paryawaran Parisar, E-5, Arera Colony, Bhopal (MP).
4. Deputy Director General of forest (C), MoEFCC, Integrated Regional Office, Bhopal-462016.
5. The Director, MoEFCC, Indira Paryavaran Bhavan, New Delhi-11003.



Corporate Office

- Prism Tower, Ninaniya Estate, Gwal Pehari, Gurugram, Haryana - 122102, India
- +0124-6919000
- corpcom@jkcement.com



Manufacturing Units at:

- Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)
Jharli (Haryana) | Katnl, Panna, Ujjain (M.P.) | Prayagraj, Aligarh, Hamirpur (U.P.)
Balasinor (Gujarat) | Buxar (Bihar) | Fujalrah (UAE) | Ampavali, Choudwar (Odisha)



Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

Name of the Project- Proposed increase in Clinker Production Capacity under para 7 (ii) (b) of the EIA Notification, 2006 i.e., "No Increase in Pollution Load", from [{6.6 (2 x 3.3 Million TPA) to 7.92 (1 x 3.63 Million TPA) & (1 x 4.29 Million TPA)}] without change in Cement - 6.0 (2 x 3.0 Million TPA), WHRS - 50 (2 x 25 MW), DG Set - 2500 kVA & dropping out CPP (40 MW) at Villages: Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj, District: Panna (Madhya Pradesh) by M/s. JK Cement Limited (JKCL).

**Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022
Name Change in EC vide no IA-J-11011/224/2016-IA. II (I) dated 26.02.2024
Environment Clearance vide no. IA-J-11011/224/2016-IA-II(IND-I) dated 02.01.2025
Environment Clearance vide no. IA-J-11011/224/2016-IA-II(IND-I) dated 10.10.2025**


Specific Condition

S. No.	EC Conditions	EC Compliance Status
i.	Particulate matter emission from cement mill stacks shall be less than 20 mg/Nm ³ and for CPP less than 30 mg/Nm ³ .	Complied. We are complying with emission limit of 20 mg/Nm ³ .

Stack	Standard value (in mg/Nm ³)	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
Cement mill-1	20 mg/Nm ³	10.12	6.87	7.32	11.62	10.81	13.76
Coal mill -1		8.79	10.03	8.86	11.31	8.12	9.67
Cooler -1		1.67	2.48	3.72	5.39	5.09	6.89
Raw mill Kiln-1		9.05	7.92	8.36	7.82	6.54	7.36
Raw mill Kiln-2		-	-	13.22	13.12	8.32	8.60
Cooler -2		-	-	9.21	11.43	4.93	9.82
Coal mill -2		-	-	16.01	13.22	11.85	12.32

ii.	Air cooled condenser shall be used in the captive power plant in place of water-cooled system.	Agreed. We have not installed CPP in our plant premises. We assure that CPP will be installed with Air cooled condenser in the captive power plant.
iii.	Project proponent is permitted to abstract up to 2140 KLD ground water, for next 15 months from the date of issue of the Environment Clearance after obtaining requisite permission from the concerned Competent Authority. Thereafter, water from mine pit and Ken River shall be used and ground water abstraction is not permitted.	Complied. We had obtained NOC for ground water abstraction of 2140 KLD for industrial purpose vide NOC No. CGWA/NOC/IND/ORIG/2022/16811 valid from 15.10.2022 to 14.10.2025. Now, we have applied for surrender of NOC. Copy is mentioned below.

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022



भारत सरकार
जल संधि विभाग
जल संधि एवं नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि और अधिवास
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

**(भूमि विकास हेतु अनुमति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION**

Project Name:	Jaykaycem (central) Limited		
Project Address:	Harduaken, Puraina, Sotapura And Madaiyan		
Village:	Harduaken	Block:	Pawai
District:	Panna	State:	Madhya Pradesh
Pin Code:			
Communication Address:	Harduaken, Puraina, Sotapura And Madaiyan, Pawai, Panna, Madhya Pradesh - 485441		
Address of CGWB Regional Office :	Central Ground Water Board North Central Region, Block-1, 4th Floor, Paryawas Bhawan, Area Hills, Jail Road, Bhopal, Madhya Pradesh - 462011		

1. NOC No.:	CGWA/NOC/IND/ORIG/2022/16811	3. Category:	Safe
2. Application No.:	21-4/1412/MP/IND/2022	(GWRE 2020)	
4. Project Status:	New Project	5. NOC Type:	New
6. Valid from:	15/10/2022	7. Valid up to:	14/10/2025

8. Ground Water Abstraction Permitted:			
Fresh Water	Saline Water	Dewatering	Total
m ³ /day	m ³ /day	m ³ /day	m ³ /day
m ³ /year	m ³ /year	m ³ /year	m ³ /year
2140.00	706200.00		

9. Details of ground water abstraction /Dewatering structures												
Total Existing No.:0						Total Proposed No.:11						
Abstraction Structure*	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
	0	0	0	0	0	0	0	0	0	11	0	0

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

10. Ground Water Abstraction/Restoration Charges paid (Rs.):	2118600.00
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11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers	Monitoring Mechanism
	2	Manual DWLR** DWLR With Telemetry
**DWLR - Digital Water Level Recorder		0 1 1

(Compliance Conditions given overleaf)
This is an auto generated document & need not to be signed.

18/11, जयमंगल हाउस, ममसिंह रोड, नई दिल्ली - 110011 / 18/11, Jansagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23385540 Fax: 23382891, 23386743
Website: cgwa-mcg.gov.in
पानी बचाव - जीवन बचाव
SAVE WATER - SAVE LIFE

iv. Total water requirement after expansion shall not exceed 5125 KLD. Water shall be sourced from ground (195 KLD) and 4930 KLD from mine pit and Ken river.

Complied.
Total water requirement is not exceeding 5125 KLD. The per day average ground water & Ken river water consumption are **70.9 KLD** and **1636.3 KLD** respectively during the period from **Apr-25 to Mar-26**.

Months	Total Water withdrawal (in KL)			
	Borewell	KL/Day	River	KL/Day
Apr-25	2816.1	93.9	52668	1755.6
May-25	2061.33	66.5	65254	2105.0
Jun-25	3143.37	104.8	54310	1810.3
Jul-25	2690.49	86.8	4403	142.0
Aug-25	3242.75	104.6	34372	1108.8
Sep-25	1952.95	65.1	45501	1516.7
Oct-25	4369.79	141.0	59897	1932.2
Nov-25	1909.78	63.7	58788	1959.6
Dec-25	552.13	17.8	65744	2120.8
Jan-26	929.37	30.0	55036	1775.4
Feb-26	1037.24	37.0	52678	1881.4
Mar-26	1177.57	38.0	48589	1567.4
Total	25882.87	70.9	597240	1636.3

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

v. Dioxins and furans shall be monitored twice a year during co-processing of hazardous waste and report shall be submitted to Regional Office of the MoEF &CC.

Complied
Plant was commissioned on 02nd November 2022. Last Dioxins and furans was monitored on 26.10.2025 by Re-sustainability . Report copy send via email on dated 19.12.2025 and screenshot of email copy as given below.
Again a monitoring of Dioxins and furans has been conducted in Apr-2026.

Submission of Dioxin and Furans Reports of J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (Madhya Pradesh) for the month of October-2025. External Inbox x

Summarize this email


Saurabh Yadav <saurabh.yadav1@jkcement.com>
to rowz.bpl-mef, cpcb.bhopal, ms-mppcb, romppcb_sagar, me

Fri, Dec 19, 2025, 6:38 PM

To,
The Regional Office (WZ),
Kendriya Paryawaran Bhawan,
E-5, Arera Colony, Link Road-3, Ravi Shankar Nagar
BHOPAL-462016,
E-Mail: rowz.bpl-mef@nic.in

Subject: Submission of Dioxin and Furans Reports of J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (Madhya Pradesh) for the month of October-2025 .

Reference No.: 1. EC File No. - IA-J-11011/224/2016-IA-II(I) dated - 02.03.2022.



J.K. Cement Works, Panna
A Unit of J.K. Cement Limited
CIN: L17229UP1994PLC017199
Village - Harduaken, Tehsil - Amanganj, Post Office - Purain District - Panna, State - Madhya Pradesh, India - 488 441
www.jkcement.com

Ref No. JKCEMENT/ENV/EMR/2025-26/F20B/104 Date: 18.12.2025

To,
Regional Office (WZ),
Kendriya Paryawaran Bhawan,
E-5, Arera Colony, Link Road-3, Ravi Shankar Nagar
BHOPAL - 462 016
E-Mail: rowz.bpl-mef@nic.in

Subject: Submission of Dioxin and Furans Reports of J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (Madhya Pradesh) for the month of October-2025.

Ref.: 1-Environment Clearance vide no IA-J-11011/224/2016-IA-II(I) dated 02.03.2022.

Dear Sir,

With reference to above stated Environment Clearances (ECs) as specific condition (v), we are submitting Dioxin and Furans Report for the month of October-2025 for J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (Madhya Pradesh) 488441.

This is for your kind information and record, please.

Thanking you,
Yours Sincerely
For: J K Cement Limited.

Kapil Agrawal
Kapil Agrawal
(Unit Head)

Enc.: Report copy

CC:


1. Regional Director- CPCBS, Paryawaran Parisar, E-5, Arera Colony, Bhopal (MP).
2. Member Secretary, MP Pollution Control Board, Paryawaran Parisar, E-5, Arera Colony, Bhopal (MP).
3. Regional Officer, Regional Office, MP Pollution Control Board, Makronia, Sagar (MP).

Corporate Office
Panna Tower, Nibaniya Estate, Gwal Pahari,
Gungaham, Panna - 122132, India
T: +0124-6919020
E: corpcom@jkcement.com

JKSUDIP
Water & Air
Manufacturing Units at:
Wardhara, Nagpur, Gwal Pahari, Muldipur (Wardhara),
Bhar (Bharatpur), Hoshi, Panna, Ujan (U.P.), Prampri, Alagar, Narsapur (U.P.),
Bokhar (Bhopal) (Bharatpur) | Panna (U.P.) | Panna (U.P.) | Chaudhar (Orissa)

WellMaxx
Water Treatment Plant
LRQA
ISO 9001

Registered Office: Panna Tower, Kanpur-205001, U.P., India. T: +01-512-2371478 to 80-49-91-612-2399054



Test Report

Issued from: PITAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY) Report No: P16WMP/LAB/INCL-148/2025-26
Issued to: J.K. Cement Works, Panna (A Unit of J.K Cement Ltd.) Village - Harduaken, Tehsil - Amanganj, Dist. Panna, PIN- 488441, Madhya Pradesh. Issued Date : 05/12/2025
Lab Ref. No.: P16WMP/LAB/265A/25-26

Stack Identification: Stack Attached to Raw Mill Kiln-1
Date & Time of Monitoring: 26/10/2025 at 10:00 Hours to 15:00 Hours Date of Sample Receipt: 27/10/2025
Date of Start of Analysis: 27/10/2025 Date of Completion of Analysis: 03/12/2025

Ref. No.	Parameter	Value	Ref. No.	Parameter	Value
Ref-1	Nature of Sample: Stack Emission Monitoring		Ref-2	Stack Temperature: 81°C	
Ref-3	Stack Gas Velocity: 17.45 m/sec		Ref-4	Ambient Temperature: 32°C	
Ref-5	Flue Gas Flow Rate: 801444.92 Nm ³ /hr		Ref-6	Stack Height: 183 meters	
Ref-7	Moisture of Stack: 5%		Ref-8	Duration of Sampling: 6.0 Hours	
Ref-9	Sampling Condition: Isokinetic		Ref-10	Stack Diameter: 3.42 meter	
Ref-11	Load Kilo Feed: 550 TPH, AFR - 5 TPH		Ref-12	Fluoride of PM (PFM): 19.8	
Ref-13	Monitoring Carried out by: REB, Lab Team		Ref-14	Type of Fuel Coal: 20% L + Pet Coke (20%)	
Ref-15	Sampling Protocol: P16WMP/SOP/LAB/143-2022/Rev.01/Issue 01		Ref-16	General Emission Condition: Clear Sky	

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B.)

Sl. No.	Constituents of Dioxin & Furans	Concentration (ng/sample)	
		Concentration	TEQ
1*	2,3,7,8 TCDF	0.0013	0.0053
2*	1,2,3,7,8 PxCDF	0.0018	0.0049
3*	1,2,3,4,7,8 HxCDF	0.0012	0.0012
4*	1,2,3,6,7,8 HxCDF	0.0012	0.0012
5*	1,2,3,7,8,9 HxCDF	0.0008	0.0011
6*	1,2,3,4,6,7,8 HxCDF	0.0015	0.0015
7*	OCDF (Octachlorodibenzofuran)	0.0015	0.0015
8*	2,3,7,8 TCDF	0.0015	0.0015
9*	1,2,3,7,8 PxCDF	0.0015	0.0015
10*	2,3,4,7,8 HxCDF	0.0015	0.0015
11*	1,2,3,4,7,8 HxCDF	0.0015	0.0015
12*	1,2,3,6,7,8 HxCDF	0.0015	0.0015
13*	1,2,3,7,8,9 HxCDF	0.0015	0.0015
14*	2,3,4,6,7,8 HxCDF	0.0015	0.0015
15*	1,2,3,4,6,7,8 HxCDF	0.0015	0.0015
16*	1,2,3,4,7,8,9 HxCDF	0.0015	0.0015
17*	OCDF (Octachlorodibenzofuran)	0.0015	0.0015

TEQ: 0.0305 ng/Nm³ YTD
Vint (nm³): 6.60
ng/Nm³ YTD: 0.0011
Percentage of O₂ in Flue Gas: 8.87
ng/Nm³, YTD Corrected to 15% O₂ Concentration: 0.0024
Emission Limit as per GSE 43E (ng/Nm³ YTD): <0.1

Method of Testing: As per IS 6974-23 A & B 2019

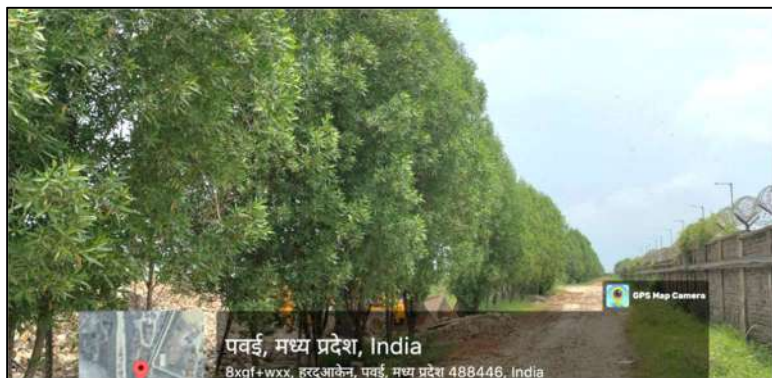
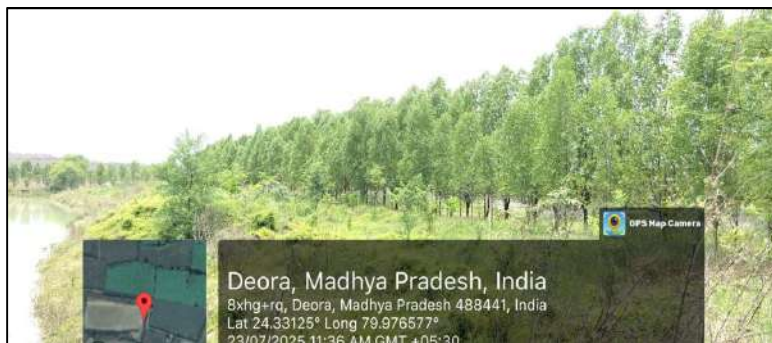
Note: 1. The above results relate only to conditions prevailing at the time of sampling.
2. Statement of conformity to a specification or standard is given only on the request of customer.
3. The report cannot be reproduced in part or in full without the permission of Pitampur Industrial Waste Management Pvt. Ltd.
4. * - * parameters are not sourced & out sourcing registration Number DSA2-25-

LABORATORY PITAMPUR PVT. LTD. 5, 8A, BHANUPALPUR ROAD, BHANUPUR, BHOPAL, INDIA.

Dioxin & Furnace Report submission copy

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

vi.	<p>Green belt shall be developed in 33% of the total area all along the entire periphery of the area with a density of 2500 trees per ha. This shall include development of green belt with a width of 20 m within the project site towards the mining area and Hardua village located at 0.5 km from the project site.</p>	<p>Complied Plantation is being done with density of 2500 trees/ha of native species. Till FY 2025-26, (Up to Mar-2026) a total of 101684 No. of saplings have been planted in 40.67 Ha. in and around the periphery of the plant area which is 33.0 % of total land area i.e. 123.25 Ha. Some pictures of plantation are mentioned below.</p>
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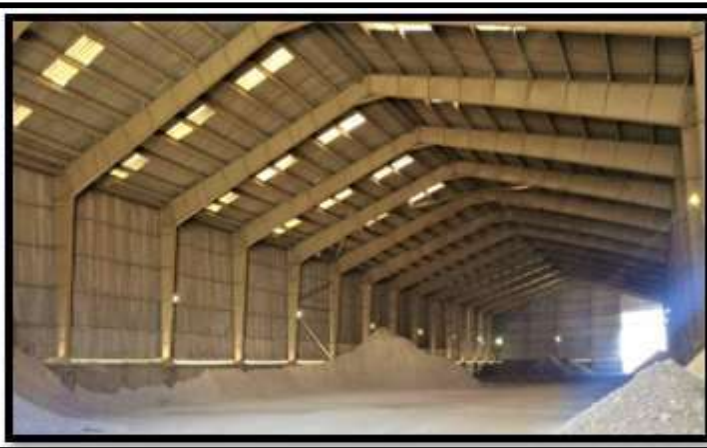


Plantation Photo

vii	<p>All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the runoff material.</p>	<p>Complied. Raw material yard has paved with covered shed. However, garland drainage system is developed surrounding the shed and connected with a reservoir for collection and ground water recharge. Some pictures are mention below.</p>
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Cover Shed for Gypsum

Impervious flooring in stock yards



Cover Shed for Line-2 Limestone Shed

Cover Shed for Pet-Coke



AFR Shed

Garland drain



Rain water harvesting pond (30000m3 capacity)

River reservoir (40000 m3 capacity)



viii Slip roads shall be provided at the gates and along crossing on main roads.

Complied.
Slip roads have been provided at the gates and along crossing on main roads. Some pictures are mentioned below.



Internal road



Connecting roads to the Highway

ix All internal and connecting roads to the Highway shall be black topped/concreted with suitable load in term of Million Standard Axle (MSA) as per IRC guidelines

Complied.
Internal and connecting roads to highway have been concreted. Some pictures are mentioned below.



Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

x.	Performance monitoring of pollution control equipment shall be taken up yearly and compliance status in this regard shall be reported to the concerned Regional Office of the MoEF &CC.	Complied. We have taken Performance monitoring of pollution control equipment through NABL approved lab and report sent to Regional Office of the MoEF &CC. by email on dated 18.08.2025. Email copy as well as performance monitoring report is enclosed as Annexure-1.
xi.	The recommendation of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF & CC.	Complied. We have already deposited Rs. 289.90 Lakh via. E Cheque no. CTY3061751 dated 19.08.2023 as per fund allocated for implementation of approved Wild Life Conservation Plan (WLCP) approval Letter no. V.Pra/Ma.Chi./8847 dated 13.12.2019 for JK Cement Limited Integrated Cement Plant Project. Acknowledgement copy of amount deposition is given below: However, we are following up to State Forest Department regarding implementation of Wildlife conservation plan and letters have been submitted to Wild Life Department on dated 06.03.2024 via letter no. JKCEMENT/PCP/EMD/2023-24/F 04/10, follow up letter on 18.04.2024 via letter no. JKCEMENT/PCP/EMD/2024-25/F 04/11 & follow up letter on 02.01.2025 via letter no. JKCEMENT/PCP/EMD/2024-25/F 04/16. Copy are mentioned below.



JK Cement Works, Panna
Formerly known as Jaykaycem (Central Ltd now amalgamated)
A Unit of JK Cement Ltd.
CIN: L1225LUP1994PLC017199
Village - Haridwaran, Tehsil - Amanganj
District - Panna, State - Madhya Pradesh, India - 488 441
9229341591 | jk.panna@jkcement.com
www.jkcement.com

पत्र क्र- दिनांक-21/08/2023

प्रति
सुपरवाइजर
पन्ना टाईगर रिजर्व पन्ना

विषय: To comply with wild life conservation plan approval letter form Jaykaycem (Central) Ltd. Integrated Cement plant Project, tehsil Amanganj District Panna (M.P.) implementation of wild life conservation plan and specific conditions of Environment clearance - regarding

संदर्भ: आपका कार्यालयीन पत्र क्रमांक/मा.पि./2023/2908/पन्ना, दिनांक-16/8/2023।

महोदय

विषयसंबंधित संदर्भित पत्र द्वारा जेकेसेम (सिंगल) लिमिटेड को 289.90 लाख रु मध्यप्रदेश टाइगर फाउंडेशन सोसाईटी के भारतीय स्टेट बैंक मुख्य शाखा टी.टी. नगर भोपाल के बचत खाता क्रमांक 10571048460 आईएफएससी SBIN0001308 में जमा करने हेतु निर्देशित किया गया था, उक्त तारखे में जेके सीमेंट लिमिटेड द्वारा 289.90 लाख रु का भुगतान ई बैंक के माध्यम से मध्यप्रदेश टाइगर फाउंडेशन सोसाईटी के खाते में कर दिया गया है जिसका विवरण निम्नानुसार है-

E Cheque No	CTY3061751
Dated	19/08/2023
Amount	289.90 Lakh
Name	MP Tiger Foundation
A/c No	10571048460

अतः अग्रिम कार्यवाही हेतु महोदय को और प्रेषित।

वास्ते जेकेसेम (सिंगल) लिमिटेड
[Signature]
कमिश्नर अग्रवाल
युनिट हेड
जेके सीमेंट लि।

Corporate Office
Pinn Tower, 8th Floor, Minerva Estate,
Civil Palahi, Gurgaon - 122 102, Haryana
+9124-6919000
admin@jkcement.com
www.jkcement.com

Registered Office: Minerva Tower, Kharpur 208001, U.P., India. ☎ +91-512-2371470 to 88 ☎ +91-512-2398868 ☎ www.jkcement.com



JK Cement Works, Panna
Formerly known as Jaykaycem (Central Ltd now amalgamated)
A Unit of JK Cement Ltd.
CIN: L1225LUP1994PLC017199
Village - Haridwaran, Tehsil - Amanganj
District - Panna, State - Madhya Pradesh, India - 488 441
9229341591 | jk.panna@jkcement.com
www.jkcement.com

Ref. No.: JKCEMENT/PCP/EMD/2024-25/F 04/11 Dated: 18.04.2024

To,
The Field Director,
Panna Tiger Reserve,
Panna-488001 (MP)

Subject: To comply with Wild Life Conservation Plan Approval Letter for JK Cement Limited Integrated Cement Plant Project, Tehsil-Amanganj, District-Panna (M.P.), implementation of Wild Life Conservation Plan and specific condition of Environment Clearance- regarding

Ref: 1. Life Conservation Plan Approval Letter no. V.Pra/Ma.Chi./8847 dated 13.12.2019
2. Environment Clearance vide no J-11015/190/2016-IA. II (M) dated 31.08.2020.

Dear Sir,

In continuation of our letter no. JKCEMENT/PCP/EMD/2023-24/F 04/10 dated 05.03.2024 and with reference to above subject matter, we would like to again inform you that we have already deposited Rs. 289.90 Lakh via. E Cheque no. CTY3061751 dated 19.08.2023 as per fund allocated for implementation of approved Wild Life Conservation Plan (WLCP) approval Letter no. V.Pra/Ma.Chi./8847 dated 13.12.2019 for JK Cement Limited Integrated Cement Plant Project (Acknowledgement copy of amount deposition enclosed as Annexure no. 1).

Further, we would like to inform you that it is mentioned in specific condition no. VII of environment clearance letter no. J-11015/190/2016-IA. II (M) dated 31.08.2020 that "Site specific conservation plan for all the Schedule-I species reported in the study area shall be implemented in consultation with State Forest Department as per the recommendations of Chief Wildlife Warden".

Ministry of Environment, Forest and Climate Change (MoEF&CC) is continuously asking us the implementation status of WLCP. Therefore, for complying the above EC condition and implementation of approved Wild Life Conservation Plan, please guide us for further action so that we may do all needful and wild life conservation plan could be implemented or if WLCP is already implementing by you then we humble request to please share the status to submit the MoEF&CC, please.

Thanking you,

Yours Faithfully
For: JK Cement Limited
[Signature]
Kajal Agrawal
(Unit Head)

CC to: 1- PCCF (Wildlife) and Chief Wildlife Warden, Shopal, M.P.
2- Chief Conservator of Forest, Chhatrapur-471001

Corporate Office
Pinn Tower, 8th Floor, Minerva Estate,
Civil Palahi, Gurgaon - 122 102, Haryana
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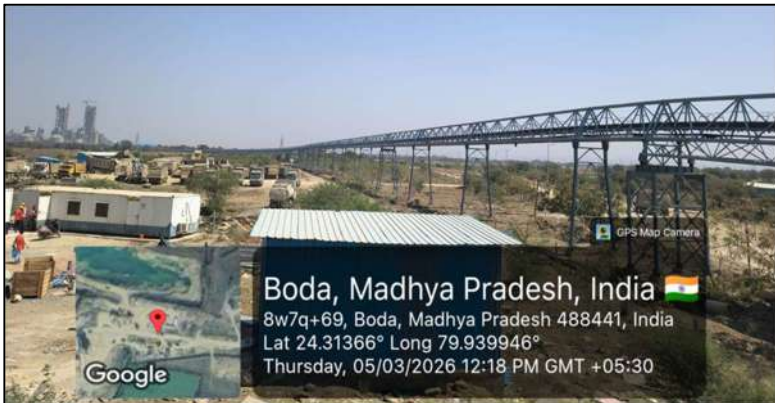
Manufacturing Units at
Haridwaran, Madhya Pradesh | Muddapur (Kannauj) | Jharli (Bhopal)
Kati, Panna (M.P.) | Algaon, Haripur (U.P.) | Saksoni (Guzrat) | Pujahat

Registered Office: Minerva Tower, Kharpur 208001, U.P., India. ☎ +91-512-2371470 to 88 ☎ +91-512-2398868 ☎ www.jkcement.com

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022



xii	Limestone from the mines to the cement plant shall be transported through overhead conveyor belt within a period of two years from date of issue of the Environment Clearance.	Complied. We are transporting limestone from Kakra & Koni mine crusher to Cement plant through Overland Covered Belt Conveyor.
-----	--	--



Koni-Simariya Limestone Mine OLBC

Kakra-Panna Limestone Mine OLBC

xiii.	Hot air dryer shall not be installed. Flue gases of preheater shall be used to dry the slag/bottom ash.	Complied. Amendment to remove this condition has been obtained in the Environmental Clearance (EC) for the Cement Plant on 02/01/2025 , and the subsequent Consent to Establish (CTE) and Consent to Operate (CTO) have been duly granted to install HAG by the SPCB (State Pollution Control Board).
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B. General EC Conditions:

I. Statutory compliance

i	<p>The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.</p>	<p>Complied with all applicable legislation</p>
---	---	--

II. Air quality monitoring and preservation

i.	<p>The project proponent shall install 24x7 Continuous Emission Monitoring System (CEMS) at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.</p>	<p>Complied. CEMS have been installed at major stacks viz. Raw mill kiln, Coal mill, Cement mill and Cooler exit stacks and online data connectivity is done at CPCB & MPPCB portal. Pictures of CEMS analysers are given below. CAAQMS have also been installed at 04 Nos. of locations of plant and online data connectivity is done at CPCB & MPPCB portal. Pictures of CAAQMS analysers are given below. We are calibration these analysers time to time through external agency. Calibration copies are enclosed as Annexure no-2.</p>
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1- CEMS:



Cooler _ Mill Stack Analyser

Raw _ Mill Stack Analyser



2-CAAQMS

CAAQMs near Reservoir



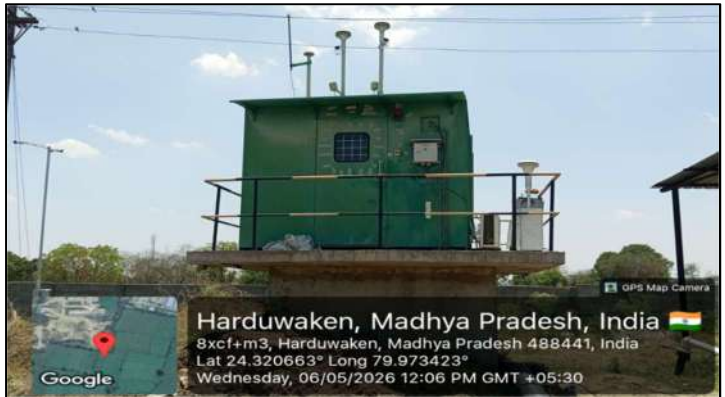
CAAQMs near Zero Point



CAAQMs behind Store

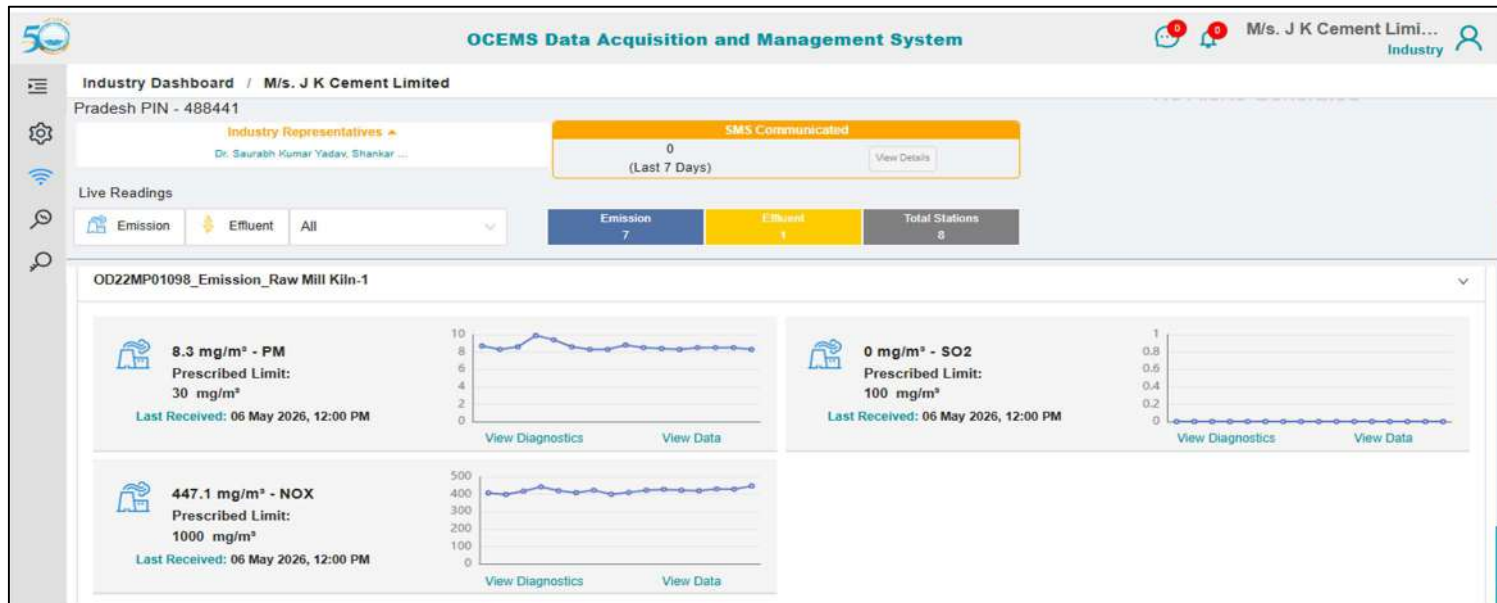


CAAQMs near Guest house



Online data uploading in MPPCB server

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022



Online data uploading in CPCB server

ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Complied. Fugitive emission is being monitored by approved lab in every quarter in the plant premises. Latest quarterly monitoring reports of fugitive emission are enclosed as Annexure-3 .
iii.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Complied. It has been provided with APCDs and Cement Bag cleaning system has been installed.



Cement Bag cleaning system

iv.	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.	Complied. Raw materials are transporting through covered vehicles and fly ash in closed bulker. Some pictures are mentioned below.
-----	---	---

Covered Truck



Closed bulker for transport of flyash



Covered belt conveyors



v.	The project proponent shall provide wind shelter fence and chemical spraying on the raw material stock piles;	Complied. We would like to share that covered sheds have been provided for all the raw materials.
vi.	Ventilation system shall be designed for adequate air changes as per the prevailing norms for all tunnels, motor houses, cement bagging plants.	Complied. Ventilation system with sufficient no. of bag filters for all tunnels, motor houses, cement bagging plant have been provided.

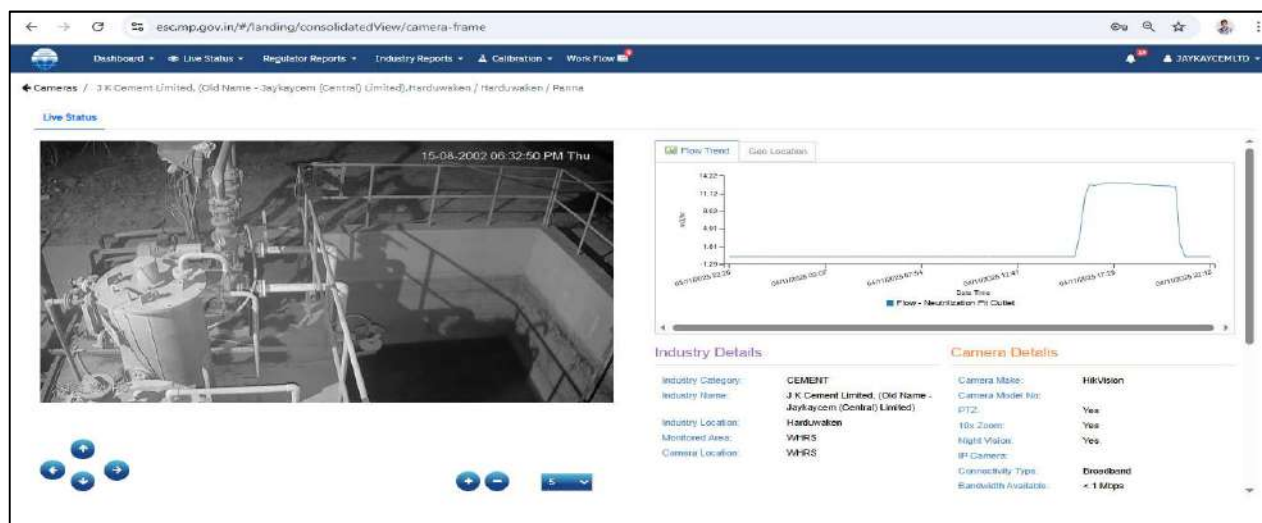
III. Water quality monitoring and preservation

i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standard prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and 10th May, 2016 (in case of Co-processing Cement) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied. Waste water is generated from WHRS plant only which is used in mill spray after treatment in neutralization pit. Hence, ZERO liquid discharge system has been adopted. Flow meter and camera are installed at outlet of neutralization pit (Picture are mentioned below).
----	--	---

WHRS Flow meter and Camera have been installed:



Connected to SPCB and CPCB online servers



ii.	The project proponent shall regularly monitor ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Complied. Ground water quality is being monitored twice a year (pre and post monsoon) of plant and adjacent areas through recognized/NABL accredited Lab. Ground water quality monitoring reports is attached Annexure- 4 .
iii.	Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.	Complied Total 07 Nos. of STPs have been installed. <ul style="list-style-type: none"> ➤ 5 KLD Capacity- 03Nos ➤ 10 KLD Capacity- 01 Nos ➤ 25 KLD Capacity-02 Nos. ➤ 300 KLD Capacity- 01 no. Sewage Treatment plant test report enclosed as Annexure-5 . Some pictures are given below:

STP With Capacity 300KLD

STP Admin Building 5 KLD



STP With Capacity 25 KLD



STP Admin Building 10 KLD



iv. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface runoff

Complied.
 Concreted drains have been provided in surrounding the covered raw material sheds. This water will be recharged with rain water harvesting structures (Picture are mentioned below.)



Storm Water Drain



Reservoir (40000m3)

v.	Water meters shall be provided at the inlet to all unit processes in the cement plant	Complied. Water meters have been installed at the inlet to all unit processes. Some pictures are given below.
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WHRS meter/DM inlet



Fireline Meter



Cooler spray meter



Packing plant meter

vi.	The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Complied <ul style="list-style-type: none"> • Dual Flush Toilets have been installed. • Aerator Faucets are provided in taps. • Sewage treatment plant is installed and treated water of sewage is being used in plant activities. • WHRS treated waste water is being used in mill.
-----	---	---

Month	STP		WHRS	
	Total Waste Water generation (in KL)	Treated water Used (in KLD)	Total Waste Water generation (in KL)	Treated water Used (in KLD)
Apr-25	2092.2	69.7	564	18.8
May-25	1891.2	61.0	1262	40.7
Jun-25	2244.6	74.8	731	24.4
Jul-25	2122.5	68.5	1059	34.2
Aug-25	2532.0	81.7	1094	35.3
Sep-25	1521.9	50.7	1641	54.7
Oct-25	3293.0	106.2	1356	43.7
Nov-25	1406.4	46.9	1203	40.1
Dec-25	2937.2	94.7	3070	99.0
Jan-26	2241.0	72.3	3419	110.3
Feb-26	2200.0	78.6	4454	159.1
Mar-26	2922.7	94.3	4841	156.2
Total	27404.58	75.08	24694	67.7

IV. Noise and vibration monitoring and prevention

i.	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules,2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Complied. Noise quality is being monitored and report is copy as attached as Annexure-5 A .
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V. Energy Conservation measures

i.	Waste heat recovery system shall be provided for kiln and cooler.	Complied. A Waste heat recovery system (WHRS) of 50 MW has been installed.
----	---	--



Waste heat recovery system

<p>ii.</p>	<p>The project proponent makes efforts to achieve power consumption less than 65 units/ton for Portland Pozzolona Cement (PPC) and 85 units/ton for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.</p>	<p>Complied Our average power consumption (Apr-2025 to Mar-2026) for manufacture of OPC & PPC and thermal energy are following:</p> <ul style="list-style-type: none"> • OPC= 76.55Kwh/ MT • PPC= 52.02 Kwh/MT • Thermal energy consumption (Line-1) & (Line-2) – 688 & 774 Kcal/kg Clinker. <p>We have done following efforts to reduce the thermal energy consumption:</p> <ol style="list-style-type: none"> 1- False air reduction done From Currently 8 % to 6.3 %. 2- TAD NOx reduction damper is opened from 50 % to 80 % to Optimized Recuperation efficiency. 3- Shift Wise Comparison of Heat to optimize SHC per shift (Optimizer Data Provided per shift). 4- TAD male female joints near PC Covered completely result in temperature drop across TAD duct is 25 degree. 5- Shift Wise Comparison of Heat to optimize SHC per shift (Optimizer Data Provided per shift). 6- Online Heat Balance with Actual CV based SHC is provided in CCR to monitor the current Specific Heat. 7- Optimized Fine coal temperature from 60 to 65 degree by reducing False air across Coal Mill Circuit. 8- Optimized Raw meal Temperature from 75 to 80 degree by reducing False air across Raw Mill Circuit. 9- Linear pile maintained by stacking of Coal to Reduce variation of its CV. 10-Flap gate of Cyclone From 1 no to 4th cyclone from Top is made free. 11- Cooler Fan Specific air input is maintained at 1.85 Nm³/kg of Clinker @ 10000 TPD as per HMBD by TKII. We have installed state of the art technology to conserve energy and meet GOI's targets for GHG emissions.
<p>iii.</p>	<p>Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.</p>	<p>Complied. Solar power generation on admin building roof top has been installed and solar lights have also been provided in streets (Some picture are mentioned below.</p>



Solar power generation on admin building of roof top:

iv.	Provide the project proponent for LED lights in their offices and residential areas.	Complied. LED lights have been provided in offices and residential areas (Some picture are mentioned below.)
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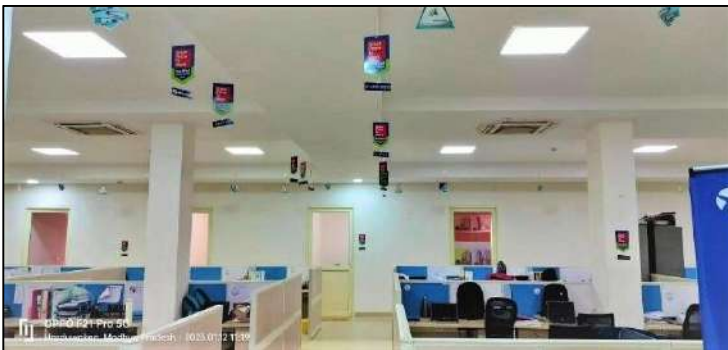
LED Lights in Admin building



LED Lights in Project building



LED Lights in CCR building



LED Lights in Guest house



VI. Waste management

i.	Used refractories shall be recycled as far as possible.	Complied. In FY 2025-26 (Apr-2025 to Mar-2026), we have collected and sold qty. 728.53 MT used refractories to M/s Refcast And Ceramics Industries, Nagpur.
----	---	---

VII. Green Belt

i.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program	Complied.
----	--	------------------

<p>for reduction of the same including carbon sequestration including plantation.</p>	<p>Program for further reduction of GHG emission is following:</p> <p>We will work on below mentioned work to further reduce of GHG emission:</p> <ol style="list-style-type: none"> 1- Increase use of green power. 2- Increase renewable power generation. 3- Increase the capacity of waste heat recovery system (WHRS). As of now 50 MW WHRS has been installed. 4- Improve thermal and electrical energy efficiency. 5- Encourage rail transportation in near future. 6- Increase electric and CNG vehicle. 7- Increase replacement of virgin raw materials and fuels with alternative raw material and other substitute. 8- Reduce clinker ratio. 9- Increase production of blended cement.
---	---

Sr.No	Emission type	Baseline data	CO2 Emission Per tonne of Cement
1	Scope-1	FY:2023-24	1974792
	Scope-2		82995
	Scope-1 & 2		2057787
2	Scope-1	FY:2024-25	2286563
	Scope-2		78606
	Scope-1 & 2		2365169
3	Scope-1	FY: 2025-26	3466217
	Scope-2		116433
	Scope-1 & 2		3582650

CO2 emission details

VIII. Public hearing and human health issues

i.	<p>Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.</p>	<p>Complied</p> <p>Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan is prepared and implemented. Onsite emergency plan was approved by DISH vide OSEP NO: RE30052412223371 dated 01.07.2024. Approval of onsite emergency plan is mentioned below.</p>
----	---	---

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022


DIRECTORATE, INDUSTRIAL HEALTH AND SAFTY, M.P. INDORE
 518, New Moti Bunglow, M.G. Road, Indore-452007
 Phone No. 0731-2533482, Fax- 0731-2544264, E-mail- dihsindore@gmail.com,
 dihsindore@mp.gov.in (MAJOR ACCIDENT HAZARD CONTROL CELL)


OSEP NO : RE30052412223371 Category : Under Section 2CCB

To,
The Occupier,
JK Cement works Panna (Unit Of JK Cement Limited) (FAC2223371),
JK Cement works Panna (Unit Of JK Cement Limited) Harduwaken, Amangan),
Panna,
Pincode : ,
Dist.:Panna (M.P.)



Sub:-On-Site Emergency Plan.
 Ref:- Your documents duly verified by the occupier & on the subject Dated **01/07/2024**
 Please be informed that documents in which the Occupier have disclosed the information related to hazard at his installation in compliance of the Section 41-B of the Factories Act, 1948 and which also described his On-site Emergency Plan, (after supplementing certain modifications by the MAHC Cell distinctively marked on the plan) is hereby **Notified Final** with the following stipulations for the period from **08/07/2024 to 07/07/2026 :-**

- That in case any relevant information as required under the Section 41-B of the Factories Act, 1948, if has not been disclosed this notification does not provide any exemption in this regard and the occupier his-self is liable for concealing the information;
- That the document will be subjected for review :-
 - Generally after a period of two years from the date of issue of this letter;
 - During any intervening period of two years if it is instructed to do so by this cell;
 - Invariably, where any change in the plant, machinery, building, structure, substance, storage or the manufacturing process/ operations is intended by the occupier or his factory persons;
- That the documents will have to be reviewed (as above) always in consultation with this cell and it will be occupier's liability to provide reasonable time for review and get notified final or further period.
- The suitable Training/ Mock drills/ Exercises be arranged at the factory to make all concerned familiar with their duties/ responsibilities as outlined in the on-site emergency plan and be well trained to act accordingly at any emergency and save life as well as the property.



DIRECTORATE, INDUSTRIAL HEALTH AND SAFTY, M.P. INDORE
 518, New Moti Bunglow, M.G. Road, Indore-452007
 Phone No. 0731-2533482, Fax- 0731-2544264, E-mail- dihsindore@gmail.com
 (MAJOR ACCIDENT HAZARD CONTROL CELL)

- That report/ observations of mock drills/ rehearsal or action at any emergency situation that might have arisen, shall be furnished by the factory management to this cell to asses efficiency of the plan.
- The necessary copies of this plan or part thereof be got multiplied by the factory management and provided to all concerning statutory authorities and other persons and also placed at designated emergency control center in an accessible place to all concerned in the factory.
- That in case of failure to comply with the stipulations or the relevant provisions of the laws, not withstanding legal proceedings to which the occupier may be subjected he or his-self will bear (for any suspension/ refusal/ rejection of his license to work the factory) the liability of such action.

Condition :- (1) Sufficient fire fighting facilities shall be maintained in the factory as per Rule 72 of M.P. Factories Rules 1962. (2) All the preventive measures shall be ensured in the factory regarding storage and handling of all hazardous materials as mentioned in its MSDS uploaded with the plan.

ENCLOSED:- Copy of on site emergency plan

Indore
 Dated : 08/07/2024


 Director,
 Chief Inspector of Factories
 Industrial Health and Safety,
 Govt. of Madhya Pradesh, Indore
 Validity unknown.
 Digitally Signed by S.K. Haldar
 (DIRECTORATE OF INDUSTRIAL HEALTH
 AND SAFETY) 
 Date: 10-08-2024 10:01:15 IST

This is a digitally signed online verifiable document and does not need manual signature.

On-site Emergency Site Plan Copy

ii.	The Project Proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Complied. Based on the procedure mentioned in “Industrial and Occupational Health” by S.K. Haldar, our doctors’ team have conducted heat stress analysis for the workmen who work in high temperature work zone in the plant. An analysis report is prepared and enclosed as Annexure-6 . However, we are also providing Personal Protection Equipment (PPE) as per the norms of Factory Act.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Complied. Occupational health surveillance of the employees & workers are being carrying out on a regular basis. PME is carried out for employees & and Contact workers. Report of some of them is given below

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022



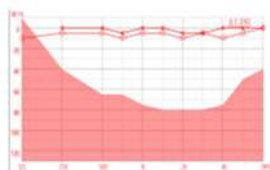
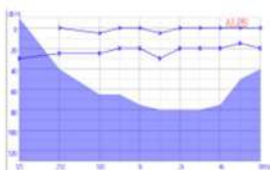
JK CEMENT OHC
JK CEMENT

Your City
Your Zip Code
Phone No.
Your Email

20-Dec-2025
Client ID: 245
Name: Mr. ABHINAV SAHIL
DOB: 13 December 1986
Mobile: 8081826373

Test date: 20-Dec-25

Audiogram

	125Hz	250Hz	500Hz	750Hz	1kHz	1.5kHz	2kHz	3kHz	4kHz	6kHz	8kHz
L-AC HTL	30	25	25	20	20	30	20	20	20	15	20
R-AC HTL	30	5	5	10	5	5	10	5	10	5	0
L-BC HTL	0	5	0	0	5	0	0	0	0	0	0
R-BC HTL	0	0	5	0	0	5	5	0	0	0	0

	500Hz	1kHz	2kHz	4kHz
SISI				
ABLB				

Audiological Interpretation

Left : Left:


Right : Right:


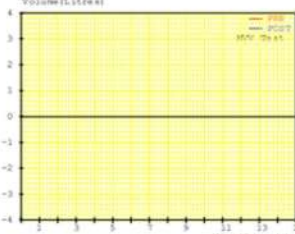
Recommendation : Recommendation:

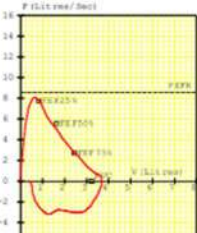
Remarks : Remarks: NORAML

JKCement works OHC panna
VILLAGE HARDLUKENAMANGANJ PANNAMP 48841

Patient: ABHINAV SAHIL	Age : 38 Yrs	Gender : Male
Refd. By:	Height : 165 Cms	Smoker : No
Prod. Eqns: RECORDERS	Weight : 78 Kgs	Eth. Corr: 100
Date : 20-Dec-2025 09:33 AM	ID : 13004575	Temp : 95°C





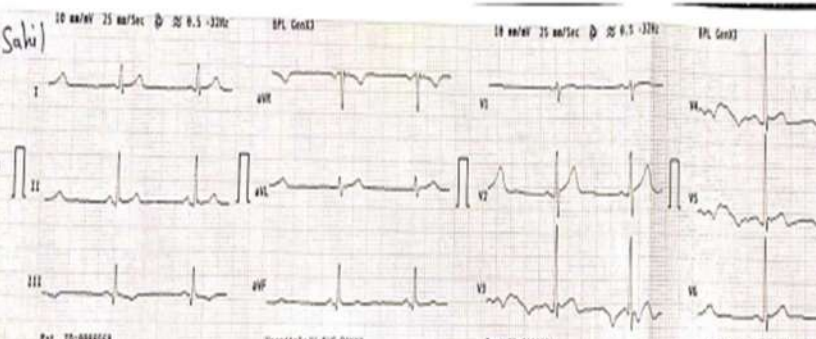
Parameter	Prod	N.Pred	F.Pred	N.PostPred	Z.Scp
FVC	151	03.23	03.64	113	---
FEV1	151	02.67	03.10	119	---
FEV1/FVC	151	81.66	86.19	108	---
PEF15-75	151	03.94	03.90	099	---
PEFR	151	08.56	08.04	094	---
FVC5	151	---	02.35	---	---
FEV15	151	03.33	03.48	117	---
FEFR	151	---	03.18	---	---
PEF15-85	151	---	01.58	---	---
PEF 25-75	151	06.77	07.08	100	---
PEF 25%	151	07.74	07.43	098	---
PEF 50%	151	05.55	04.50	075	---
PEF 75%	151	03.73	02.08	075	---
FEV1-5/FVC	151	---	89.67	---	---
FEV13/FVC	151	86.80	100.00	100	---
FEF	151	---	01.57	---	---
Exp17Zinc	151	---	00.07	---	---
Delta Age	151	03.8	02.9	076	---
FEV6	151	03.23	---	---	---
FEF 25%	151	---	02.13	---	---
FEF 50%	151	---	03.05	---	---
FEF 75%	151	---	02.90	---	---
SDC	151	---	---	---	---
SDV	151	01.35	---	---	---
SDV1	151	---	---	---	---
SDV2	151	---	---	---	---
SDV3	151	---	---	---	---
SDV4	151	---	---	---	---
SDV5	151	---	---	---	---
SDV6	151	---	---	---	---
SDV7	151	---	---	---	---
SDV8	151	---	---	---	---
SDV9	151	---	---	---	---
SDV10	151	---	---	---	---
SDV11	151	---	---	---	---
SDV12	151	---	---	---	---
SDV13	151	---	---	---	---
SDV14	151	---	---	---	---
SDV15	151	---	---	---	---
SDV16	151	---	---	---	---
SDV17	151	---	---	---	---
SDV18	151	---	---	---	---
SDV19	151	---	---	---	---
SDV20	151	---	---	---	---

Pre Medication Report Indicates Spirometry within normal limits as (FEV1/FVC) %Pred >95 and FVC%Pred >80

Dr. Ramji Tiwari

Abhinav Sahil

Pat. No: 0000568
Referred By: [Signature]
Consultant: [Signature]
Age / Sex: 38 Years / Male
Date / Time: 20-12-25/09:19:23
Pacemaker: No
EP Sys / Dia: BIV mmg
HT / WT: 165cm / 81kg
Race: Indian
Drug 1: No Medication
Drug 2: No Medication
Clin. Diag.: Normal



Heart Rate	59 bpm	HRV	343	Sinus rhythm
STFrontalAx	24 deg.	STFrontalAx	24 deg.	Normal ECG
ST Duration	76 ms	PR Interval	166 ms	
Q-T Interval	374 ms	QTc Interval	374 ms	
QT Dispersion	46 ms			
P Terminal Force	1120 us.uv			

Average beat fluctuat point sample number

	Onset	Termination	Duration(ms)
P	262	482	140
QRS	438	512	84
T	588	664	226

Disclaimer: This report does not re of a trained physician

Employee Health Certificate

IX. Environment Management

i.	<p>The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.</p>	<p>Complied.</p> <p>CER proposal is being implemented as per Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018. The unit has implemented the commitments made against the issues raised during the Public Hearing (PH) and the activities proposed under CER. Over a period of three years, up to March 2026, an amount exceeding ₹3080 lakhs has been spent on various initiatives, including:</p>
----	--	---

- Health: Medical check-up camps and related activities.
- Education: Distribution of books, bags, and stationery.
- Sanitation: Provision of domestic water facilities and toilets.
- Infrastructure: Development of roads and community Centre's.
- Environment: Green belt development in nearby areas

All activities have been properly recorded and documented.

Corporate Environment Responsibility (CER) Expenditure Report of Cement Plant



(Stitching and Beauty parlor) through LKBS NGO



Comprehensive Renovation of Devra Government Middle School



Drinking water arrangement Kakra village



MMU visit at nearby villages



Skill development near by local people




Community and Youth Road Safety Initiative Program at Kakra



Nutrition Kits for TB Patients and Malnutritional children

ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and/ or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

Complied.
Company has Corporate Environmental Policy duly approved by the Board (Policy copy attached are mentioned below.)



Jaykaycem (Central) Ltd.
(CIN: U72305UP1987PLCC09162)
(Wholly Owned Subsidiary of JK Cement LTD.)


Phone : +91-512-2371478 to 81
Fax (Office) : +91-512-2388854
Tollfree : +91-512-2332885
E-mail : jaykaycem@jaykaycem.com

Registered Office :
Karim Tower, Karim-208 001 (U.P.) INDIA


**JAYKAYCEM (CENTRAL) LIMITED
CORPORATE ENVIRONMENT POLICY**

"Jaykaycem (Central) Limited" is an energy and environmental conscious organization. Our environment policy is representation of Company's vision towards sustainable Development and green business ambitions to make net positive contributions to People, Planet and Stakeholders and compliance of all applicable environmental laws. We are committed to ensure continuous improvement of environmental performance through:

- Optimum and sustainable extraction & utilization of natural resources.
- Conducting all the activities & operation of the company in accordance with all applicable environmental laws, regulations and applicable codes of standards.
- Implementation of state of the art technology to minimize the impact on environment.
- Continuous efforts to reduce the GHG emission by use of AFR & agro waste, use of green power (RE and waste heat recovery systems), use of alternative blending materials in cement, energy efficiency measures and implementation of feasible innovative technologies.
- Continuous efforts to minimize the fresh water utilization via rain water harvesting, recycling & reuse of waste water and contributing towards water positivity and neutrality.
- Implementation of environmental management plan to minimize or prevent the release of pollutants to the environment (air, water, and soil) by our operations and compliance of applicable environmental legislations.
- Greenbelt development for improvement in local bio-diversity and conservation through association with local communities, authorities and other stakeholders.
- Involving the Employees, Suppliers, Vendors, Customers, Clients and other Business Associates to promote awareness among them for their responsibility to achieve our sustainable Goals.
- Creating awareness among all stakeholders including employees, customers, vendors and supplier for environmental issues as well as compliance of relevant environmental legislation.
- Reporting of compliances, non-compliances and violations of environmental norms to the concerned authority and also to our stakeholders with measures to address such non-compliance on priority.

For Jaykaycem (Central) Ltd.

Ajay Kumar Saraogi
Managing Director

Date: 25th May 2021



Jaykaycem (Central) Ltd.
(CIN: U72305UP1987PLCC09162)
(Wholly Owned Subsidiary of JK Cement LTD.)

Phone : +91-512-2371478 to 81
Fax (Office) : +91-512-2388854
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E-mail : jaykaycem@jaykaycem.com

Registered Office :
Karim Tower, Karim-208 001 (U.P.) INDIA

ENVIRONMENT MANAGEMENT SYSTEM

1. LEGAL & OTHER REQUIREMENTS

a) IMS certification and establishment a procedure to identify, access and update legal and other requirements that are applicable to the environmental aspects / impacts. The list of legal and other requirements applicable to our operations are maintained separately and are communicated to our stakeholders. Main legal requirements are as follows:

- Environmental, Forest and Wildlife acts & rules
- Mines acts & rules
- Factory acts & rules
- Boiler acts & rules


2. OPERATIONAL CONTROL PROCEDURES

a) We have identified our operations and activities that are associated with Environmental aspects and OHS risks in line with our Environmental Policy.

- We have established and maintained SOP's to check out the deviations from Environment Management System.
- We have maintained rule and regulation register comply with legal and other requirement.
- We ensure to review control measures and SOP's on regular intervals, effectiveness of system checked by IMS audit and necessary implement.

b) Relevant Operation Control Measures

- Limestone mines operation- Wet drilling, controlled blasting, maintenance of HEMM, dry fog system at crusher, maintenance and water spray on haul roads etc.
- Clinkerization- Covered storage of raw materials & fuel, Silos for storage of clinker and cement, use of high efficient pollution control measures such as ESP, Bag house, bag filters at all transfer points, coved conveyors, De-NOx system, concreting roads and movement area, vacuum sweeping, etc.
- AFR/Plastic Waste Handling System: "State of the Art", fully automated co-processing facilities for receiving, pre-processing, shredding and feeding system of all types of waste materials such as plastic waste, Agro waste, FMCG waste, RDP/SCF/MSW, industrial solid waste mix and liquid waste mix etc.
- Cement Grinding & Packing- Bag Filters at all transfer points, storage of fly ash in silo and pneumatic Fly ash handling, automatic bag filling machines, use of tarpaulin to each truck and wagon and vacuum sweeping machine.
- Utility operation- Management of waste/used oil, oily wastes and management by 100% recycling/ sold to authorized recycler in process to maintain ZLD and treatment of domestic sewage water in STP to use for plantation and process.

For Jaykaycem (Central) Ltd.

Ajay Kumar Saraogi
Managing Director

Date: 25th May 2021



Jaykaycem (Central) Ltd.
(CIN: U72305UP1987PLCC09162)
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Registered Office :
Karim Tower, Karim-208 001 (U.P.) INDIA

- General- Dust control by good housekeeping & maintenance, use of dust extraction and recycling systems to remove dust from work areas, contractor activities and task observations. Use of proper personal protective equipment (PPE).
- Plantation in the project area, colony, Quarry and nearby area with native species.

For Jaykaycem (Central) Ltd.

Ajay Kumar Saraogi
Managing Director

Date: 25th May 2021



Jaykaycem (Central) Ltd.
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
3. ROLES & RESPONSIBILITIES FOR EMS

Roles and responsibilities of various personnel, who manage, perform and verify the activities and their impacts on environment and/or OHS have been defined by the top management as per hierarchy or administrative order by board of directors.

The below organizational structure Management Cell is responsible for any non-compliance/ Infringement/ deviation/ violation of the environmental or forest norms under the supervision of Board of Directors.

```

    graph TD
      Board[Board of Directors] --> CEO[Chief Executive Officer]
      CEO --> PH[Project Head]
      PH --> CHE[Corporate Head Environment]
      PH --> TH[Technical Head]
      CHE --> SHE[Section Head Environment]
      TH --> SHE
      SHE --> OEE[Officer/Engineer Environment]
      SHE --> OEH[Officer/Engineer Horticulture]
      OEE --> FAE[Field Assistant Environment]
      OEH --> FAH[Field Assistant Horticulture]
    
```

For Jaykaycem (Central) Ltd.

Ajay Kumar Saraogi
Managing Director

Date: 25th May 2021

iii. A Separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

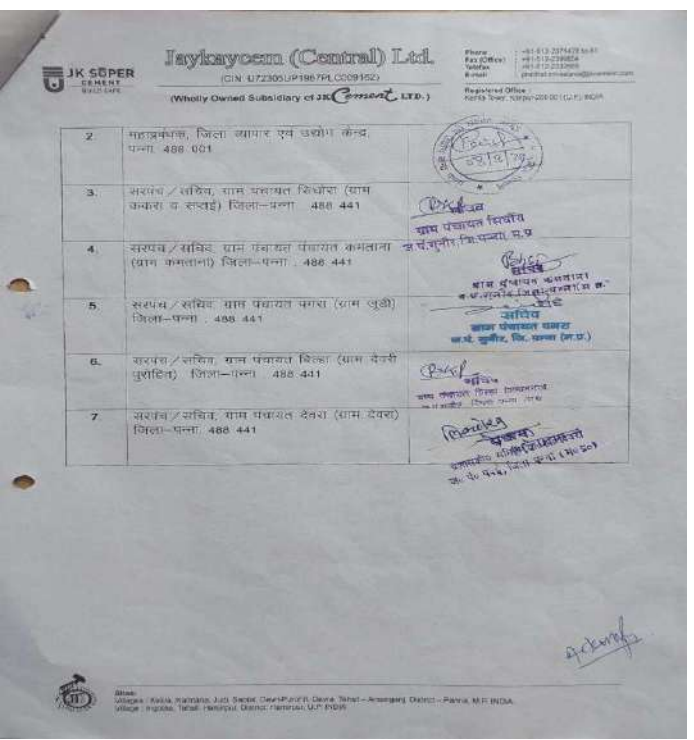
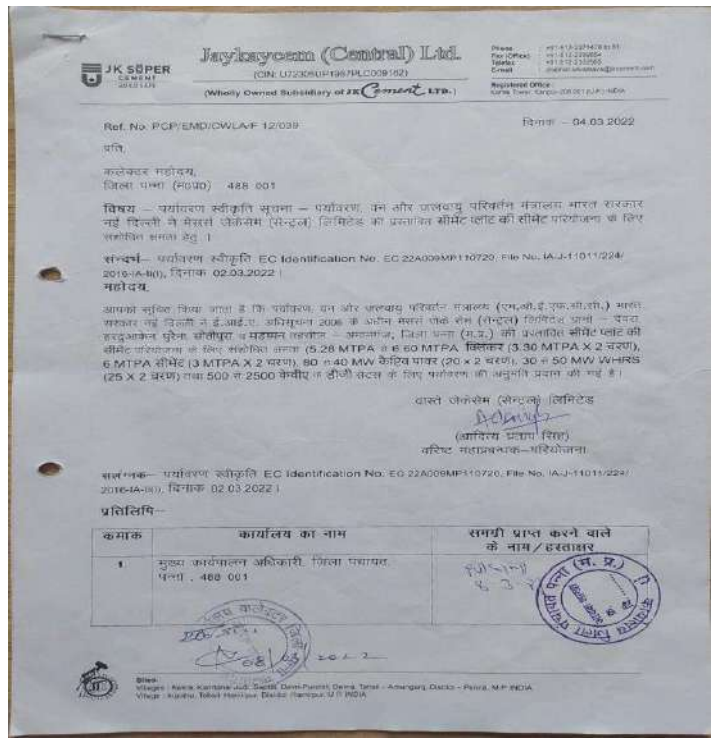
Complied.
A Separate Environmental Cell both at the project and company head quarter level, with qualified personnel has been set up under the control of senior Executive, who is directly reporting to the head of the organization.

X. Miscellaneous

i.	<p>The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.</p>	<p>Complied. Published in two local newspapers namely Nav Swadesh and Nav Bharat on dated 08.03.2022 and also displayed at company's website. (Advertisement copy are mentioned below.)</p>
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ii.	<p>The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.</p>	<p>Complied. Copy of the EC has been submitted to concerned vide letter No. PCP/EMD/CWLA/F12/039 dated 04.03.2022 (Acknowledgement copy are mentioned below.)</p>
-----	---	--



Acknowledgement copy

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance condition, including result of monitored data on there website and update the same on half -yearly basis.	Complied. Six monthly compliance status report along with monitoring data is uploaded at company's website conditions, including results of monitored mentioned as below.) their website and update the same on half-yearly basis.
------	---	---



Uploaded EC report in company's website

iv.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Complied. Ambient air quality and stack emission are being monitored and displayed at main gate through a LED system and reports are uploaded along with the EC compliance report at company website (LED picture is mentioned below.)
-----	---	---



Online Data display in Main gate

v.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Complied. Six monthly compliance status is being reported to the MoEF&CC website and Climate Change at environment clearance portal (Screenshot of parivesh portal is mentioned below.)
----	---	--

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

EC Compliance report uploading in Parivesh portal

vi.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Complied. Environmental statement report for F.Y. 2024-25 has been submitted to the MPPCB in prescribed format and put on the website of the company (Email sent copy and company website screenshot are mentioned below.)
-----	--	--

Last Environment Statement report submission in MPPCB

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

 Sudama Gupta < sudama.gupta@jk-cement.com >

Environment Statement Report (Form-V) for FY. 2024-25 of M/s J K Cement Limited, Plot No. Various Khasra at Village - Devra, Harduaken, Puraina, Sotipura, Maddayan, Amanganj-Hatta Road, Tehsil: Amanganj, Distt: Panna (M.P.) – 488441.

Saurabh Yadav <saurabh.yadav1@jk-cement.com>
 To: ms-mppcb@mp.gov.in
 Co: roviz.bal-mef@nic.in, opcd.bhopal@gov.in, romppcb_sagar@rediffmail.com
 Bcc: sudama.gupta@jk-cement.com Mon, Sep 29, 2025 at 10:55 PM

To,
 The Member Secretary,
 MP Pollution Control Board,
 Paryawana Panar, E-5, Avera Colony,
 Bhopal (MP).

Subject: Environment Statement Report (Form-V) for FY. 2024-25 of M/s J K Cement Limited, Plot No. Various Khasra at Village - Devra, Harduaken, Puraina, Sotipura, Maddayan, Amanganj-Hatta Road, Tehsil: Amanganj, Distt: Panna (M.P.) – 488441.

Reference No.:

1. Environment Clearance vide letter no. IA-J-11011/224/2016-IA-II(I) dated 02.03.2022.
2. Consent No: AWH-56455, Valid up to - (Air/Water) - 30.06.2025, (Hazardous) - 30.06.2027.

Dear sir,

With reference to aforesaid subject, please find herewith enclosed Environment Statement Report (Form-V) for FY. 2024-25 of M/s J K Cement Limited, Plot No. Various Khasra at Village - Devra, Harduaken, Puraina, Sotipura, Maddayan, Amanganj-Hatta Road, Tehsil: Amanganj, Distt: Panna (M.P.) – 488441.

This is for your kind information and record, please.

Thanking you,
 Yours faithfully,

Dr Saurabh Kumar Yadav
 Dy.General Manager (Environment)
 J K Cement Limited, Panna
 Village-Harduaken, Tehsil- Amanganj
 District- Panna, M.P.

Encl: As above

Environment Statement report submission in MPPCB by email



The screenshot shows the 'Environmental Compliance Reports' page on the JK Cement website. It features a navigation bar with 'About', 'Products', 'Services', 'Prarambh', and 'Blog'. Below the navigation, there's a search bar and a 'Communication of SBTI Commitment' button. The main content area is titled 'JK Cement Works, Panna' and 'Integrated Cement Plant'. A table lists compliance reports for different periods: August-2025, FY:2024-25, and September-2025. Each row has icons for document uploads in the 'Compliance report of Environment Clearance', 'Environment Clearance', 'Environmental Monitoring Report', 'Environment Statement Report', and 'Bio Medical Waste' columns.

Environment Statement report uploading in Company website.

vii	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied- The unit has submitted the following information to the Regional Office as well as the Ministry,	
		Line-1	Intimation regarding the date of financial closure, final approval of concerned authority, commencing the land development work and start of production have been submitted vide our letter no.- JAYKAYCEM/ENV/Corres./2022-23/03 dated 12.11.2022.
		Line-2	Intimation regarding the date of financial closure, final approval of concerned authority, commencing the land development work and start of production have been submitted vide our letter no.-

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

JKCEMENT/ENV./Corres./2025-26/22
dated 04.12.2025.



JK Cement Ltd.
CIN: L17229UP1994PLC017199
Registered Office
Kamla Tower, Kanpur - 208001, U.P., India
☎ +91-512-2371478 to 85 ☎ +91-512-2399854
🌐 www.jkcement.com

Ref. No. JKCEMENT/ENV./CORRES./2024-25/07/10 Dated: 13.06.2024

To,
The Regional Office (WZ),
Kendriya Paryavaran Bhawan,
E-5, Arera Colony, Link Road-3,
Ravi Shankar Nagar, Bhopal – 462 016
E-Mail: rowz.bpl-mef@nic.in

Subject: Information regarding date of final approval of the project (Unit-2) by the concerned authorities and commencing the land development work by M/s J K Cement Ltd located at Villages Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj (Old Pawai), Dist. Panna, Madhya Pradesh.

Reference No.: Environment Clearance no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022 (Condition no. X. Miscellaneous- vii).

Dear sir,

With reference to aforesaid subject, we would like to inform you that the date of final approval of the project (Unit-2) by the concerned authorities (i.e. Project approval in board of directors meeting) and commencing the land development work by the project are 20.01.2024 and 24.04.2024 respectively.

This is for your kind information and record, please.

Thanking you,
Yours faithfully,

For J K Cement Limited, Panna



Kapil Agrawal
(Unit Head)

Encl: As above

CC: The Director, Ministry of Env., Forest and Climate Change, Indira Paryavaran Bhawan Jorbagh Road, New Delhi – 110 003.

Corporate Office
Padam Tower, 19 DDA Community Centre
Okhla, Phase - 1, New Delhi - 110020, India
☎ +91-11-49220000
✉ admin.padamtower@jkcement.com
🌐 www.jkcement.com

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Zharb (Haryana) | Katin (M.P.) | Aligarh (U.P.) | Balasore (Odisha)




J.K. Cement Works, Panna
A Unit of J.K. Cement Limited
CIN: L17229UP1994PLC017199
Village - Narsikawan, Tehsil - Amanganj, Post Office- Puraina
Dist: Panna, State - Madhya Pradesh, India - 485441
✉ jk.panna@jkcement.com
🌐 www.jkcement.com

Ref:JKCEMENT/ENV./Corres./2025-26/22 Date:04.12.2025

To,
The Regional Office (WZ),
Kendriya Paryavaran Bhawan,
E-5, Arera Colony, Link Road-3,
Ravi Shankar Nagar, Bhopal – 462016
E-mail: rowz.bpl-mef@nic.in

Subject: Information regarding date of final approval of the project (Line-2) by the concerned authorities, commencing the land development work and start of production operation by M/s J K Cement Limited located at Villages Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj (Old Pawai), Dist.Panna, Madhya pradesh.

Reference No.: Environment Clearance no IA-J-11011/224/2016-IA.ii (i) dated 02.03.2022 (Condition no. X. Miscellaneous- vii).

Dear Sir,

With reference to aforesaid subject & referred EC no., we would like to inform you that the date of final approval of the project (Line-2) by the concerned authorities (approval in board of directors meeting), commencing the land development work and start of production are 20.01.2024, 26.04.2024 and 03.12.2025 respectively.

This is for your kind information and records, please.

Thanking you,
Yours faithfully,

For J K Cement Limited.



Kapil Agrawal
(Authorized Signatory)

CC: The Director, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, Aligarh, New Delhi –110003

Corporate Office
Padam Tower, Krishna Estate, Gazi Pahari,
Gurgaon, Haryana - 122102, India
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✉ corporate@jkcement.com

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Manufacturing Units at:
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Zharb (Haryana) | Katin (M.P.) | Aligarh (U.P.) | Balasore (Odisha)



S Saurabh Yadav <saaurabh.yadav1@jkcement.com>
to rowz.bpl-mef, dirind-moefcc, bcc: me

To,
The Regional Office (WZ),
Kendriya Paryavaran Bhawan,
E-5, Arera Colony, Link Road-3,
Ravi Shankar Nagar, Bhopal – 462016
E-mail: rowz.bpl-mef@nic.in

Subject: Information regarding date of final approval of the project (Line-2) by the concerned authorities, commencing the land development work and start of production operation by M/s J K Cement Limited located at Villages Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj (Old Pawai), Dist.Panna, Madhya pradesh.

Reference No.: Environment Clearance no IA-J-11011/224/2016-IA.II (I) dated 02.03.2022 (Condition no. X. Miscellaneous-vii).

Dear Sir,

With reference to aforesaid subject & referred EC no., we would like to inform you that the date of final approval of the project (Line-2) by the concerned authorities (approval in board of directors meeting), commencing the land development work and start of production are 20.01.2024, 26.04.2024 and 03.12.2025 respectively.

This is for your kind information and records, please.

Thanking you.

Yours faithfully ,
For JK Cement Limited , Panna

With regards,

Thu, Dec 18, 2025, 10:00 AM

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

viii	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee	<p>Complied</p> <p>The unit has implemented the commitments made against the issues raised during the Public Hearing (PH) and the activities proposed under CER. Over a period of three years, up to March 2026, an amount exceeding ₹3080 lakhs has been spent on various initiatives, including:</p> <ul style="list-style-type: none"> ➤ Health: Medical check-up camps and related activities. ➤ Education: Distribution of books, bags, and stationery. ➤ Sanitation: Provision of domestic water facilities and toilets. ➤ Infrastructure: Development of roads and community Centre's. ➤ Environment: Green belt development in nearby areas <p>All activities have been properly recorded and documented.</p>
ix	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agreed
x	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed
xi	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed
xii	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed
xiii	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Agreed
xiv	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

Environment Clearance vide no. IA-J-11011/224/2016-IA.II(I) dated 14.10.2020

Specific Condition

S. No.	EC Conditions	EC Compliance Status
i.	Project proponent shall comply with the outcome of the court case pending before the Lok Adalat, Panna. (Specific Condition –i)	Complied.

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

		The Court case has been disposed off by the Lok Adalat, Panna. Dispose off copy enclosed as Annexure-7.
ii.	<p>Following points shall be complied.</p> <p>a. Residential colony as proposed by PP in North East direction of the plot is not permitted. PP shall not construct any residential accommodation inside the project area.</p> <p>b. CPP shall be relocated in the area allocated for colony to reduce dust and noise impact on village in south west area of the proposed site.</p> <p>c. A 100 m wide green belt shall be provided on south west side of the plant to protect the village from pollution.</p> <p>d. Revised lay out map to this effect shall be furnished within 15 days to the Ministry and its Regional Office for records.</p>	<p>Complied.</p> <p>a. No Colony is constructed in North East direction.</p> <p>b. No CPP is installed.</p> <p>c. Green belt of 100m wide in SW side of the plant boundary towards the village.</p> <p>d. Revised layout has already been submitted to the Ministry on 15.10.2020 in soft copy by mail. Layout copy enclosed as Annexure-8.</p>
iii.	Plant shall operate on ZLD. (Specific Condition –ix)	<p>Complied.</p> <p>Plant is being operated on ZLD. The Waste water generated from the Waste Heat Recovery System (WHRS) is used in the mill spray.</p>
iv.	<p>Energy Conservation measures (ii)</p> <p>Maximize utilization of alternate fuels and Coprocessing to achieve best practice norms</p>	<p>Complied</p> <p>We are utilizing Maximum alternate fuels and Coprocessing to achieve best practice norms</p>
v.	<p>Waste management-(i)</p> <p>Kitchen waste shall be composted or converted to biogas for further use.</p>	<p>Complied</p> <p>We have installed waste composter of capacity 150 Kg/Day and compost is used in horticulture. Picture are mentioned below.</p>



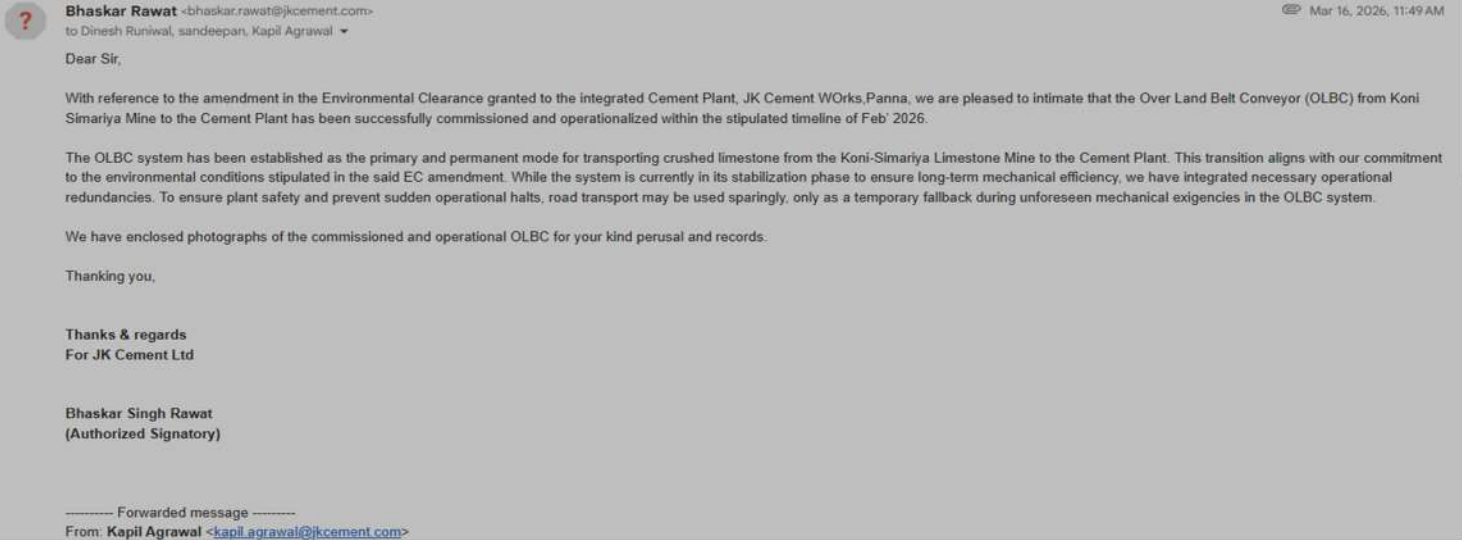
Waste composter

Environment Clearance vide no. IA-J-11011/224/2016-IA-II(IND-I) dated 02.01.2025


Specific Condition

S. No.	EC Conditions	EC Compliance Status
1.1	The PP shall take steps to ensure the timely completion of the Overland Belt Conveyor (OLBC), as per the target of August 2025, to meet operational and compliance requirements. The PP is also directed to prioritize stakeholder consultations to address potential challenges proactively and expedite any remaining actions.	<p>Complied. Amendment in EC of Cement plant has been done on dated 10/10/2025 and time period has been extended to install OLBC by Feb 2026.</p> <p>The Unit has been completed the installation of OLBC within the given time line and the same information has intimate to MoEF&CC Vide our letter no-JKCEMENT/ENV/EC/PLANT/2025-26/01/26 dated 07.03.2026 (As well as email to ministry via email on dated 16.03.2026. E-mail Screen-shot attached as below. Annexure-8</p>

Subject: Agenda No. 6 of the 11th Meeting of the EAC (Industry-1) Proposal No.: IA/MP/IND1/548879/2025 for Amendment in EC for extension in OLBC installation timeline for JK Cement Limited, Panna located at Villages: Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj, District: Panna, Madhya Pradesh



E-mail Screen shot

1.2	The PP shall ensure covered transportation and conveying of limestone to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying limestone and cover them with tarpaulin.	<p>Complied. Leak proof trucks /dumpers with covered manner used for material transport.</p>  <p align="center">Covered used during material transport</p>
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Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

1.3	All transport vehicles must undergo regular maintenance to minimize emissions and oil leaks, and must comply with emission standards and fuel efficiency requirements. Roads shall be maintained in good condition to reduce noise due to traffic	Complied. Timely maintenance is done of vehicles and roads are maintain in good condition.
1.4	Waste generated during transportation must be properly managed and disposed of, with measures in place to prevent spillage during loading, unloading, and transit. Environmental mitigation measures shall be undertaken like deploying Mechanical Road sweepers, Mobile fog type of water sprinklers to arrest dust pollution.	Complied. No waste is generated in transportation. Mechanical road sweepers (3 nos.) are available for road sweeping and water sprinklers have been installed.



1.5	The PP shall prepare and implement a comprehensive Greenbelt Development Action Plan during the next monsoon season, ensuring the greenbelt area covers 33% of the project area. The plan shall prioritize native species plantation to enhance biodiversity and avoid further plantation of Conocarpus trees. The survival, health, and width of the greenbelt shall be closely monitored, and necessary corrective actions shall be taken to maintain the biodiversity of flora and fauna in the area.	Complied. 33% area (i.e. 40.67 Ha.) of total land (123.25 Ha.) has been covered with plantation.
1.6	PP to submit all the necessary NOCs to the Ministry/EAC, along with the Socio-Environmental mitigations measures and safety SOPs and implement them at the places where the proposed OLBC shall cross the Roads/ Rivers or any other public utilities.	Complied. Permission for laying the OLBC across the ken river has been obtained by the company from water resource department, Government of Madhya Pradesh on 9 th Feb. 2024 and NOC for OLBC installation has also been granted by Madhya Pradesh rural road development authority on 20 th Jan. 2024. (NOC copy are mentioned below.) and Socio-Environmental mitigations measures and safety SOPs as enclosed as Annexure-9 .

कार्यालय-कार्यपालन यंत्री, जल संसाधन संभाग पन्ना (MOPRO)
E-Mail :- Waterpanna2@gmail.com, Phone & Fax :- (07732) 252075 (A/c No.WR607)

पत्र क्रं 212 / कार्य/2023-24 पन्ना दिनांक- 02/03/24

प्रति,
 जे.के. सीमेंट लिमिटेड
 ग्राम हरदुआ केन, तहसील अमानगंज
 जिला-पन्ना (मोप्रो)

विषय:- जे.के. सीमेंट लिमिटेड (पूर्व जेकेसेम सेंद्रल लि0) को स्वीकृत कोनी सिमरिया माईंस से ग्राम हरदुआ केन, तहसील अमानगंज स्थित सीमेंट प्लांट तक उत्सखनिज खनिजों के परिवहन हेतु प्रस्तावित ओ.एल.बी.सी. मार्ग निर्माण हेतु अनापत्ति बायत्।

संदर्भ :- आपका पत्र दिनांक 05.05.2023

-00-

उपरोक्त विषयान्तर्गत संदर्भित पत्र के द्वारा जे के सीमेंट लिमिटेड (पूर्व जे के सेम सेंद्रल लि0) को स्वीकृत कोनी सिमरिया माईंस से ग्राम हरदुआ केन तहसील अमानगंज स्थित सीमेंट प्लांट तक उत्सखनिज खनिजों के परिवहन हेतु OLCB मार्ग केन नदी से होकर गुजर रही है जिसके लिये अनापत्ती चाही गयी है।

उक्त प्रस्तावित OLCB क्रॉसिंग हेतु अनापत्ति निम्नलिखित शर्तों के अधीन दी जाती है-

- सभी निर्माण कार्य स्वीकृत नक्शे (Approved drawing) के अनुसार किया जायेगा।
- OLCB की ऊँचाई नदी बैंक तल से न्यूनतम 8 मी0 एवं स्वीकृत नक्शे (Approved drawing) के अनुसार की होगी।
- निर्माण कार्य के दौरान नदी के प्रवाह में कोई भी अवरोध उत्पन्न नहीं किया जायेगा।
- सभी निर्माण कार्य गैर वर्षा ऋतु में सम्पादित किया जायेगा।
- प्रस्तावित OLCB से होने वाले परिवहन के दौरान सॉमेटेरियल/यूना पत्थर नदी में नही गिरे इसकी समस्त जिम्मेदारी कंपनी की होगी।
- निर्माण कार्य के दौरान दुर्घटना को रोकने के लिए चैनल के किनारे उपयुक्त सुरक्षात्मक उपाय कंपनी द्वारा किए जाएंगे।
- सभी अस्थायी संरचनाएँ, नष्ट की गई सामग्री का मलबा कंपनी द्वारा अपनी लागत पर 7 दिवस के भीतर हटा दिया जाएगा।
- काम पूरा होने के बाद खोदे गए गड्ढे को उसके मूल स्वरूप में लाया जाएगा।

उक्त शर्तों के उल्लंघन होने पर अनापत्ति स्वतः ही निरस्त हो जायेगी।

सहपत्र :- एक ड्राइंग

(अतीश शर्मा)
कार्यपालन यंत्री
जल संसाधन संभाग पन्ना(MOPRO)

प्रधानमंत्री ग्रामसड़क योजना
कार्यालय-महाप्रबंधक मोप्रोग्रामोसोवि0प्रधिकरण
परियोजनाक्रियाचयनइकाई-पन्ना क्र. 1/2 (मोप्रो)
gmpanna@rediffmail.com, PH :- 07732-254019

पत्र क्रमांक 68 / म.प्र.ग्रा.स.वि.प्रा./तक/2024 पन्ना दिनांक 20/01/2024

प्रति,
 वरिष्ठ महाप्रबंधक,
 जे.के.सीमेंट
 हरदुआकेन, तहसील-अमानगंज जिला पन्ना (मोप्रो)

विषय :- Overland Belt Conveyor Project के तहत NOCके संबंध में।
 संदर्भ :- आपका पत्र क्रं. 24 पन्ना दिनांक 08.01.2024

विषयान्तर्गत संदर्भित पत्र के तारतम्य में लेख है कि आपको द्वारा ग्राम बोदा के खसरा नं. 1423 एवं ग्राम हरदुआकेन के खसरा नं 720 पर योजनागत निर्मित मार्ग बोदा एवं हरदुआकेन मार्ग के ऊपर से Overland Belt Conveyor Project का निर्माण किया जाना है जिसके संबंध में अनापत्ति प्रमाण-पत्र वाहा गया है।

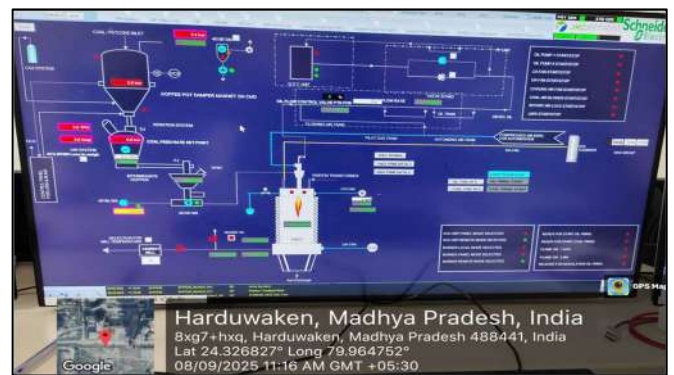
जिसके संबंध में आपको निर्देशित किया जाता है कि आप योजनागत निर्मित मार्ग के करिजदे के सेंटर भाग से 15 मीटर छोड़कर फिलर का निर्माण करना सुनिश्चित करे साथ ही मार्ग के ऊपरी भाग से 8 मीटर ऊँचाई से निर्माण करना सुनिश्चित करे ताकि अवागमन में असुविधा उत्पन्न न हो।

सूचनार्थ एवं पालनार्थ प्रेषित।

(अतीश शर्मा)
महाप्रबंधक
म.प्र.ग्रा.स.वि.प्राधिकरण
इकाई-1/2 पन्ना (मोप्रो)

NOC Copy

1.7	The PP shall prepare a Standard Operating Procedure (SOP) for housekeeping in the cement plant. The SOP shall be implemented rigorously, with regular monitoring and necessary course corrections to ensure improved housekeeping standards across the plant premises.	Complied. SOP is prepared for housekeeping and implemented. SOP Copy is enclosed as Annexure-10
1.8	The hot air dryer must be properly sealed and enclosed to enhance dust control. Temperature within the dryer should be closely monitored and controlled to prevent overheating, material clumping, melting, or the release of hazardous substances, with automatic shut-off systems in place for temperature anomalies.	Complied. The hot air dryer has been properly sealed and enclosed to enhance dust control. Temperature within the dryer is being closely monitored and controlled to prevent overheating, material clumping, melting, or the release of hazardous substances, with automatic shut-off systems in place for temperature anomalies.



HAG Display Screenshot

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

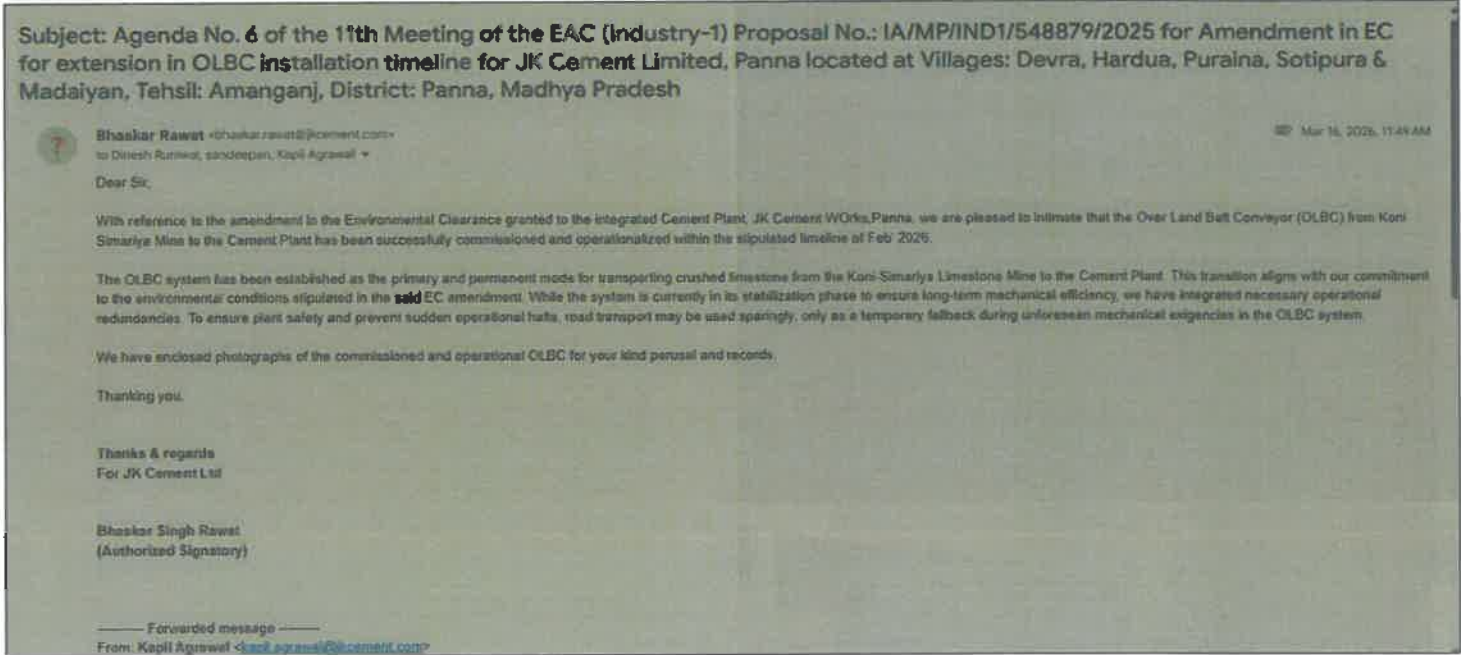
1.9	Operators should be trained on proper handling and safety measures for using hot air dryers with slag or bottom ash. The drying process should be optimized for energy efficiency, incorporating heat recovery systems to reuse waste heat and reduce overall energy consumption, and regular maintenance should be conducted to ensure efficient operation.	Complied. Operators has been trained on proper handling and safety measures for using hot air dryers with slag or bottom ash.
1.10	Regular environmental monitoring of air quality, temperature, and emissions around the dryer shall be conducted, with detailed records maintained.	Complied. We have regular monitoring of air quality and temperature in around the area report sample copy is enclosed as Annexure- 11.
1.11	The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% greenbelt area as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (https://merilife.nic.in)	Complied. We have done plantation in villages viz. Koni, Boda, Simariya, Maharajganj, Kulua and Ganiyari.Total 2000 Nos. sapling has been planted.



'Ek Ped Maa Ke Naam' Campaign at near by Villages

Environment Clearance (EC) Compliance Report for period from October' 2025 to March' 2026 Environment Clearance vide no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022

Environment Clearance vide no. IA-J-11011/224/2016-IA-II(IND-I) dated 10.10.2025		
Specific Condition		
S. No.	EC Conditions	EC Compliance Status
1.1	The PP shall take steps to ensure the timely completion of the Overland Belt Conveyor (OLBC), as per the target of Feb 2026, to meet operational and compliance requirements. The PP is also directed to prioritize stakeholder consultations to address potential challenges proactively and expedite any remaining actions.	Complied. The Unit has been completed the installation of OLBC within the giventime line and the same information has intimate to MoEF&CC Vide our letter no-JKCEMENT/ENV/EC/PLANT/2025-26/01/26 dated 07.03.2026 (Attached as Annexure--) As well as email to ministry via email on dated 16.03.2026. E-mail Screen-shot attached as below.And intimation letter copy enclosed as Annexure-12.



E-mail Screenshot

Yours Sincerely

For: JK Cement Limited. Panna,

Kapil Agrawal
(Authorized signatory & Unit Head)





JK Cement Works, Panna
(Formerly known as Jaykaycem (Central) Ltd. now amalgamated)
A Unit of JK Cement Ltd.
CIN: L17229UP1994PLC017199
📍 Village - Harduaken, Tehsil - Amanganj
District - Panna, State - Madhya Pradesh, India - 488 441
☎ 9329141591 📧 jkc.panna@jkcement.com
🌐 www.jkcement.com

Ref. No. JKCEMENT/ENV./EMR./2025-26/20B/95

Dated: 13.08.2025

To,
The Regional Office (WZ),
Kendriya Paryavaran Bhawan,
E-5, Arera Colony, Link Road-3,
Ravi Shankar Nagar, Bhopal – 462 016
E-Mail: rowz.bpl-mef@nic.in

Subject: Submission of performance monitoring reports of pollution control equipment's for J K Cement Ltd. located at Villages Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj (Old Pawai), Dist. Panna, Madhya Pradesh.

Reference No.: Environment Clearance no IA-J-11011/224/2016-IA. II (I) dated 02.03.2022 (Condition no. A. Specific Conditions - X).

Dear sir,

With reference to aforesaid subject, please find herewith enclosed performance monitoring reports of pollution control equipment's for J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (Madhya Pradesh) 488441.

This is for your kind information and record, please.

Thanking you.
Yours faithfully,

For J K Cement Limited, Panna


Kapil Agrawal
(Unit Head)

Encl: As above

CC: The Director, Ministry of Env., Forest and Climate Change, Indira Paryavaran Bhawan Jorbagh Road, New Delhi – 110 003.



Corporate Office
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CIN: L17229UP1994PLC017199

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Hamirpur (U.P.) | Balasinor (Gujarat) | Fujisrah

Registered Office : 📍 Kamia Tower, Kanpur-208001, U.P., India. ☎ +91-512-2371478 to 85 📧 91-512-2399854 🌐 www.jkcement.com

Performance Monitoring Reports of Air Pollution Control Device's (APCD).



Sponsor:



JKCement

Cement Division, Unit-Panna.

Report Prepared by:

Vimta[★]
Driven by Quality. Inspired by Science.

Vimta Labs Ltd.

142, IDA, Phase-II, Cherlapally

Hyderabad-500 051

env@vimta.com, www.vimta.com

(QCI/NABET Accredited EIA Consultancy Organization,

NABL Accredited & ISO 17025 Certified and MoEF &CC Recognized Laboratory)


PREFACE

J K CEMENT LIMITED.
Cement Division, Unit- Panna.

***Performance Monitoring Reports of Air Pollution Control
Device's (APCD).***

For and on behalf of VIMTA Labs Limited

Approved by : **M. Janardhan**

Signed : 

Designation : **Head & Vice President – Environment**

Date :

This report has been prepared by Vimta Labs Limited with all reasonable skill, care, and diligence within the terms of the contract with the client, incorporating our General Terms and Conditions of Business and taking account of the resources devoted to it by agreement with the client.

We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.

1.0 Introduction

JK Cement Ltd. is one of India's leading manufacturers of Grey Cement and one of the leading White Cement manufacturers in the World. Over four decades, the Company has partnered India's multi-sectoral infrastructure needs on the strength of its product excellence, customer orientation and technology leadership. JK Cement's operations commenced with commercial production at its flagship grey cement unit at Panna, Madhya Pradesh in November 2022. The Company has an installed Grey Cement capacity of 3.0 MnTPA & Clinker capacity 3.63 MnTPA & WHRS 25 MW as on date, making it one of the top cement manufacturers in the Country.

2.0 Background

Cement, power, chemical, textile and various other industries are indicators of country's progress, however all these industries have adverse impact on environment through emission of pollutants. India, like many other countries, has put in place a regulatory regime to control industrial emissions into air. For industries it is very difficult to follow these regimes due to continuous varying emission level depending on various factors like variation in per day production based on market demand, load, operating hours, season etc. and conventional emission monitoring system represent the emission level of particular time period only.

Continuous emission monitoring system (CEMS) has become necessity to monitor & regulate emission level. CEMS refers to the instrumentation and associated computing hardware and software used to measure pollutant levels in exhaust gas from industrial sources at a higher frequency (e.g., once or more per minute). Most PM CEMS device technologies employ indirect measurement principles and therefore require calibration before use. For instance, light scattering CEMS technology, which is commonly used to measure PM emissions, calculates the concentration of pollutants based on changes in the optical properties of stack gas. Calibration (performance & reliability) of CEMS ensures the complete integrity & reliability of data acquired from CEMS.

JK Cement Ltd, Situated at Village Harduwaken, Tehsil Amanganj, Distt Panna Madhya Pradesh, has put Particulate matter for APCD Monitoring of particulate matter emission level. Performance monitoring of APCD was performed by M/s. Vimta Labs Limited, Hyderabad. To comply the

regulatory requirement M/s Vimta Labs Limited was follow Central Pollution Control Board specifications and guidelines for continuous emissions monitoring systems (CEMS) for Particulate Matter (PM) measurement with special reference to emission trading programs (CPCB/e- PUBLICATION/2013-14) and 1st Revised Guidelines for Continuous emission monitoring systems in September 2018. Standard reference method of Isokinetic sampling technique was adopted for comparison study of online data received from Stacks.

3.0 Standard Reference Method (SRM)

Particulate matter is withdrawn Iso-kinetically from the duct/stack and collected in a Micro Glass fibre thimble maintained at duct/stack temperature. The particulate matter, which includes any material that collects in the Filter thimble, is determined gravimetrically after the removal of uncombined moisture. The Iso-kinetic flow rate is calculate from the arrived flue gas velocity inside the duct/stack at respective traverse points, which is calculated based on the measured parameters like temperature, moisture, molecular weight, velocity head at respective traverse points and static head.

4.0 Calibration Procedure

Particulate matter emission level of 4 stacks (stationary source of emission) installed in plant was measured by standard reference method of Isokinetic sampling technique. Total three measurements were carried out in each stack of Concern Mills (wherever possible). Micro Glass Fiber Filter thimbles are used for dust collection. And were conditioned at 120°C to constant weighing before & after sampling. Data acquired from APCD for each stack during Real time period of Iso-kinetic sampling was collected. Since in every study each collected data is associated with some inherent error due to various unavoidable factors, therefore to standard reference method of Iso-kinetic sampling method. As per CPCB/e-Publication/2013-14 guideline, maximum acceptable limit for %RMSPE is less than 30. If %RMSE is more than 30.

5.0 Instruments

For this study, Iso-kinetic sampling train for Particulate Matter was carried out in different stacks in J K Cement Works Panna, in Panna district, Madhya Pradesh, by stack sampling kit VSS- 1 of Envirotech Instruments Private Limited. Dust sample was collected in Whatman Glass Fiber Thimbles.

6.0 Gaseous Composition Measurement

The measurement of the O₂ & CO₂ was carried out with the Portable Combustion Flue Gas Analyzer Make of MRU GmbH Model Optima 7 with according to USEPA Method 30&34.



**FIGURE-1
PORTABLE COMBUSTION GAS ANALYSER**

7.0 Exhaust Gas Volume Stream

7.1 Velocity

The velocity profile was measured using S-type Pitot tube according to USEPA-guideline method No.2.

**TABLE-1
INSTRUMENT DETAILS FOR VELOCITY MEASUREMENT**

Parameter	Instrument and its Specification
S-Type Pitot tube	<ul style="list-style-type: none"> • Envirotech Stack Sampling Kit • Validated with calibration Report
Dynamic pressure	<ul style="list-style-type: none"> • Incline cum vertical manometer • Envirotech Stack Sampling Kit • Accuracy: ± 1 [%] of measuring range
Static pressure	<ul style="list-style-type: none"> • Incline cum vertical manometer • Envirotech Stack Sampling Kit • Accuracy: ± 1 [%] of measuring range

Ambient pressure	<ul style="list-style-type: none"> • Digital Barometer, Testo 511, Germany • Range: 300 – 1200 hPa [mbar] • Accuracy: ± 3 hPa
------------------	---

7.2 Exhaust gas temperature

During the whole measuring period the temperature of the exhaust gas was measured in multi- points of the cross-section area of the stack with a K type thermocouple in connection with a display unit.

Envirotech Stack Sampling Kit

**TABLE-2
INSTRUMENT DETAILS OF TEMPERATURE MEASUREMENT**

Parameter	Device and its Specification
Temperature	<ul style="list-style-type: none"> • Digital Thermo Meter • Range: 0 - 1300 [°C] • Accuracy: $\pm 0.3\% + 1^\circ\text{C}$

8.0 Measurement of Particulate Matter (PM):

Envirotech Iso-kinetic Source Sampling Kit Model APM 620 was used to collect dust Sample Iso-kinetically as Per USEPA Method 5 with valid calibration report of Manometer, Orifice Meter, Dry Gas Meter, Sampling Nozzle, Vacuum gauge, Temp indicator, Pitot tube. Sample was collected in Glass Fiber Filter. Hot gas was dried using silica Gel and cooled less than 20^o C before entering to metering Device (Dry Gas Meter). Initial & Final Weight of Filter Thimble was taken at site Laboratory by using Digital Balance.

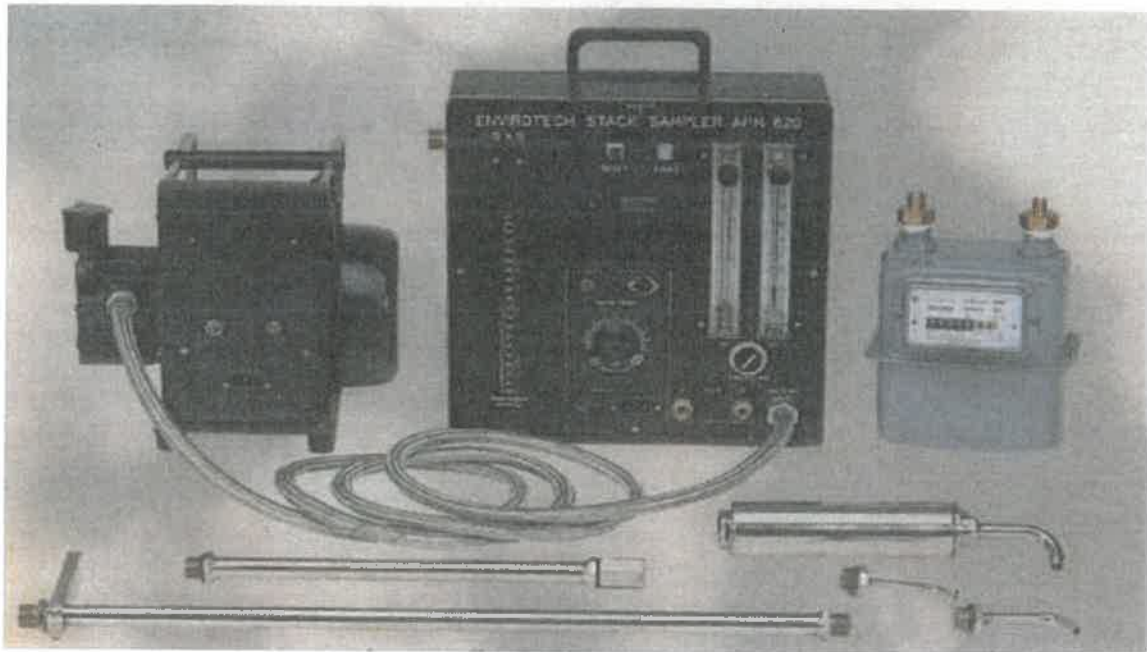


FIGURE-2
STACK EMISSION MONITORING KIT

9.0 QA /QC for Dust Measurement during sampling

The instruments used for measurement are duly calibrated as per applicable norms as mentioned in ISO/IEC: 17025.

Calibrated S-type Pitot tube, manometer, digital thermometer, Rota meter, dry gas meter & vacuum gauges were used.

For QA/QC Leak Check was done before & after sampling of each port hole at pressure of (-15) inch Hg & was found 100% leak Proof.

Iso-kinetic Percentage was in between 90-110 % at Each Port Hole & over all Iso-kinetic Percentage was also in the same range. Field Blank sample was taken care at site.

10.0 Results & Discussion

Results obtained from APCD & Iso-kinetic sampling are summarized in Table-3 and Regression trend data are given in below.

10.0 Results & Discussion:

Results obtained from APCD & Iso-kinetic sampling are summarized in Table-3 and Regression trend data are given in below.

TABLE-3
SUMMARY OF REGRESSION ANALYSIS

Sr. No	Stack Identity	PM (mg/Nm ³)	EFFENCICY
01	Cement Mill-1 Outlet	7.96	99.99
02	Cement Mill-1 Inlet	277333.33	
03	Raw Mill Kiln-1 Outlet	5.3	99.96
04	Raw Mill Kiln-1 Inlet	13866.66	
05	Clinker Cooler Exit - 1 Outlet	2.46	99.97
06	Clinker Cooler Exit - 1 Inlet	9070.0	
07	Coal Mill-1 Outlet	8.7	99.99
08	Coal Mill-1 Inlet	113000.0	

ISSUED TO:

**M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsil Amanganj,
Distt- Panna, MP-488441 India.**

**Report Number : VLL/VLS/25/08829/001
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025**

Page 1 of 1

Sample Registration Date : 2025.05.26	Sampling Date : 2025.05.22
Analysis Starting Date : 2025.05.26	Analysis Completion Date : 2025.06.19
Samples collected by Vimta Labs Ltd.	

TEST REPORT

Plant Name & Address : J K Cement Works, Panna A-Unit of J K Cement Ltd.
Sampling Location : Cement Mill-1 OUTLET
Test protocol : IS:11255 Part-1,2003, IS: Part-3, 2008, USEPA Method No. 3A, 6C & 10B
Stack Height : 54.0 m
Height of Sampling Point : 40.0 m
Stack Diameter at Test Location : 3.40 m

S.no	Test Id	Time (Hrs)	Temp. (°C)	Velocity (m/s)	Flow Rate (Nm ³ /S)	Particulate Matter (mg/Nm ³)
1	1st	9:30	84.8	11.83	85.24	7.5
2	2nd	10:15	85.0	12.46	89.72	8.4
3	3rd	11:00	85.4	12.36	88.90	8.0

ISSUED TO:

M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsli Amanganj,
Distt- Panna, MP-488441 India.

Report Number : VLL/VLS/25/08829/002
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025

Page 1 of 1

Sample Registration Date : 2025.05.26
Analysis Starting Date : 2025.05.26
Samples collected by Vimta Labs Ltd.

Sampling Date : 2025.05.22
Analysis Completion Date : 2025.06.19

TEST REPORT

Plant Name & Address : J K Cement Works, Panna A-Unit of J K Cement Ltd.
Sampling Location : Cement Mill-1 INLET
Test protocol : IS:11255 Part-1,2003, IS: Part-3, 2008, USEPA Method No. 3A, 6C & 10B
Stack Diameter at Test Location : 4.2 m

S.no	Test Id	Time (Hrs)	Temp. (°C)	Velocity (m/s)	Flow Rate (Nm ³ /S)	Particulate Matter (gm/Nm ³)
1	1st	9:30	95	25.0	267.1	276
2	2nd	10:15	97	26.2	278.4	272
3	3rd	11:00	93	26.0	279.3	284



Performance Monitoring of APCD Report-Cement Division Unit-Panna

June-2025

ISSUED TO:

M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsil Amanganj,
Distt- Panna, MP-488441 India.

Report Number : VLL/VLS/25/08829/003
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025

Page 1 of 1

Sample Registration Date : 2025.05.26 Sampling Date : 2025.05.19
Analysis Starting Date : 2025.05.26 Analysis Completion Date : 2025.06.19
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Plant Name & Address : JK Cement Works, Panna A-Unit of J K Cement Ltd.
Sampling Location : Raw Mill Kiln -1 Outlet
Test protocol : IS:11255 Part-1,2003, IS: Part-3, 2008, USEPA Method No. 3A, 6C & 10B
Stack Height : 183.0 m
Height of Sampling Point : 140.0 m
Stack Diameter at Test Location : 5.42 m

S.no	Test Id	Time (Hrs)	Temp. (°C)	Velocity (m/s)	Flow Rate (Nm ³ /S)	Particulate Matter (mg/Nm ³)
1	1st	10:55	115.5	12.31	206.4	5.2
2	2nd	11:50	116.0	12.40	207.7	4.8
3	3rd	14:15	116.4	12.32	206.2	5.9

**ISSUED TO:**

M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsil Amanganj,
Distt- Panna, MP-488441 India.

Report Number : VLL/VLS/25/08829/004
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025

Sample Registration Date : 2025.05.26 Sampling Date : 2025.05.19
Analysis Starting Date : 2025.05.26 Analysis Completion Date : 2025.06.19
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Plant Name & Address : JK Cement Works, Panna A-Unit of JK Cement Ltd.
Sampling Location : Raw Mill Kiln-1 INLET
Test protocol : IS:11255 Part-1,2003, IS: Part-3, 2008, USEPA Method
No. 3A, 6C & 10B
Stack Diameter at Test Location : 6.0 m

S.no	Test Id	Time (Hrs)	Temp. (°C)	Velocity (m/s)	Flow Rate (Nm ³ /S)	Particulate Matter (gm/Nm ³)
1	1 st	10:55	162	11.7	203.5	14.2
2	2 nd	11:50	163	11.1	192.68	13.9
3	3 rd	14:15	167	10.9	187.4	13.5



Performance Monitoring of APCD Report-Cement Division Unit-Panna

June-2025

ISSUED TO:

M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsil Amangan],
Distt- Panna, MP-488441 India.

Report Number : VLL/VLS/25/08829/005
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025

Page 1 of 1

Sample Registration Date : 2025.05.26 Sampling Date : 2025.05.20
Analysis Starting Date : 2025.05.26 Analysis Completion Date : 2025.06.19
Sample Collected by Vimta Labs Ltd.

TEST REPORT

Plant Name & Address : JK Cement Works, Panna A-Unit of JK Cement Ltd.
Sampling Location : Clinker Cooler Exit - 1 Outlet
Test protocol : IS:11255 Part-1,2003, IS: Part-3, 2008, USEPA Method
No. 3A, 6C & 10B
Stack Height : 72.0 m
Height of Sampling Point : 40.0 m
Stack Diameter at Test Location : 4.82 m

S.no	Test Id	Time (Hrs)	Temp. (°C)	Velocity (m/s)	Flow Rate (Nm ³ /S)	Particulate Matter (mg/Nm ³)
1	1st	10:30	36.0	3.97	64.81	2.1
2	2nd	11:20	35.8	4.27	69.75	2.8
3	3rd	12:05	36.2	4.30	70.0	2.5



Performance Monitoring of APCD Report-Cement Division Unit-Panna

June-2025

ISSUED TO:

M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsil Amanganj,
Distt- Panna, MP-488441 India.

Report Number : VLL/VLS/25/08829/006
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025

Page 1 of 1

Sample Registration Date : 2025.05.26
Analysis Starting Date : 2025.05.26
Sample Collected by Vimta Labs Ltd.

Sampling Date : 2025.05.20
Analysis Completion Date : 2025.06.19

TEST REPORT

Plant Name & Address : JK Cement Works, Panna A-Unit of JK Cement Ltd.
Sampling Location : Clinker Cooler Exit - 1 Inlet
Test protocol : IS:11255 Part-1,2003, IS: Part-3, 2008, USEPA Method No. 3A, 6C & 10B
Stack Diameter at Test Location : 5.0 m

S.no	Test Id	Time (Hrs)	Temp. (°C)	Velocity (m/s)	Flow Rate (Nm ³ /S)	Particulate Matter (gm/Nm ³)
1	1 st	10:30	233	6.9	73.95	8.91
2	2 nd	11:20	228	6.9	74.69	8.75
3	3 rd	12:05	236	7.6	80.97	9.55

ISSUED TO:

M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsil Amanganj,
Distt- Panna, MP-488441 India.

Report Number : VLL/VLS/25/08829/007
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025

Page 1 of 1

Sample Registration Date : 2025.05.26
Analysis Starting Date : 2025.05.26
Sample Collected by Vimta Labs Ltd.

Sampling Date : 2025.05.17
Analysis Completion Date : 2025.06.19

TEST REPORT

Plant Name & Address : J K Cement Works, Panna A-Unit of J K Cement Ltd.
Sampling Location : Coal Mill-1(BAG HOUSE) OUTLET
Test protocol : IS:11255 Part-1,2003, IS: Part-3, 2008, USEPA Method No. 3A, 6C & 10B
Stack Height : 78.0 m
Height of Sampling Point : 40.0 m
Stack Diameter at Test Location : 2.3 m

S.no	Test Id	Time (Hrs)	Temp. (°C)	Velocity (m/s)	Flow Rate (Nm ³ /S)	Particulate Matter (mg/Nm ³)
1	1st	10:55	64.8	21.0	70.03	8.0
2	2nd	11:35	66.0	21.2	70.45	8.9
3	3rd	12:12	67.1	21.0	69.55	9.2

ISSUED TO:

M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsil Amanganj,
Distt- Panna, MP-488441 India.

Report Number : VLL/VLS/25/08829/008
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025

Page 1 of 1

Sample Registration Date : 2025.05.26	Sampling Date : 2025.05.17
Analysis Starting Date : 2025.05.26	Analysis Completion Date : 2025.06.19
Sample Collected by Vimta Labs Ltd.	

TEST REPORT

Plant Name & Address : J K Cement Works, Panna A-Unit of J K Cement Ltd.
Sampling Location : Coal Mill-1 (BAG HOUSE)- INLET
Test protocol : IS:11255 Part-1,2003, IS: Part-3, 2008, USEPA Method No. 3A, 6C & 10B
Stack Diameter at Test Location : 2.2 m

S.no	Test Id	Time (Hrs)	Temp. (°C)	Velocity (m/s)	Flow Rate (Nm ³ /S)	Particulate Matter (gm/Nm ³)
1	1st	10:55	52	23.1	66.67	110
2	2nd	11:35	55	22.4	64.05	113
3	3rd	12:12	58	22.1	62.62	116

ISSUED TO:

M/S. J K Cement Works Panna,
A-Unit of J K Cement Ltd.
Village Harduwaken, Tehsil Amanganj,
Distt- Panna, MP-488441 India.

Report Number : VLL/VLS/25/08829/009
Issue Date : 2025.06.19
P.O. Number : 4600011231
P.O. Date : 09.04.2025

Page 1 of 1

Sample Registration Date : 2025.05.26	Sampling Date : 2025.05.17 TO 2025.05.22
Analysis Starting Date : 2025.05.26	Analysis Completion Date : 2025.06.19
Sample Collected by Vimta Labs Ltd.	

Efficiency Details**Plant Name & Address**

: J K Cement Works, Panna A-Unit of J K Cement Ltd.

Sr.no	Test Location	Date & Time (Hrs)	APC Device	Efficiency (%)
1	Cement Mill Stack	22.05.2025 9:30- 12:00 hrs	Bag House	99.99
2	RMBH Kiln Stack	19.05.2025 10:55 to 15:00 hrs	Raw Mill Bag House (RMBH)	99.96
3	Cooler ESP stack	20.05.2025 10:30 hrs to 13:00 hrs	ESP	99.97
4	Coal Mill Stack	17.05.2025 10:55 hrs to 13:00 hrs	Bag House	99.99

**CALIBRATION FACTOR OF ONLINE CONTINUOUS EMISSION
MONITORING SYSTEM AND DUST CERTIFICATES**

FOR



**M/s. J K CEMENT WORKS, PANNA.
VILLAGE- HARDUWAKEN, TEHSIL- AMANGANJ,
PANNA, MADHYA PRADESH, INDIA**

SUBMITTED TO

**M/s. J K CEMENT WORKS, PANNA.
VILLAGE- HARDUWAKEN, TEHSIL- AMANGANJ,
PANNA, MADHYA PRADESH, INDIA**

SUBMITTED BY



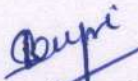
**M/s. PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.
LTD., LABORATORY**

**PLOT NO. 104, SECTOR-II, INDUSTRIAL AREA, PITHAMPUR,
DIST- DHAR, MADHYA PRADESH, INDIA**

ACKNOWLEDGEMENT

We are thankful to JK Cement Works, Panna for providing an opportunity to Pithampur Industrial Waste Management Private Limited to carry out Online Continuous Emission Monitoring System Calibration at their Cement Mill Stack, which shall guide them towards executing and implementing better environment management plan. We are thankful to the dedicated team who carried out the monitoring with the utmost sincerity and diligence. It is because of their honest effort; we could bring out this resourceful report.

For


Pithampur Industrial Waste Management Private Limited.,

Date: 10-01-2026

Laboratory



1.1 PM-CEMS COMPARISON DATA AGAINST ISO-KINETIC SAMPLING OF RAW MILL KILN-1

UNIT: JK CEMENT WORKS, PANNA (OCEMS CALIBRATION DECEMBER 2025)

S.No	Date	Time	Ambient Temp (°C)	Flue Gas Temp (°C)	Average Velocity (m/sec)	Iso-Kinetic Sampling Rate (LPM)	Iso-Kinetic PM (mg/Nm ³)	Avg. CEMS PM (mg/Nm ³)	Error (%)	Absolute Error (%)	Avg Deviation in Comparison to SRM Value in %	m	c	r ²
1	09-12-2025	(01:00 PM - 01:45 PM)	24	105	17.03	27.2	11.32	10.68	0.64	5.65	2.66	0.9430	0.2460	0.9733
2	09-12-2025	(02:00 PM - 02:30 PM)	27	85	17.01	27.0	11.70	10.62	1.08	9.23				
3	09-12-2025	(02:45 PM - 03:30 PM)	28	84	17.34	27.5	9.87	10.68	-0.81	-8.21				
4	09-12-2025	(03:45 PM - 04:30 PM)	24	105	17.03	27.2	11.21	10.51	0.70	6.24				
5	09-12-2025	(04:45 PM - 05:30 PM)	27	85	17.01	27.0	9.96	10.34	-0.38	-3.82				
6	09-12-2025	(05:45 PM - 06:30 PM)	28	84	17.34	27.5	11.27	10.50	0.77	6.83				

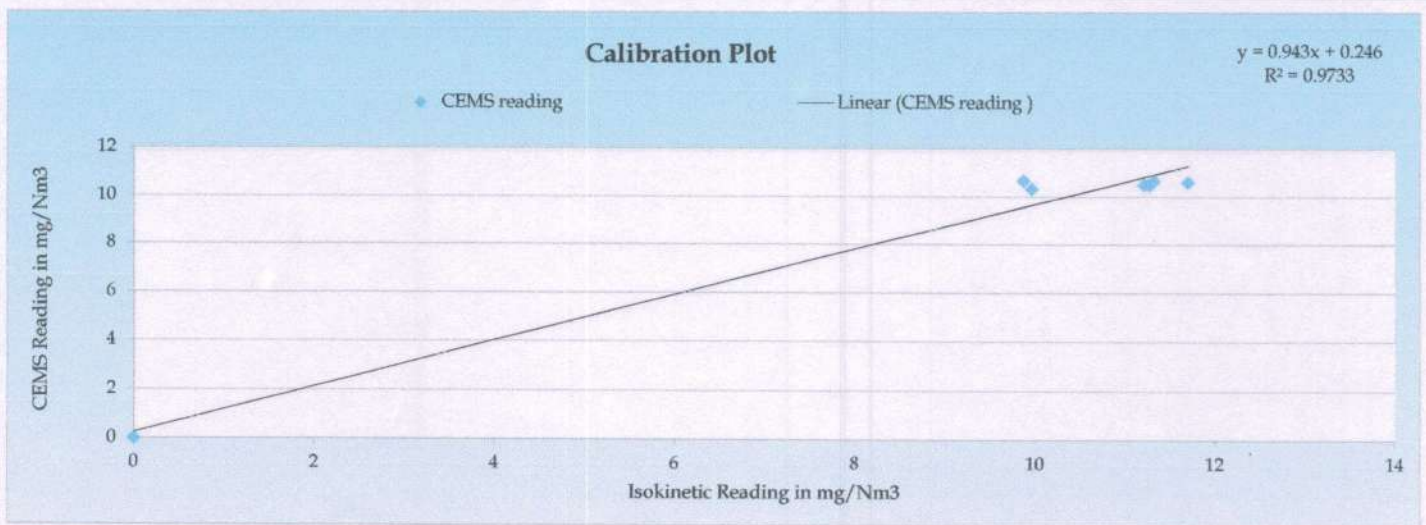
1.2 DUST FACTOR FOR RAW MILL KILN-1

Date of Monitoring

CORRECTION FACTOR FOR OCEMS DUST FACTOR:

In order to output particulate data as dust cocentration in mg/Nm³, a correction factor must be detrmined, for each installation, such that

Sample No	Iso-kinetic sampling result in mg/Nm ³	PM-CEMS Reading in mg/Nm ³
1	11.32	10.68
2	11.70	10.62
3	9.87	10.68
4	11.21	10.51
5	9.96	10.34
6	11.27	10.50



DUST FACTOR CORRECTION FOR OCEMS: 1.03



S. Babyrani
 Authorized Signatory
 S. Babyrani
 Sr. Deputy Manager

2.1 PM-CEMS COMPARISON DATA AGAINST ISO-KINETIC SAMPLING OF COAL MILL-1

UNIT: JK CEMENT WORKS, PANNA (OCEMS CALIBRATION DECEMBER 2025)

S.No	Date	Time	Ambient Temp (°C)	Flue Gas Temp (°C)	Average Velocity (m/sec)	Iso-Kinetic Sampling Rate (LPM)	Iso-Kinetic PM (mg/Nm ³)	Avg. CEMS PM (mg/Nm ³)	Error (%)	Absolute Error (%)	Avg Deviation in Comparison to SRM Value in %	m	c	r ²
1	18-12-2025	(09:30 AM - 10:05 AM)	22	65	19.42	33.0	9.67	10.02	-0.35	-3.62	0.42	0.9863	0.0731	0.9844
2	18-12-2025	(10:15 AM - 10:50 AM)	23	68	17.39	29.0	9.21	8.58	0.63	6.84				
3	18-12-2025	(11:15 AM - 11:50 AM)	26	69	16.29	30.0	10.22	9.74	0.48	4.70				
4	18-12-2025	(12:15 PM - 12:50 PM)	22	65	19.42	33.0	9.03	9.64	-0.61	-6.76				
5	18-12-2025	(01:15 PM - 01:50 PM)	23	68	17.39	29.0	11.67	12.05	-0.38	-3.26				
6	18-12-2025	(02:15 PM - 02:50 PM)	26	69	16.29	30.0	12.32	11.75	0.57	4.63				

2.2 DUST FACTOR FOR COAL MILL-1

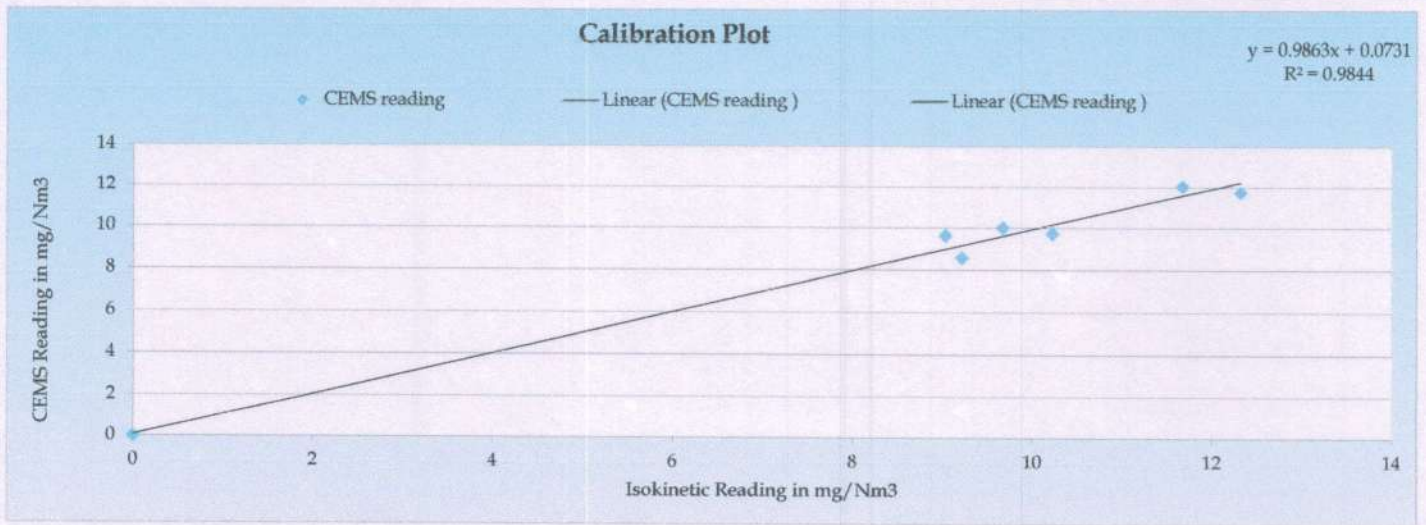
Date of Monitoring

CORRECTION FACTOR FOR OCEMS DUST FACTOR:

In order to output particulate data as dust cocentration in mg/Nm³, a correction factor must be detrmined, for each installation, such that

Sample No	Iso-kinetic sampling result in mg/Nm ³	PM-CEMS Reading in mg/Nm ³
1	9.7	10.02
2	9.2	8.58
3	10.2	9.74
4	9.0	9.64
5	11.7	12.05
6	12.3	11.75

Calibration Plot



DUST FACTOR CORRECTION FOR OCEMS: 1.02



Bupri
 Authorized Signatory
 S. Babyrani
 Sr. Deputy Manager

3.1 PM-CEMS COMPARISON DATA AGAINST ISO-KINETIC SAMPLING OF CEMENT MILL-1

UNIT: JK CEMENT WORKS, PANNA (OCEMS CALIBRATION DECEMBER 2025)

S.No	Date	Time	Ambient Temp (°C)	Flue Gas Temp (°C)	Average Velocity (m/sec)	Iso-Kinetic Sampling Rate (LPM)	Iso-Kinetic PM (mg/Nm ³)	Avg. CEMS PM (mg/Nm ³)	Error (%)	Absolute Error (%)	Avg Deviation in Comparison to SRM Value in %	m	c	r ²
1	19-12-2025	(09:15 AM - 10:30 AM)	24	84	9.41	15.0	5.98	5.44	0.54	9.03	7.06	0.9259	0.0174	0.9970
2	19-12-2025	(10:45 AM - 12:00 PM)	26	87	6.86	14.2	6.12	5.87	0.25	4.08				
3	19-12-2025	(12:15 PM - 01:30 PM)	26	87	8.66	14.0	6.43	6.07	0.36	5.60				
4	19-12-2025	(01:45 PM - 03:00 PM)	24	81	9.05	15.0	7.03	6.34	0.69	9.82				
5	19-12-2025	(03:15 PM - 04:30 PM)	25	85	9.36	15.0	7.12	6.57	0.55	7.72				
6	19-12-2025	(04:45 PM - 06:00 PM)	26	87	7.34	14.0	6.89	6.47	0.42	6.10				

3.2 DUST FACTOR FOR CEMENT MILL-1

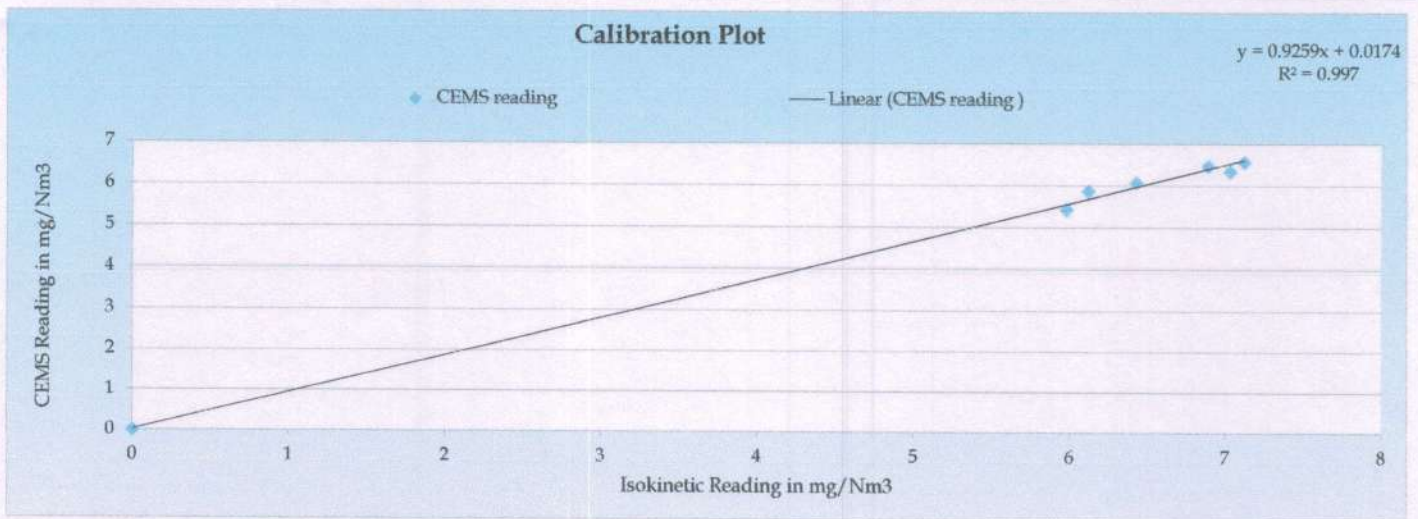
Date of Monitoring

CORRECTION FACTOR FOR OCEMS DUST FACTOR:

In order to output particulate data as dust concentration in mg/Nm³, a correction factor must be determined, for each installation, such that

Sample No	Iso-kinetic sampling result in mg/Nm ³	PM-CEMS Reading in mg/Nm ³
1	5.98	5.44
2	6.12	5.87
3	6.43	6.07
4	7.03	6.34
5	7.12	6.57
6	6.89	6.47

Calibration Plot



DUST FACTOR CORRECTION FOR OCEMS: 1.00



S. Babyrani
 Authorized Signatory
 S. Babyrani
 Sr. Deputy Manager

4.1 PM-CEMS COMPARISON DATA AGAINST ISO-KINETIC SAMPLING OF COOLER ESP-1

UNIT: JK CEMENT WORKS, PANNA (OCEMS CALIBRATION DECEMBER 2025)

S.No	Date	Time	Ambient Temp (°C)	Flue Gas Temp (°C)	Average Velocity (m/sec)	Iso-Kinetic Sampling Rate (LPM)	Iso-Kinetic PM (mg/Nm ³)	Avg. CEMS PM (mg/Nm ³)	Error (%)	Absolute Error (%)	Avg Deviation in Comparison to SRM Value in %	m	c	r ²
1	26-12-2025	(09:15 AM - 10:15 AM)	24	27	3.89	16.5	5.15	4.70	0.45	8.74	2.49	0.9178	0.2050	0.9733
2	26-12-2025	(10:30 AM - 11:30 AM)	25	28	3.71	15.7	5.26	4.83	0.43	8.17				
3	26-12-2025	(11:45 AM - 12:45 PM)	26	28	4.12	17.5	4.32	4.60	-0.28	-6.48				
4	26-12-2025	(01:00 PM - 02:00 PM)	23	25	4.24	18.0	3.82	4.15	-0.33	-8.64				
5	26-12-2025	(02:30 PM - 03:30 PM)	25	27	4.19	18.0	5.43	5.09	0.34	6.26				
6	26-12-2025	(03:45 PM - 04:45 PM)	22	25	3.70	16.0	5.65	5.26	0.39	6.90				

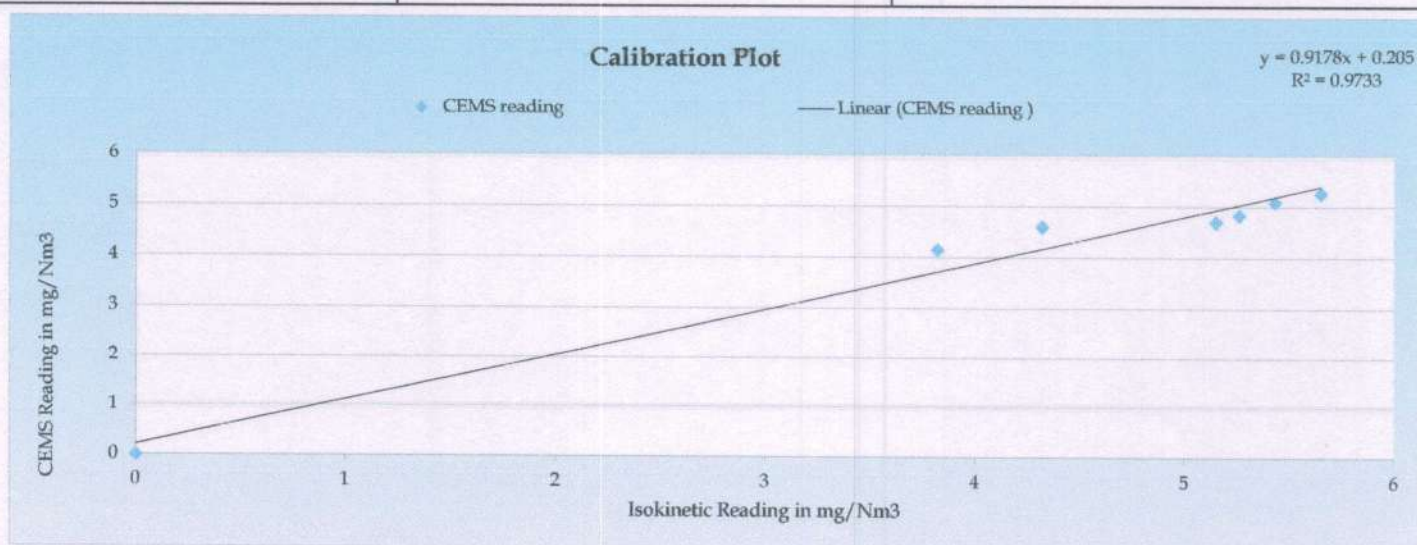
4.2 DUST FACTOR FOR COOLER ESP-1

Date of Monitoring

CORRECTION FACTOR FOR OCEMS DUST FACTOR:

In order to output particulate data as dust cocentration in mg/Nm³, a correction factor must be detmrined, for each installation, such that

Sample No	Iso-kinetic sampling result in mg/Nm ³	PM-CEMS Reading in mg/Nm ³
1	5.15	4.70
2	5.26	4.83
3	4.32	4.60
4	3.82	4.15
5	5.43	5.09
6	5.65	5.26



DUST FACTOR CORRECTION FOR OCEMS: 1.03



S. Babyrani
Authorized Signatory
S. Babyrani
Sr. Deputy Manager

Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-256/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Raw Mill Kiln-1

Date & Time of Monitoring: 09/12/2025 at 01:00 PM to 01:45 PM

Date of Sample Receipt: 11/12/2025

Date of Start of Analysis: 12/12/2025

Date of Completion of Analysis: 15/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 105°C
Ref:3	Stack gas velocity: 17.03 m/s	Ref:4	Ambient Temperature: 24°C
Ref:5	Flue Gas Flow rate: 1058301.99 Nm ³ /hr	Ref:6	Stack Height: 183Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 37Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 5.42 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 27.2
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	11.32	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	10.68	-	By CEMS
3	Deviation	%	5.65	10	By Calculation

- Note :**
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 2. Statement of conformity to a specification or standard is given only on the request of customer.
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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



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PIWMPL/LAB/QRF/00/21/07.2022



Pithampur Industrial Waste Management Private Limited
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CIN No. U90000TG2010PTC071919

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Certificate REG No : 23EQKR96 (ISO 9001 : 2015)
 Certificate REG No : 23EEKW93 (ISO 14001 : 2015)
 Certificate REG No : 23EOKE89 (ISO 45001 : 2018)

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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-257/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Raw Mill Kiln-1

Date & Time of Monitoring: 09/12/2025 at 02:00 PM to 02:30 PM

Date of Sample Receipt: 11/12/2025

Date of Start of Analysis: 12/12/2025

Date of Completion of Analysis: 15/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 85°C
Ref:3	Stack gas velocity: 17.01 m/s	Ref:4	Ambient Temperature: 27°C
Ref:5	Flue Gas Flow rate: 1117737.37 Nm ³ /hr	Ref:6	Stack Height: 183Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 31.2Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 5.42 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 27.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	11.70	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	10.62	-	By CEMS
3	Deviation	%	9.23	10	By Calculation

Note :

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- Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

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PIWMPL/LAB/QRF/2025-26/05/01/2026

Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-258/2025-26
Issued Date: 05/01/2026

Stack Identification: Stack Attached to Raw Mill Kiln-1

Date & Time of Monitoring: 09/12/2025 at 02:45 PM to 03:30 PM

Date of Sample Receipt: 11/12/2025

Date of Start of Analysis: 12/12/2025

Date of Completion of Analysis: 15/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 84°C
Ref:3	Stack gas velocity: 17.34 m/s	Ref:4	Ambient Temperature: 28°C
Ref:5	Flue Gas Flow rate: 1144163.62 Nm ³ /hr	Ref:6	Stack Height: 183Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 37Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 5.42 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 27.5
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	9.87	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	10.68	-	By CEMS
3	Deviation	%	-8.21	10	By Calculation

Note :

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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-259/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Raw Mill Kiln-1

Date & Time of Monitoring: 09/12/2025 at 03:45 PM to 04:30 PM

Date of Sample Receipt: 11/12/2025

Date of Start of Analysis: 12/12/2025

Date of Completion of Analysis: 15/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 105°C
Ref:3	Stack gas velocity: 17.03 m/s	Ref:4	Ambient Temperature: 24°C
Ref:5	Flue Gas Flow rate: 1058301.99 Nm ³ /hr	Ref:6	Stack Height: 183Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 37Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 5.42 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 27.2
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	11.21	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	10.51	-	By CEMS
3	Deviation	%	6.24	10	By Calculation

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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

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Page No. 1/1



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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-260/2025-26
Issued Date: 05/01/2026

Stack Identification: Stack Attached to Raw Mill Kiln-1

Date & Time of Monitoring: 09/12/2025 at 04:45 PM to 05:30 PM

Date of Sample Receipt: 11/12/2025

Date of Start of Analysis: 12/12/2025

Date of Completion of Analysis: 15/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 85°C
Ref:3	Stack gas velocity: 17.01 m/s	Ref:4	Ambient Temperature: 27°C
Ref:5	Flue Gas Flow rate: 1117737.37 Nm ³ /hr	Ref:6	Stack Height: 183Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 31.2Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 5.42 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 27.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	9.96	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	10.34	-	By CEMS
3	Deviation	%	-3.82	10	By Calculation

- Note :**
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*****End of the test report*****

Page No. 1/1



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PIWMPL/LAB/QRF/05/2025-26

Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-261/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Raw Mill Kiln-1

Date & Time of Monitoring: 09/12/2025 at 05:45 PM to 06:30 PM

Date of Sample Receipt: 11/12/2025

Date of Start of Analysis: 12/12/2025

Date of Completion of Analysis: 15/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 84°C
Ref:3	Stack gas velocity: 17.34 m/s	Ref:4	Ambient Temperature: 28°C
Ref:5	Flue Gas Flow rate: 1144163.62 Nm ³ /hr	Ref:6	Stack Height: 183Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 37Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 5.42 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 27.5
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	11.27	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	10.50	-	By CEMS
3	Deviation	%	6.83	10	By Calculation

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 - Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



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PIWMPL/LAB/QRF/00/21/07/2022

Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-268/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cement Mill-1

Date & Time of Monitoring: 19/12/2025 at 09:15 AM to 10:30 AM

Date of Sample Receipt: 21/12/2025

Date of Start of Analysis: 22/12/2025

Date of Completion of Analysis: 26/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 84°C
Ref:3	Stack gas velocity: 9.41 m/s	Ref:4	Ambient Temperature: 24°C
Ref:5	Flue Gas Flow rate: 247125.17 Nm3/hr	Ref:6	Stack Height: 54 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 67 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 3.40 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 15.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	5.98	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	5.44	-	By CEMS
3	Deviation	%	9.03	10	By Calculation

- Note :**
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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



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Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.) Village- Harduwaken, Tehsil- Amanganj Dist. Panna, PIN- 488441 Madhya Pradesh	Report No: PIWMPL/LAB/JKCL-269/2025-26 Issued Date: 05/01/2026
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Stack Identification: Stack Attached to Cement Mill-1

Date & Time of Monitoring: 19/12/2025 at 10:45 AM to 12:00 PM	Date of Sample Receipt: 21/12/2025
Date of Start of Analysis: 22/12/2025	Date of Completion of Analysis: 26/12/2025

Other References :

Ref:1 Name of sample: Stack Monitoring Emission	Ref:2 Stack Temperature: 87°C
Ref:3 Stack gas velocity: 6.86 m/s	Ref:4 Ambient Temperature: 26°C
Ref:5 Flue Gas Flow rate: 410810.14 Nm3/hr	Ref:6 Stack Height: 54 Meter
Ref:7 Make of Stack: MS	Ref:8 Duration of sampling: 70.5 Min
Ref:9 Sampling Condition: Isokinetic	Ref:10 Stack Diameter: 3.40 Meter
Ref:11 Monitoring Carried out by : RESL Lab Team	Ref:12 Flow Rate of LPM: 14.2
Ref:13 Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14 General Environment Condition: Clear Sky
Ref:15 Pollution Control Device: Bag House	

TEST RESULT


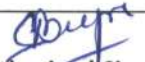
Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	6.12	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	5.87	-	By CEMS
3	Deviation	%	4.08	10	By Calculation

Note :

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4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1		 Authorized Signatory S. Babyrani PIWMPL/LAB/QRF/00/21/07/2022
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Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-270/2025-26
Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cement Mill-1

Date & Time of Monitoring: 19/12/2025 at 12:15 PM to 01:30 PM

Date of Sample Receipt: 21/12/2025

Date of Start of Analysis: 22/12/2025

Date of Completion of Analysis: 26/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 87°C
Ref:3	Stack gas velocity: 8.66 m/s	Ref:4	Ambient Temperature: 26°C
Ref:5	Flue Gas Flow rate: 225521.13 Nm ³ /hr	Ref:6	Stack Height: 54 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 71.42 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 3.40 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 14.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	6.43	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	6.07	-	By CEMS
3	Deviation	%	5.60	10	By Calculation

- Note :**
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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



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Certificate REG No : 23EEKW93 [ISO 14001 : 2015]
Certificate REG No : 23EOKE89 [ISO 45001 : 2018]

T: 7067678811,12,13

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piwmp.com



Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-271/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cement Mill-1

Date & Time of Monitoring: 19/12/2025 at 01:45 PM to 03:00 PM

Date of Sample Receipt: 21/12/2025

Date of Start of Analysis: 22/12/2025

Date of Completion of Analysis: 26/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 81°C
Ref:3	Stack gas velocity: 9.05 m/s	Ref:4	Ambient Temperature: 24°C
Ref:5	Flue Gas Flow rate: 239671.93 Nm3/hr	Ref:6	Stack Height: 54 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 67 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 3.40 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 15.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	7.03	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	6.34	-	By CEMS
3	Deviation	%	9.82	10	By Calculation

- Note :**
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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



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 Authorized Signatory
 S. Babyrani

PIWMPL/LAB/QRF/2025-26/2022

Pithampur Industrial Waste Management Private Limited
 [A Subsidiary of Re Sustainability Limited]

CIN No. U90000TG2010PTC071919

Registered Office:

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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-272/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cement Mill-1

Date & Time of Monitoring: 19/12/2025 at 03:15 PM to 04:30 PM

Date of Sample Receipt: 21/12/2025

Date of Start of Analysis: 22/12/2025

Date of Completion of Analysis: 26/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 85°C
Ref:3	Stack gas velocity: 9.36 m/s	Ref:4	Ambient Temperature: 25°C
Ref:5	Flue Gas Flow rate: 245112.05 Nm3/hr	Ref:6	Stack Height: 54 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 67.0 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 3.40 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 15.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	7.12	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	6.57	-	By CEMS
3	Deviation	%	7.72	10	By Calculation

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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



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PIWMPL/LAB/QRF/00/21/07/2022

Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-273/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cement Mill-1

Date & Time of Monitoring: 19/12/2025 at 04:45 PM to 06:00 PM

Date of Sample Receipt: 21/12/2025

Date of Start of Analysis: 22/12/2025

Date of Completion of Analysis: 26/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 87°C
Ref:3	Stack gas velocity: 7.34 m/s	Ref:4	Ambient Temperature: 26°C
Ref:5	Flue Gas Flow rate: 211813.14 Nm3/hr	Ref:6	Stack Height: 54 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 84 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 3.40 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 14.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

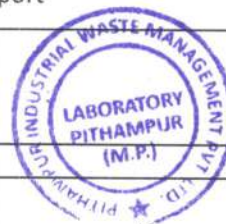
Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	6.89	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	6.47	-	By CEMS
3	Deviation	%	6.10	10	By Calculation

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 - Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



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PIWMPL/LAB/QRF/007/11/07/2022

Pithampur Industrial Waste Management Private Limited
 [A Subsidiary of Re Sustainability Limited]

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 Certificate REG No : 23EOKE89 (ISO 45001 : 2018)

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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-262/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Coal Mill-1

Date & Time of Monitoring: 18/12/2025 at 09:30 AM to 10:05 AM

Date of Sample Receipt: 20/12/2025

Date of Start of Analysis: 20/12/2025

Date of Completion of Analysis: 24/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 65°C
Ref:3	Stack gas velocity: 19.42 m/s	Ref:4	Ambient Temperature: 22°C
Ref:5	Flue Gas Flow rate: 243154.09 Nm ³ /hr	Ref:6	Stack Height: 78 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 31 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 2.30 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 33.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	9.67	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	10.02	-	By CEMS
3	Deviation	%	-3.62	10	By Calculation

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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

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Page No. 1/1



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PIWMPL/LAB/QRF/30/21/07/2022

Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-263/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Coal Mill-1

Date & Time of Monitoring: 18/12/2025 at 10:15 AM to 10:50 AM

Date of Sample Receipt: 20/12/2025

Date of Start of Analysis: 20/12/2025

Date of Completion of Analysis: 24/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 68°C
Ref:3	Stack gas velocity: 17.39 m/s	Ref:4	Ambient Temperature: 23°C
Ref:5	Flue Gas Flow rate: 215767.50 Nm ³ /hr	Ref:6	Stack Height: 78 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 34.5 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 2.30 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 29.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	9.21	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	8.58	-	By CEMS
3	Deviation	%	6.84	10	By Calculation

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 - Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



S. Babyrani
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PIWMPL/LAB/QRF/00/21/07/2022

Pithampur Industrial Waste Management Private Limited
 (A Subsidiary of Re Sustainability Limited)

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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-264/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Coal Mill-1

Date & Time of Monitoring: 18/12/2025 at 11:15 AM to 11:50 AM

Date of Sample Receipt: 20/12/2025

Date of Start of Analysis: 20/12/2025

Date of Completion of Analysis: 24/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 69°C
Ref:3	Stack gas velocity: 16.29 m/s	Ref:4	Ambient Temperature: 26°C
Ref:5	Flue Gas Flow rate: 201550.51 Nm3/hr	Ref:6	Stack Height: 78 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 37.0 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 2.30 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 30.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	10.22	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	9.74	-	By CEMS
3	Deviation	%	4.70	10	By Calculation

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*****End of the test report*****

Page No. 1/1



Authorized Signatory
 S. Babyrani

PIWMPL/LAB/QR/007/25/07/2022

Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-265/2025-26
Issued Date: 05/01/2026

Stack Identification: Stack Attached to Coal Mill-1

Date & Time of Monitoring: 18/12/2025 at 12:15 PM to 12:50 PM

Date of Sample Receipt: 20/12/2025

Date of Start of Analysis: 20/12/2025

Date of Completion of Analysis: 24/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 65°C
Ref:3	Stack gas velocity: 19.42 m/s	Ref:4	Ambient Temperature: 22°C
Ref:5	Flue Gas Flow rate: 243154.09 Nm ³ /hr	Ref:6	Stack Height: 78 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 31 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 2.30 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 33.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	9.03	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	9.64	-	By CEMS
3	Deviation	%	-6.76	10	By Calculation

Note :

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*****End of the test report*****

Page No. 1/1



Authorized Signatory
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PIWMPL/LAB/QRF/05/01/2026

Pithampur Industrial Waste Management Private Limited
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Test Report

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-266/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Coal Mill-1

Date & Time of Monitoring: 18/12/2025 at 01:15 PM to 01:50 PM

Date of Sample Receipt: 20/12/2025

Date of Start of Analysis: 20/12/2025

Date of Completion of Analysis: 24/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 68°C
Ref:3	Stack gas velocity: 17.39 m/s	Ref:4	Ambient Temperature: 23°C
Ref:5	Flue Gas Flow rate: 215767.50 Nm3/hr	Ref:6	Stack Height: 78 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 34.5 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 2.30 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 29.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	11.67	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	12.05	-	By CEMS
3	Deviation	%	-3.26	10	By Calculation

Note :

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*****End of the test report*****

Page No. 1/1



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PIWMPL/LAB/QRF/2025-26/001/2022

Pithampur Industrial Waste Management Private Limited
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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-267/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Coal Mill-1

Date & Time of Monitoring: 18/12/2025 at 02:15 PM to 02:50 PM

Date of Sample Receipt: 20/12/2025

Date of Start of Analysis: 20/12/2025

Date of Completion of Analysis: 24/12/2025

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 69°C
Ref:3	Stack gas velocity: 16.29 m/s	Ref:4	Ambient Temperature: 26°C
Ref:5	Flue Gas Flow rate: 201550.51 Nm ³ /hr	Ref:6	Stack Height: 78 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 37.0 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 2.30 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 30.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: Bag House		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	12.32	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	11.45	-	By CEMS
3	Deviation	%	4.63	10	By Calculation

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PIWMPL/LAB/QR/007/21-07-2022

Pithampur Industrial Waste Management Private Limited
 [A Subsidiary of Re Sustainability Limited]

CIN No. U90000TG2010PTC071919

Registered Office:

Level 11B, Aurobindo Galaxy,
 Hyderabad Knowledge City,
 Hitech City Road, Hyderabad-500 081.
 India.

Site Address:

Plot No 104, Industrial Area, Sector-II,
 Pithampur, District Dhar - 454 775,
 Madhya Pradesh,
 India.

Certificate REG No : 23EQKR96 [ISO 9001 : 2015]
 Certificate REG No : 23EEKW93 [ISO 14001 : 2015]
 Certificate REG No : 23EOKE89 [ISO 45001 : 2018]

T: 7067678811,12,13

E: mbdmpwmp@resustainability.com

piwmp.com

Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-274/2025-26
Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cooler ESP-1

Date & Time of Monitoring: 26/12/2025 at 09:15 AM to 10:15 AM

Date of Sample Receipt: 28/12/2025

Date of Start of Analysis: 29/12/2025

Date of Completion of Analysis: 02/01/2026

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 27°C
Ref:3	Stack gas velocity: 3.89 m/s	Ref:4	Ambient Temperature: 24°C
Ref:5	Flue Gas Flow rate: 243878.09 Nm ³ /hr	Ref:6	Stack Height: 72 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 60.0 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 4.82 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 16.5
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: ESP		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	5.15	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	4.70	-	By CEMS
3	Deviation	%	8.74	10	By Calculation

- Note :**
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 - Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



S. Babyrani
Authorized Signatory
S. Babyrani

PIWMPL/LAB/QR/09/01/07/2022

Pithampur Industrial Waste Management Private Limited
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CIN No. U90000TG2010PTC071919

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Certificate REG No : 23EOKE89 (ISO 45001 : 2018)

T: 7067678811,12,13

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piwmpl.com

Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-275/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cooler ESP-1

Date & Time of Monitoring: 26/12/2025 at 10:30 AM to 11:30 AM

Date of Sample Receipt: 28/12/2025

Date of Start of Analysis: 29/12/2025

Date of Completion of Analysis: 02/01/2026

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 28°C
Ref:3	Stack gas velocity: 3.71 m/s	Ref:4	Ambient Temperature: 25°C
Ref:5	Flue Gas Flow rate: 231820.51 Nm3/hr	Ref:6	Stack Height: 72 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 60.0 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 4.82 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 15.7
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: ESP		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	5.26	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	4.83	-	By CEMS
3	Deviation	%	8.17	10	By Calculation

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 - Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



S. Babyrani
 Authorized Signatory
 S. Babyrani

PIWMPL/LAB/QRF/01/01/2022

Pithampur Industrial Waste Management Private Limited
 [A Subsidiary of Re Sustainability Limited]

CIN No. U90000TG2010PTC071919

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 Certificate REG No : 23EOKE89 [ISO 45001 : 2018]

T: 7067678811,12,13

E: mbdmpwmp@resustainability.com

piwmp.com

Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-276/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cooler ESP-1

Date & Time of Monitoring: 26/12/2025 at 11:45 AM to 12:45 PM

Date of Sample Receipt: 28/12/2025

Date of Start of Analysis: 29/12/2025

Date of Completion of Analysis: 02/01/2026

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 28°C
Ref:3	Stack gas velocity: 4.12 m/s	Ref:4	Ambient Temperature: 26°C
Ref:5	Flue Gas Flow rate: 257439.49 Nm ³ /hr	Ref:6	Stack Height: 72 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 58.0 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 4.82 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 17.5
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: ESP		

TEST RESULT

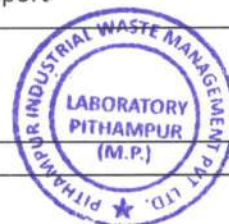
Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	4.32	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	4.60	-	By CEMS
3	Deviation	%	-6.48	10	By Calculation

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 - Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



S. Babyrani
 Authorized Signatory
 S. Babyrani

PIWMPL/LAB/QRF/30/21/07/2022

Pithampur Industrial Waste Management Private Limited
 [A Subsidiary of Re Sustainability Limited]

CIN No. U90000TG2010PTC071919

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 Certificate REG No : 23EEKW93 [ISO 14001 : 2015]
 Certificate REG No : 23EOKE89 [ISO 45001 : 2018]

T: 7067678811,12,13

E: mbdmpwmp@resustainability.com

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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-277/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cooler ESP-1

Date & Time of Monitoring: 26/12/2025 at 01:00 PM to 02:00 PM

Date of Sample Receipt: 28/12/2025

Date of Start of Analysis: 29/12/2025

Date of Completion of Analysis: 02/01/2026

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 25°C
Ref:3	Stack gas velocity: 4.24 m/s	Ref:4	Ambient Temperature: 23°C
Ref:5	Flue Gas Flow rate: 265711.46 Nm ³ /hr	Ref:6	Stack Height: 72 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 56 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 4.82 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 18.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: ESP		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	3.82	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	4.15	-	By CEMS
3	Deviation	%	-8.64	10	By Calculation

Note :
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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



S. Babyrani
 Authorized Signatory
 S. Babyrani

PIWMPL/LAB/QRF/00/25/07/2022

Pithampur Industrial Waste Management Private Limited
 [A Subsidiary of Re Sustainability Limited]

CIN No. U90000TG2010PTC071919

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 Certificate REG No : 23EOK89 [ISO 45001 : 2018]

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piwmpl.com



Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-278/2025-26
 Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cooler ESP-1

Date & Time of Monitoring: 26/12/2025 at 02:30 PM to 03:30 PM

Date of Sample Receipt: 28/12/2025

Date of Start of Analysis: 29/12/2025

Date of Completion of Analysis: 02/01/2026

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 27°C
Ref:3	Stack gas velocity: 4.19 m/s	Ref:4	Ambient Temperature: 25°C
Ref:5	Flue Gas Flow rate: 262653.79 Nm3/hr	Ref:6	Stack Height: 72 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 56 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 4.82 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 18.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: ESP		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	5.47	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	5.09	-	By CEMS
3	Deviation	%	6.26	10	By Calculation

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 4. Particulate Mater (CEMS) results & Deviation Limit provided by client.

*****End of the test report*****

Page No. 1/1



[Signature]
 Authorized Signatory
 S. Babyrani

PIWMPL/LAB/QRF/007/PL/07.2022

Pithampur Industrial Waste Management Private Limited
 (A Subsidiary of Re Sustainability Limited)

CIN No. U90000TG2010PTC071919

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 Certificate REG No : 23EOKE89 (ISO 45001 : 2018)

T: 7067678811,12,13

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Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-279/2025-26
Issued Date: 05/01/2026

Stack Identification: Stack Attached to Cooler ESP-1

Date & Time of Monitoring: 26/12/2025 at 03:45 PM to 04:45 PM

Date of Sample Receipt: 28/12/2025

Date of Start of Analysis: 29/12/2025

Date of Completion of Analysis: 02/01/2026

Other References :

Ref:1	Name of sample: Stack Monitoring Emission	Ref:2	Stack Temperature: 87°C
Ref:3	Stack gas velocity: 7.34 m/s	Ref:4	Ambient Temperature: 26°C
Ref:5	Flue Gas Flow rate: 211813.14 Nm ³ /hr	Ref:6	Stack Height: 72 Meter
Ref:7	Make of Stack: MS	Ref:8	Duration of sampling: 84 Min
Ref:9	Sampling Condition: Isokinetic	Ref:10	Stack Diameter: 4.82 Meter
Ref:11	Monitoring Carried out by : RESL Lab Team	Ref:12	Flow Rate of LPM: 14.0
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	General Environment Condition: Clear Sky
Ref:15	Pollution Control Device: ESP		

TEST RESULT

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter (PM)	mg/Nm ³	5.65	-	IS 11255 : Part 1 -1985
2	Particulate Matter (CEMS)	mg/Nm ³	5.26	-	By CEMS
3	Deviation	%	6.90	10	By Calculation

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*****End of the test report*****

Page No. 1/1



Authorized Signatory
S. Babyrani

PIWMPL/LAB/QRF/001/07/2022

Pithampur Industrial Waste Management Private Limited
(A Subsidiary of Re Sustainability Limited)

CIN No. U90000TG2010PTC071919

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Certificate REG No : 23EOKE89 [ISO 45001 : 2018]

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J.K. Cement Works, Panna
A Unit of J.K. Cement Limited
CIN: L17229UP1994PLC017199

• Village - Harduaken, Tehsil - Amanganj, Post Office - Purair
District - Panna, State - Madhya Pradesh, India - 488 441
• jkc.panna@jkcement.com
• www.jkcement.com

Ref: JKCEMENT/ENV/EMR/2026-27/20B/120

Date: 10.05.2026

To,
The Regional Director
Regional Office (WZ) MoEF & CC, E-5,
Kendriya Paryavaran Bhawan,
E-5 Arera Colony, Link Road-3,
Ravishankar Nagar, Bhopal-462016 (M.P.)

Subject: Submission of Fugitive Emission Monitoring for J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (M.P.) for the month of **January-2026 to March-2026**.

Reference No.: EC – File No.– IA-J-11011/224/2016-IA-II(I) dated – 02.03.2022

Dear Sir,

With reference to the aforesaid subject & referred EC no., please find herewith enclosed Fugitive Emission Monitoring Reports for J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (M.P.) for the month of **January-2026 to March-2026 (Annexure-1,2 & 3)**.

This is for your kind information & record, please.
Thanking You

Yours faithfully,
For J K Cement Limited, Panna

Kapil Agrawal
(Unit Head)

Encl: As above



Corporate Office
• Prism Tower, Ninaniya Estate, Gwal Pahari,
Gurugram, Haryana - 122102, India
• +0124-6919000
• corpcem@jkcement.com



Manufacturing Units at:

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)
Jharli (Haryana) | Katni, Panna, Ujjain (M.P.) | Prayagraj, Aligarh, Hamirpur (U.P.)
Belasinor (Gujarat) | Buxar (Bihar) | Fujairah (UAE) | Ampavall, Choudwar (Odisha)



TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-287/2025-26

Issued Date : 05/02/2026

Lab Ref. No.: PIWMPL/LAB/4489/2025-26

Sampling Location: Gypsum Yard Area

Date & Time of Monitoring: 10/01/2026 - 09:30 hrs to 13:40 hrs

Date of Sample Receipt: 12/01/2026

Date of Start of Analysis: 12/01/2026

Date of Completion of Analysis: 16/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C	Max.- 26.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours	
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1597.22	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

- Note :**
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***** End of the test report*****

Page No: 1/1



S. Babyrani
Authorized Signatory:
S. Babyrani

PIWMPL/LAB/QRF/00/21.07.2022



TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-288/2025-26
 Issued Date : 05/02/2026
 Lab Ref. No.: PIWMPL/LAB/4499/2025-26

Sampling Location: Near Clinker Silo (Transfer Point) Area

Date & Time of Monitoring: 11/01/2026 - 09:20 hrs to 13:20 hrs

Date of Sample Receipt: 13/01/2026

Date of Start of Analysis: 13/01/2026

Date of Completion of Analysis: 16/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C Max.- 26.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.00 Hours
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1820.52	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

- Note :**
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***** End of the test report*****



Authorized Signatory:
 S. Babyrani

PIWMPL/LAB/QRF/00/21.07.2022





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TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-289/2025-26

Issued Date : 05/02/2026

Lab Ref. No.: PIWMPL/LAB/4511/2025-26

Sampling Location: Near Clinker Bulk Hopper Area

Date & Time of Monitoring: 22/01/2026 - 8:30 hrs to 12:30 hrs

Date of Sample Receipt: 24/01/2026

Date of Start of Analysis: 24/01/2026

Date of Completion of Analysis: 27/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C	Max.- 26.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.00 Hours	
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m3	1892.27	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

- Note :
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Page No: 1/1



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Authorized Signatory:
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PIWMPL/LAB/QRF/00/21.07.2022

Pithampur Industrial Waste Management Private Limited
(A Subsidiary of re Sustainability Limited)

CIN No. U90000TG2010PTC071919

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TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-290/2025-26

Issued Date : 05/02/2026

Lab Ref. No.: PIWMPL/LAB/4545/2025-26

Sampling Location: Near Packing Plant (Cement bags) Unloading Point Area

Date & Time of Monitoring:- 14/01/2026 - 09:40 hrs to 13:50 hrs

Date of Sample Receipt: 16/01/2026

Date of Start of Analysis: 16/01/2026

Date of Completion of Analysis: 20/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C Max.- 23.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	2120.89	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-291/2025-26
Issued Date : 05/02/2026
Lab Ref. No.: PIWMPL/LAB/4642/2025-26

Sampling Location: Near Cement Mill/ HAG Area

Date & Time of Monitoring:- 13/01/2026 - 13:00 hrs to 17:10 hrs

Date of Sample Receipt: 15/01/2026

Date of Start of Analysis: 17/01/2026

Date of Completion of Analysis : 19/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C	Max.- 26.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours	
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	2023.78	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-292/2025-26
Issued Date : 05/02/2026
Lab Ref. No.: PIWMPL/LAB/4695/2025-26

Sampling Location: Near Coal Mill Area

Date & Time of Monitoring: 12/01/2026 - 09:10 hrs to 13:20 hrs

Date of Sample Receipt: 14/01/2026

Date of Start of Analysis: 14/01/2026

Date of Completion of Analysis: 17/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C Max.- 23.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	755.24	2000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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PIWMPL/LAB/QRF/CO/21.07.2022

Pithampur Industrial Waste Management Private Limited
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Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-293/2025-26
Issued Date : 05/02/2026
Lab Ref. No.: PIWMPL/LAB/4731/2025-26

Sampling Location: Near Raw Mill Area

Date & Time of Monitoring: 13/01/2026 - 13:00 hrs to 17:10 hrs

Date of Sample Receipt: 15/01/2026

Date of Start of Analysis: 17/01/2026

Date of Completion of Analysis: 20/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C	Max.- 26.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours	
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m3	875.35	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No : PIWMPL/LAB/IKCL-294/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 05/02/2026

Dist. Panna, PIN- 488441

Lab Ref. No.: PIWMPL/LAB/4531/2025-26

Madhya Pradesh

Sampling Location: Near Coal Shed Area

Date & Time of Monitoring:- 15/01/2026 - 11:20 hrs to 15:25 hrs

Date of Sample Receipt: 17/01/2026

Date of Start of Analysis: 17/01/2026

Date of Completion of Analysis: 20/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C	Max.- 26.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.05 Hours	
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	ug/m3	830.52	2000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Pithampur Industrial Waste Management Private Limited
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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)	Report No : PIWMPL/LAB/JKCL-295/2025-26
Village- Harduwaken, Tehsil- Amanganj	Issued Date : 05/02/2026
Dist. Panna, PIN- 488441	Lab Ref. No.: PIWMPL/LAB/4577/2025-26
Madhya Pradesh	

Sampling Location: Near Raw Mill Shed Area

Date & Time of Monitoring: 13/01/2026 - 08:20 hrs to 12:25 hrs

Date of Sample Receipt: 15/01/2026

Date of Start of Analysis: 15/01/2026

Date of Completion of Analysis: 17/01/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 17.0 °C Max.- 26.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.05 Hours
Ref:5	Humidity:- Min.- 65% Max.- 71%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m3	1023.10	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Report No : PIWMPL/LAB/JKCL-431/2025-26

Village- Harduwaken, Tehsil- Amangan]

Issued Date : 05/03/2026

Dist. Panna, PIN- 488441

Lab Ref. No.: PIWMPL/LAB/S184/2025-26

Madhya Pradesh

Sampling Location: Gypsum Yard Area

Date & Time of Monitoring: 07/02/2026 - 09:45 hrs to 13:55 hrs

Date of Sample Receipt: 09/02/2026

Date of Start of Analysis: 09/02/2026

Date of Completion of Analysis: 11/02/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C	Max.- 29.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours	
Ref:5	Humidity:- Min.- 52% Max.- 65%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1678.67	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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PIWMPL/LAB/QRF/00/21.07.2022

Pithampur Industrial Waste Management Private Limited
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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)
 Village- Harduwaken, Tehsil- Amanganj
 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-432/2025-26
Issued Date : 05/03/2025
Lab Ref. No.: PIWMPL/LAB/5222/2025-26

Sampling Location: Near Clinker Silo (Transfer Point) Area

Date & Time of Monitoring: 09/02/2026 - 09:10 hrs to 13:15 hrs

Date of Sample Receipt: 11/02/2026

Date of Start of Analysis: 11/02/2026

Date of Completion of Analysis: 13/02/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C Max.- 29.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.05 Hours
Ref:5	Humidity:- Min.- 52% Max.- 65%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	2120.60	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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TEST REPORT

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-433/2025-26

Issued Date : 05/03/2026

Lab Ref. No.: PIWMPL/LAB/5329/2025-26

Sampling Location: Near Clinker Bulk Hopper Area

Date & Time of Monitoring: 14/02/2026 - 9:30 hrs to 13:35 hrs

Date of Sample Receipt: 16/02/2026

Date of Start of Analysis: 16/02/2026

Date of Completion of Analysis: 18/02/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C	Max.- 29.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.05 Hours	
Ref:5	Humidity:- Min.- 52% Max.- 65%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1989.28	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)			Report No : PIWMPL/LAB/JKCL-434/2025-26		
Village- Harduwaken, Tehsil- Amanganj Dist. Panna, PIN- 488441 Madhya Pradesh			Issued Date : 05/03/2026 Lab Ref. No.: PIWMPL/LAB/5277/2025-26		
Sampling Location: Near Packing Plant (Cement bags) Unloading Point Area					
Date & Time of Monitoring: 12/02/2026 - 10:05 hrs to 14:15 hrs			Date of Sample Receipt: 14/02/2026		
Date of Start of Analysis: 14/02/2026			Date of Completion of Analysis: 16/02/2026		
Other References :					
Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)		Ref:2	Ambient Temperature: Min.- 24.0 °C Max.- 29.0 °C	
Ref:3	Monitoring Carried out by: RESL Lab Team		Ref:4	Duration of Sampling: 04.10 Hours	
Ref:5	Humidity:- Min.- 52% Max.- 65%		Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01				
TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)					
Table 1 - Fugitive Emission Monitoring Result					
S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m3	2429.89	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022
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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-435/2025-26

Issued Date : 05/03/2026

Lab Ref. No.: PIWMPL/LAB/5459/2025-26

Sampling Location: Near Cement Mill/ HAG Area

Date & Time of Monitoring: 16/02/2026 - 13:15 hrs to 17:25 hrs

Date of Sample Receipt: 18/02/2026

Date of Start of Analysis: 18/02/2026

Date of Completion of Analysis : 20/02/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C Max.- 29.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours
Ref:5	Humidity:- Min.- 52% Max.- 65%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m3	2258.45	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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 Dist. Panna, PIN- 488441
 Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-436/2025-26
 Issued Date : 05/03/2026
 Lab Ref. No.: PIWMPL/LAB/5234/2025-26

Sampling Location: Near Coal Mill Area

Date & Time of Monitoring: 10/02/2026 - 09:25 hrs to 13:35 hrs

Date of Sample Receipt: 12/02/2026

Date of Start of Analysis: 12/02/2026

Date of Completion of Analysis: 14/02/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C Max.- 29.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours
Ref:5	Humidity:- Min.- 52% Max.- 65%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	699.55	2000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Report No : PIWMPL/LAB/JKCL-437/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 05/03/2026

Dist. Panna, PIN- 488441

Lab Ref. No.: PIWMPL/LAB/5250/2025-26

Madhya Pradesh

Sampling Location: Near Raw Mill Area

Date & Time of Monitoring: 11/02/2026 - 13:10 hrs to 17:10 hrs

Date of Sample Receipt: 13/02/2026

Date of Start of Analysis: 13/02/2026

Date of Completion of Analysis: 15/02/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C	Max.- 29.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.00 Hours	
Ref:5	Humidity:- Min.- 52%	Ref:6	General Environment Condition: Clear Sky	Max.- 65%
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1077.85	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Report No : PIWMPL/LAB/JKCL-488/2025-26
Issued Date : 05/03/2026
Lab Ref. No. : PIWMPL/LAB/5130/2025-26

Sampling Location: Near Coal Shed Area

Date & Time of Monitoring: 05/02/2026 - 10:30 hrs to 14:40 hrs

Date of Sample Receipt: 07/02/2026

Date of Start of Analysis: 07/02/2026

Date of Completion of Analysis: 09/02/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C Max.- 29.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours
Ref:5	Humidity:- Min.- 52% Max.- 65%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	937.52	2000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Village- Harduwakon, Tehsil- Amanganj	Issued Date : 05/03/2026
Dist. Panna, PIN- 488442	Lab Ref. No.: PIWMPL/LAB/5311/2025-26
Madhya Pradesh	

Sampling Location: Near Raw Mill Shed Area

Date & Time of Monitoring: 13/02/2026 - 09:40 hrs to 13:45 hrs **Date of Sample Receipt:** 15/02/2026

Date of Start of Analysis: 15/02/2026 **Date of Completion of Analysis:** 17/02/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C Max.- 29.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.05 Hours
Ref:5	Humidity:- Min.- 52% Max.- 65%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1451.77	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Report No : PIWMPL/LAB/JKCL-473/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

Lab Ref. No.: PIWMPL/LAB/5805/2025-26

Madhya Pradesh

Sampling Location: Gypsum Yard Area

Date & Time of Monitoring: 07/03/2026 - 09:20AM hrs to 13:20PM hrs

Date of Sample Receipt: 09/03/2026

Date of Start of Analysis: 09/03/2026

Date of Completion of Analysis: 10/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C	Max.- 33.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.00 Hours	
Ref:5	Humidity:- Min.- 26% Max.- 69%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1732.22	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Dist. Panna, PIN- 488441

Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-474/2025-26

Issued Date : 06/04/2026

Lab Ref. No.: PIWMPL/LAB/5838/2025-26

Sampling Location: Near Clinker Silo (Transfer Point) Area

Date & Time of Monitoring: 02/03/2026 - 09:25 hrs to 13:30 hrs

Date of Sample Receipt: 04/03/2026

Date of Start of Analysis: 04/03/2026

Date of Completion of Analysis: 05/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 25.0 °C	Max.- 32.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.05 Hours	
Ref:5	Humidity:- Min.- 29% Max.- 72%	Ref:6	General Environment Condition: Clear Sky	
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	2306.32	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.) Village- Harduwaken, Tehsil- Amanganj Dist. Panna, PIN- 488441 Madhya Pradesh	Report No : PIWMPL/LAB/JKCL-475/2025-26 Issued Date : 06/04/2026 Lab Ref. No.: PIWMPL/LAB/5855/2025-26
---	--

Sampling Location: Near Clinker Bulk Hopper Area

Date & Time of Monitoring: 19/03/2026 - 10:00 hrs to 14:05 hrs Date of Sample Receipt: 21/03/2026

Date of Start of Analysis: 21/03/2026 Date of Completion of Analysis: 23/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C Max.- 34.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.05 Hours
Ref:5	Humidity:- Min.- 32% Max.- 68%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	2123.44	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Village- Harduwaken, Tehsil- Amanganj
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Report No : PIWMPL/LAB/JKCL-476/2025-26

Issued Date : 06/04/2026

Lab Ref. No.: PIWMPL/LAB/5982/2025-26

Sampling Location: Near Packing Plant (Cement bags) Unloading Point Area

Date & Time of Monitoring:- 13/03/2026 - 09:35 hrs to 13:45 hrs

Date of Sample Receipt: 15/03/2026

Date of Start of Analysis: 13/03/2026

Date of Completion of Analysis: 15/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 22.0 °C Max.- 33.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours
Ref:5	Humidity:- Min.- 26% Max.- 74%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	2298.61	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Report No : PIWMPL/LAB/JKCL-477/2025-26

Issued Date : 06/04/2026

Lab Ref. No.: PIWMPL/LAB/6132/2025-26

Sampling Location: Near Cement Mill/ HAG Area

Date & Time of Monitoring:- 11/03/2026 - 11:45 hrs to 15:50 hrs.

Date of Sample Receipt: 13/03/2026

Date of Start of Analysis: 13/03/2026

Date of Completion of Analysis : 14/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C	Max.- 31.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.00 Hours	
Ref:5	Humidity:- Min.- 31%	Max.- 69%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01			

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	2078.30	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)	
Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)	Report No : PIWMPL/LAB/1KCL-478/2025-26
Village- Harduwaken, Tehsil- Amanganj Dist. Panna, PIN- 488441 Madhya Pradesh	Issued Date : 06/04/2026 Lab Ref. No.: PIWMPL/LAB/6221/2025-26

Sampling Location: Near Coal Mill Area	
Date & Time of Monitoring: 17/03/2026 - 10:10 hrs to 14:10 hrs	Date of Sample Receipt: 19/03/2026
Date of Start of Analysis: 19/03/2026	Date of Completion of Analysis: 22/03/2026
Other References :	
Ref:1 Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2 Ambient Temperature: Min.- 22.0 °C Max.- 33.0 °C
Ref:3 Monitoring Carried out by: RESL Lab Team	Ref:4 Duration of Sampling: 04.10 Hours
Ref:5 Humidity:- Min.- 33% Max.- 72%	Ref:6 General Environment Condition: Clear Sky
Ref:7 Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./issue:01	

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result					
S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m3	672.45	2000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

Note :

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S. Babyrani

Page No: 1/1

PIWMPL/LAB/GRF/00/21.07.2022

TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduwaken, Tehsil- Amanganj

Dist. Panna, PIN- 488441

Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-479/2025-26

Issued Date : 06/04/2026

Lab Ref. No.: PIWMPL/LAB/6292/2025-26

Sampling Location: Near Raw Mill Area

Date & Time of Monitoring: 17/03/2026 - 10:10 hrs to 14:15 hrs

Date of Sample Receipt: 19/03/2026

Date of Start of Analysis: 19/03/2026

Date of Completion of Analysis: 20/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 21.0 °C Max.- 32.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.05 Hours
Ref:5	Humidity:- Min.- 26% Max.- 73%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022; Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1204.21	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Page No: 1/1



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S. Babyrani

PIWMPL/LAB/QR/00/21.07.2022

Pithampur Industrial Waste Management Private Limited
[A Subsidiary of Re Sustainability Limited]

CIN No. U90000TG2010PTC071919

Registered Office:

Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
HITECH City Road, Hyderabad-500 081.
India.

Site Address:

Plot No 104, Industrial Area, Sector-II,
Pithampur, District Dhar - 454 775,
Madhya Pradesh,
India.

Certificate REG No : 44 100 20392865 (ISO 45001 : 2018)
Certificate REG No : 44 104 20392865 (ISO 9001 : 2015)
Certificate REG No : 44 126 20392865 (ISO 14001 : 2015)

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TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No : PIWMPL/LAB/JKCL-480/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2025

Dist. Panna, PIN- 488441

Lab Ref. No.: PIWMPL/LAB/5912/2025-26

Madhya Pradesh

Sampling Location: Near Coal Shed Area

Date & Time of Monitoring: 24/03/2026 - 09:20 hrs to 13:30 hrs.

Date of Sample Receipt: 26/03/2026

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 27/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 23.0 °C Max.- 32.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours
Ref:5	Humidity:- Min.- 32% Max.- 68%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	864.16	2000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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Page No: 1/1




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PIWMPL/LAB/QR/00/21.07.2022

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TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduwaken, Tehsil- Amanganj

Dist. Panna, PIN- 488441

Madhya Pradesh

Report No : PIWMPL/LAB/JKCL-481/2025-26

Issued Date : 06/04/2026

Lab Ref. No.: PIWMPL/LAB/6034/2025-26

Sampling Location: Near Raw Mill Shed Area

Date & Time of Monitoring: 14/03/2026 - 09:50 hrs to 14:00 hrs.

Date of Sample Receipt: 16/03/2026

Date of Start of Analysis: 16/03/2026

Date of Completion of Analysis: 19/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 25.0 °C Max.- 33.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.10 Hours
Ref:5	Humidity:- Min.- 49% Max.- 69%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.C.B)

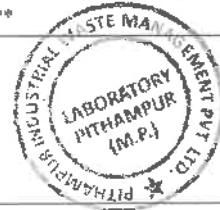
Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	1630.23	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

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***** End of the test report*****

Page No: 1/1




 Authorized Signatory:
S. Babyrani

PIWMPL/LAB/QR/00/21.07.2022

Pithampur Industrial Waste Management Private Limited
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J.K. Cement Works, Panna
A Unit of J.K. Cement Limited
CIN: L17229UP1994PLC017199

Village - Harduaken, Tehsil - Amanganj, Post Office - Purain
District - Panna, State - Madhya Pradesh, India - 488 441
jkc.panna@jkcement.com
www.jkcement.com

Ref: JKCEMENT/ENV/EMR/2025-26/20B/114

Date: 08.03.2026

To,

The Director

Impact Assessment Division (IA Division)
Ministry of Environment, Forest & Climate Change
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi-110003 INDIA.

Subject: Submission of Ground Water Quality Analysis Reports of J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (Madhya Pradesh) for the month of **January-2026**.

Reference No.: 1. General EC condition (Water quality monitoring and preservation) No.ii of EC File No. - IA-J-11011/224/2016-IAII (I) dated - 02.03.2022.

2. Mandatory Condition no-4&5 of CGWA NOC No. - CGWA/NOC/IND/REN/2/2024/10402 dated 30.12.2024.

Dear Sir,


With reference to the aforesaid subject & referee letters, please find herewith enclosed Ground Water Quality Analysis Report for the month of **January-2026** for J K Cement Ltd. located at Village - Devra, Harduaken, Puraina, Sotipura, Madaiyan, Tehsil - Amanganj District Panna (Madhya Pradesh) 488441.

This is for your kind information & record, please.

Thanking You

Yours faithfully,

For J K Cement Ltd., Panna


Kapil Agrawal
(Unit Head)

Encl: As above

CC to:-

1. The Add. Principal Chief Conservator of Forest (C) MoEF & CC, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal-462016.
2. Member Secretary, CGWA, Jamnagar House, 18/11, Man singh Road Area, New Delhi, Delhi-110001.
3. Regional Director, CGWB Regional Office, Block-1,4 th Floor, Paryawas Bhawan, Arera Hills, Bhopal.
4. Scientist E, Regional Directorate, CPCB Zonal Office, Vithal Market, Paryavaran Parisar, E-5, Arera Colony, Bhopal, M.P.
5. Member Secretary, MPPCB, E-5, Link Road No. 3, Ekant Park, Arera Colony, Bhopal, M.P.
6. Regional Officer, Regional Office MPPCB, Pt. Deen Dayal Nagar, Housing Board Colony, Sagar, M.P



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Manufacturing Units at:

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)
Jharli (Haryana) | Katni, Panna, Ujjain (M.P.) | Prayagraj, Aligarh, Hamirpur (U.P.)
Balsinor (Gujarat) | Buxar (Bihar) | Fujairah (UAE) | Ampavali, Choudwar (Odisha)





TC-11359

**TEST REPORT**

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD., (LABORATORY)

Issued to: M/s. J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No.: PIWMPL/LAB/JKCL-350/2025-26

Village- Harduwaken, Tehsil- Amangan
Dist. Panna, PIN- 488441
Madhya Pradesh

Issue Date of Test Report: 05/02/2026

ULR No.: TC113592600000401F

Lab Ref. No: PIWMPL/LAB/4580, 4581/2025-26

Sampling Location: Ground Water (Cement Plant) - Near Zero Point & Near HR Office

Nature of Sample: Ground Water

Packing Type: Unsealed

Date & Time of Sampling: 14/01/2026 at 10:30 Hours

Date of Receipt: 16/01/2026

Start Date of Analysis: 16/01/2026

End Date of Analysis: 27/01/2026

Other Details :

Ref:1 Sample Quantity: Each 5 Litre (Poly bottle)

Ref:2 Ambient Temperature: 23.5 °C

Ref:3 Sample Collected from Cement Plant : RESL Lab Team

Ref:4 Humidity: 56 %

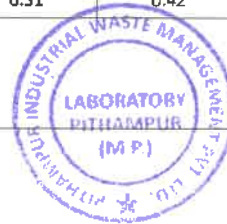
Ref:5 Sampling Protocol: PIWMPL/LAB/SOP/02

TEST LIMITS AS PER IS 10500 : 2012

Table 1 - Physical, Chemical & Microbiological Parameters

S. No.	Parameters	Unit	Test Method	Sampling Location		Requirement (Acceptable Limits)	Permissible Limit in the Absence of Alternate Source
				Near Zero Point	Near HR Office		
1	pH Value (at 25°C)	-	APHA 24 th Edition, 4500 H ⁺ B : 2023	7.34	7.71	6.5 to 8.5	No Relaxation
2	Colour	CU	APHA 24 th Edition, 2120 B : 2023 (Visual Comparison)	<1.0	<1.0	5	15
3	Temperature	°C	APHA 24 th Edition, 2550 B	24.0	25.0	-	-
4	Total Hardness, as CaCO ₃	mg/L	APHA 24 th Edition, 2340 C : 2023	400.0	390.0	200	600
5	Calcium, as Ca	mg/L	APHA 24 th Edition, 3500 Ca B : 2023	70.14	66.13	75	200
6	Alkalinity as CaCO ₃	mg/L	APHA 24 th Edition, 2320 B : 2023	125.0	115.0	200	600
7	Sodium as Na	mg/L	APHA 24 th Edition, 3500 Na B : 2023	53.65	48.15	-	-
8	Chloride, as Cl ⁻	mg/L	APHA 24 th Edition, 4500 Cl ⁻ B : 2023	251.94	261.73	250	1000
9	Residual free Chlorine	mg/L	APHA 24 th Edition, 4500 Cl B : 2023	<0.1	<0.1	0.2	1
10	Phosphate	mg/L	APHA 24 th Edition, 4500 P D : 2023	<0.3	<0.3	-	-
11	Magnesium as Mg	mg/L	APHA 24 th Edition, 3500 Mg B : 2023	54.68	32.56	30	100
12	Total Dissolved Solids	mg/L	APHA 24 th Edition, 2540 C : 2023	648.0	637.0	500	2000
13	Sulphate as SO ₄ ²⁻	mg/L	APHA 24 th Edition, 4500 SO ₄ ²⁻ D : 2023	58.04	61.23	200	400
14	Fluoride as F ⁻	mg/L	APHA 24 th Edition, 4500 F D : 2023	0.31	0.42	1.0	1.5

Page No. 1/2

Authorized Signatory-Chemical
(S. Babyrani)Pithampur Industrial Waste Management Private Limited
(A Subsidiary of Re Sustainability Limited)

CIN No. U90000TG2010PTC071919

Registered Office:

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Pithampur, District Dhar - 454 775,
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India.Certificate REG No : 23EQKR96 (ISO 9001 : 2015)
Certificate REG No : 23EEKW93 (ISO 14001 : 2015)
Certificate REG No : 23EOKE89 (ISO 45001 : 2018)

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TC-11359



Continuation Sheet - PIWMPL/LAB/IKCL-350/2025-26							
15	Nitrate as NO ₃	mg/L	APHA 24 th Edition, 4500 NO ₃ B : 2023	8.84	9.34	45	No Relaxation
16	Iron as Fe	mg/L	APHA 24 th Edition, 3111 B : 2023	<0.1	0.21	0.3	No Relaxation
17	Potassium as K	mg/L	APHA 24 th Edition, 3500 K B : 2023	7.23	5.18	-	-
18	Electrical Conductivity	µ mho/cm	APHA 24 th Edition, 2510 B : 2023	1053.0	1042.0	-	-
19	Zinc as Zn	mg/L	APHA 24 th Edition, 3111 B : 2023	<0.1	<0.1	5	15
20	Chemical Oxygen Demand	mg/L	APHA 24 th Edition, 5220 B : 2023	<5.0	<5.0	-	-
21	Bio Chemical Oxygen Demand 3 Days at 27 °C	mg/L	IS 3025 (Part 44) : 2019	<5.0	<5.0	-	-
22	Total Coliform	per 100 ml	PIWMPL/LAB/STP/56, Issue No.-1, Issue Date: 01.04.2024	Not Detected	Not Detected	Shall not be detectable in Any 100 ml sample	
23	E.Coll	per 100 ml	PIWMPL/LAB/STP/56, Issue No.-1, Issue Date: 01.04.2024	Not Detected	Not Detected		
Note: 1. The above results relate only to conditions prevailing at the time of sampling. 2. < refers to "Less Than".							
*****End of the test report*****							
 Authorized Signatory-Biological (Shradha Mishra)					 Authorized Signatory-Chemical (S. Babyrani)		
Page No. 2/2				PIWMPL/LAB/QRF/00/21.07.2022			

Pithampur Industrial Waste Management Private Limited
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CIN No. U90000TG2010PTC071919

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TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD., (LABORATORY)

Issued to: M/s. J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No.: PIWMPL/LAB/JKCL-350-I/2025-26

Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Issue Date of Test Report: 05/02/2026

Lab Ref. No: PIWMPL/LAB/4580, 4581/2025-26

Sampling Location: Ground Water (Cement Plant) - Near Zero Point & Near HR Office

Nature of Sample: Ground Water

Packing Type: Unsealed

Date & Time of Sampling: 14/01/2026 at 10:30 Hours

Date of Receipt: 16/01/2026

Start Date of Analysis: 16/01/2026

End Date of Analysis: 27/01/2026

Other Details :

Ref:1 Sample Quantity: Each 5 Litre (Poly bottle)

Ref:2 Ambient Temperature: 25.3 °C

Ref:3 Sample Collected from Cement Plant : RESL Lab Team

Ref:4 Humidity: 51 %

Ref:5 Sampling Protocol: PIWMPL/LAB/SOP/02

TEST LIMITS AS PER IS 10500 : 2012

Table 1 - Physical & Chemical Parameters

S. No.	Parameters	Unit	Test Method	Sampling Location		Requirement (Acceptable Limits)	Permissible Limit in the Absence of Alternate Source
				Near Zero Point	Near HR Office		
1	Odour	-	IS 3025 (Part 5) : 2018 Second Revision	Agreeable	Agreeable	Agreeable	Agreeable
2	Turbidity	NTU	APHA 24 th Edition, 2130 B : 2023	<1.0	<1.0	1	5
3	Boron as B	mg/L	IS 3025 (Part 57) : 2021	<0.1	<0.1	0.5	2.4
4	Hexavalent Chromium as Cr ⁶⁺	mg/L	APHA 24 th Edition, 3500 Cr B : 2023	<0.05	<0.05	0.05	No Relaxation
5	Nickel as Ni	mg/L	APHA 24 th Edition, 3111 B : 2023	<0.02	<0.02	0.02	No Relaxation
6	Copper as Cu	mg/L	APHA 24 th Edition, 3111 B : 2023	<0.05	<0.05	0.05	1.5
7	Lead as Pb	mg/L	APHA 24 th Edition, 3111 B : 2023	<0.01	<0.01	0.01	No Relaxation
8	Cadmium as Cd	mg/L	APHA 24 th Edition, 3111 B : 2023	<0.003	<0.003	0.003	No Relaxation
9	Mercury as Hg	mg/L	APHA 24 th Edition, 3112 B : 2023	<0.001	<0.001	0.001	No Relaxation
10	Phenolic Compound as C ₆ H ₅ OH	mg/L	APHA 24 th Edition, 5530 D : 2023	<0.001	<0.001	0.001	0.002

Note:
1. The above results relate only to conditions prevailing at the time of sampling.
2. < refers to "Less Than"

*****End of the test report*****



Babyrani
Authorized Signatory-Chemical
(S. Babyrani)

Page No. 1/1

PIWMPL/LAB/QRF/00/21.07.2022





TC - 11359



Test Report

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD.,(LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-486/2025-26

Village- Harduwaken, Tehsil- Amanganj

Dist. Panna, PIN- 488441

Madhya Pradesh

Issued Date : 06/04/2026

ULR No : TC1135926000001443F

Lab Ref. No: PIWMPL/LAB/6277/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Admin Building STP (Inlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST RESULTS

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	pH	-	8.10	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	165.0	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	192.0	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	65.0	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	Fecal Coliforms	MPN/100ml	530	APHA 24 th Edition, 9221 E : 2023

- Note :**
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Authorized Signatory-Biological
(Shraddha Mishra)

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Authorized Signatory-Chemical
S. Babyrani

PIWMPL/LAB/QR/00/21.07.2022

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Certificate REG No : 44 104 20392865 [ISO 9001 : 2015]
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TC - 11359



Test Report

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD.,(LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-487/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC113592600001444F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6278/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Admin Building STP (Outlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST LIMITS AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	pH	-	7.67	5.5 - 9.0	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	8.4	NMT 20	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	37.8	NMT 50	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	7.5	NMT 10	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	NMT 10	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	Fecal Coliforms	MPN/100ml	54	NMT 1000	APHA 24 th Edition, 9221 E : 2023

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Test Report

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-488/2025-26

Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Issued Date : 06/04/2026

ULR No : TC1135926000001445F

Lab Ref. No.: PIWMPL/LAB/6285/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Gate Complex STP (Inlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 24/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST RESULTS

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	pH	-	7.81	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	84.0	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	136.0	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	43.5	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	Fecal Coliforms	MPN/100ml	465	APHA 24 th Edition, 9221 E : 2023

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-489/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC1135926000001446F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6286/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Gate Complex STP (Outlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 29/01/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST LIMITS AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	pH	-	7.78	5.5 - 9.0	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	16.0	NMT 20	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	45.0	NMT 50	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	9.2	NMT 10	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	NMT 10	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	Fecal Coliforms	MPN/100ml	62	NMT 1000	APHA 24 th Edition, 9221 E : 2023

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-490/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC1135926000001447F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6269/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Project Office STP (Inlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST RESULTS

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	pH	-	7.10	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	154.0	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	172.0	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	61.5	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	Fecal Coliforms	MPN/100ml	405	APHA 24 th Edition, 9221 E : 2023

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Report No: PIWMPL/LAB/JKCL-491/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC1135926000001448F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6270/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Project Office STP (Outlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST LIMITS AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	pH	-	7.92	5.5 - 9.0	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	16.0	NMT 20	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	44.0	NMT 50	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	8.4	NMT 10	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	NMT 10	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	Fecal Coliforms	MPN/100ml	38	NMT 1000	APHA 24 th Edition, 9221 E : 2023

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Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC113592600001449F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6266/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : CCR Office STP (Inlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST RESULTS

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	pH	-	7.56	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	184.0	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	160.0	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	54.5	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	Fecal Coliforms	MPN/100ml	312	APHA 24 th Edition, 9221 E : 2023

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Report No: PIWMPL/LAB/JKCL-493/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC113592600001450F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6267/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : CCR Office STP (Outlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 24/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST LIMITS AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	pH	-	7.76	5.5 - 9.0	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	18.0	NMT 20	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	40.0	NMT 50	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	7.2	NMT 10	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	NMT 10	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	Fecal Coliforms	MPN/100ml	63	NMT 1000	APHA 24 th Edition, 9221 E : 2023

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Report No: PIWMPL/LAB/JKCL-494/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC1135926000001451F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6283/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Security Barrack STP (Inlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST RESULTS

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	pH	-	6.94	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	155.0	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	124.0	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	39.5	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	Fecal Coliforms	MPN/100ml	460	APHA 24 th Edition, 9221 E : 2023

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-495/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC1135926000001452F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6284/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Security Barrack STP (Outlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 24/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST LIMITS AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	pH	-	7.62	5.5 - 9.0	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	14.0	NMT 20	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	46.0	NMT 50	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	8.9	NMT 10	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	NMT 10	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	Fecal Coliforms	MPN/100ml	60	NMT 1000	APHA 24 th Edition, 9221 E : 2023

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TC - 11359



Test Report

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD.,(LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-496/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC1135926000001453F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6273/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Labour Colony STP (Inlet) (300KLD)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST RESULTS

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	pH	-	6.91	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	168.0	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	196.0	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	65.0	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	Fecal Coliforms	MPN/100ml	375	APHA 24 th Edition, 9221 E : 2023

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Test Report

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD.,(LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-497/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC1135926000001454F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6274/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Labour Colony STP (Outlet) (300KLD)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST LIMITS AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	pH	-	7.35	5.5 - 9.0	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	13.0	NMT 20	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	46.0	NMT 50	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	8.4	NMT 10	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	NMT 10	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	Fecal Coliforms	MPN/100ml	56	NMT 1000	APHA 24 th Edition, 9221 E : 2023

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Test Report

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD.,(LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-498/2025-26

Village- Harduwaken, Tehsil- Amanganj
Dist. Panna, PIN- 488441
Madhya Pradesh

Issued Date : 06/04/2026

ULR No : TC113592600001455F

Lab Ref. No.: PIWMPL/LAB/6275/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Guest House STP (Inlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST RESULTS

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	pH	-	7.34	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	94.0	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	116.0	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	35.9	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	5.8	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Test Method
1	Fecal Coliforms	MPN/100ml	290	APHA 24 th Edition, 9221 E : 2023

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Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD.,(LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No: PIWMPL/LAB/JKCL-499/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

ULR No : TC1135926000001456F

Madhya Pradesh

Lab Ref. No.: PIWMPL/LAB/6276/2025-26

Nature of Sample : Waste Water

Date of Sampling : 24/03/2026

Name of Sample : Guest House STP (Outlet)

Date & Time of Receipt : 26/03/2026 at 10:00 Hours

Date of Start of Analysis: 26/03/2026

Date of Completion of Analysis: 01/04/2026

Other References :

Ref:1 Sample Quantity : 02 Liters

Ref:2 Ambient Temperature : 25.0°C

Ref:3 Sample Collected By : RESL Lab Team

Ref:4 Humidity : 53%

TEST LIMITS AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Physical & Chemical Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	pH	-	7.65	5.5 - 9.0	APHA 24 th Edition; 4500 H ⁺ B : 2023
2	Total Suspended Solids (TSS)	mg/L	12.0	NMT 20	APHA 24 th Edition; 2540 D : 2023
3	Chemical Oxygen Demand (COD)	mg/L	44.0	NMT 50	APHA 24 th Edition; 5220 B : 2023
4	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	7.2	NMT 10	IS 3025 (Part-44) : 2023
5	Oil and Grease	mg/L	<4.0	NMT 10	APHA 24 th Edition; 5520 B : 2023

Table 2- MicroBiological Parameters

Sl. No	Parameters	Unit	Results	Limit	Test Method
1	Fecal Coliforms	MPN/100ml	44	NMT 1000	APHA 24 th Edition, 9221 E : 2023

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TEST REPORT

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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduwaken, Tehsil- Amanganj

Dist. Panna, PIN- 488441

Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-471/2025-26

Issued Date : 06/04/2026

ULR No : TC1135926000001437F

Lab Ref. No.: PIWMPL/LAB/5834, 5835, 5836, 5837/2025-26

Sampling Particulars : Ambient Noise Level Monitoring (Core Zone)

Date of Monitoring : 05/03/2026

Date of Completion of Monitoring: 07/03/2026

Other References :

Ref:1 Time of Measurement (Day Time) : 12:23 Hours

Ref:2 Monitoring Carried out by: RESL Lab Team

Ref:3 Time of Measurement (Night Time) : 22:39 Hours

Ref:4 Environmental Condition : Clear Sky

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1:- Noise Monitoring During Day Time

Sl. No	Monitoring Location	Unit	Maximum	Minimum	Result (Leq)	Limit	Method of Test
1	Near Zero Point Area	dB(A)	67.2	58.3	62.8	NMT 75	IS 9989 :1981
2	Near Reservoir	dB(A)	65.1	57.2	61.2	NMT 75	IS 9989 :1981
3	Near Sequirity barrak (Store)	dB(A)	68.3	60.4	64.4	NMT 75	IS 9989 :1981
4	Near Guest House Area	dB(A)	68.3	62.8	65.6	NMT 75	IS 9989 :1981

Table 2:- Noise Monitoring During Night Time

Sl. No	Monitoring Location	Unit	Maximum	Minimum	Result (Leq)	Limit	Method of Test
1	Near Zero Point Area	dB(A)	54.6	48.1	51.4	NMT 70	IS 9989 :1981
2	Near Reservoir	dB(A)	54.1	46.9	50.5	NMT 70	IS 9989 :1981
3	Near Sequirity barrak (Store)	dB(A)	59.2	47.5	53.4	NMT 70	IS 9989 :1981
4	Near Guest House Area	dB(A)	55.3	49.2	52.3	NMT 70	IS 9989 :1981

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 - Night Time shall mean from: 10:00 PM to 6:00 AM
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Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Village- Harduaken, Tehsil- Amanganj

Dist. Panna, PIN- 488441

Madhya Pradesh

Report No: PIWMPL/LAB/JKCL-472/2025-26

Issued Date : 06/04/2026

ULR No : TC1135926000001438F

Lab Ref. No: PIWMPL/LAB/5879, 5880,
5881/2025-26

Sampling Particulars : Ambient Noise Level Monitoring (Core Zone)

Date of Monitoring : 09/03/2026

Date of Completion of Monitoring: 11/03/2026

Other References :

Ref:1 Time of Measurement (Day Time) : 14:15 Hours Ref:2 Monitoring Carried out by: RESL Lab Team

Ref:3 Time of Measurement (Night Time) : 22:15 Hours Ref:4 Environmental Condition : Clear Sky

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.C.B)

Table 1:- Noise Monitoring During Day Time

Sl. No	Monitoring Location	Unit	Maximum	Minimum	Result (Leq)	Limit	Method of Test
1	Sotipura Village	dB(A)	52.6	43.7	48.2	NMT 55	IS 9989 :1981
2	Pagra Village	dB(A)	53.8	41.2	47.5	NMT 55	IS 9989 :1981
3	Harduaken Village	dB(A)	52.3	44.3	48.3	NMT 55	IS 9989 :1981

Table 2:- Noise Monitoring During Night Time

Sl. No	Monitoring Location	Unit	Maximum	Minimum	Result (Leq)	Limit	Method of Test
1	Sotipura Village	dB(A)	39.6	32.6	36.1	NMT 45	IS 9989 :1981
2	Pagra Village	dB(A)	41.7	36.8	39.3	NMT 45	IS 9989 :1981
3	Harduaken Village	dB(A)	42.8	38.1	40.5	NMT 45	IS 9989 :1981

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JK Cement Limited, Panna

Heat Stress Analysis Report

Key finding- Summarize the main take way from the analysis. This include

- Identification of specific area with high heat stress potential e.g. kiln zone and clinker cooler
- Evaluation of work practice that contribute to worker heat stress.
- Assessment of current control measure and their effectiveness.

Criteria-

Physiological test- As per factory act in house medical examination facilities available in our OHC to workers and operators.

Working guideline of heat stress-

1.Walk around inspection- During the walk around inspection we determine the building and operation characteristics whether engineering control are functional properly.

2.Work load assessment- To determine under condition of high temp and heavy work load activity.

3.Cool rest area- Shelter room available at kiln zone with all the facilities (like: water cooler ,fans, good sitting place) are available for the prevention of heat stress.

Sampling method-

During inspection of the heat area of plant we have to done the method of measurement of body temperature, environment measurement, **wet bulb glob temperature index** and another thermal index are available and worked properly as per guideline and factory act.

Engineering controls

There are five major type of engineering control to be followed to reduce heat stress in hot working environment.

- 1.**General ventilation**
2. **Air cooling**
3. **Air conditioning**
4. **Local air cooling**

5. Fans

1. **General ventilation**- in our plant we have used to dilute hot air with cooler air.
2. **Air treatment**- we have air Treatment facilities with different from of ventilation because it reduces the temperature of air by removing heat from air.
3. **Air conditioning**- in our plant we have used method of air cooling but it is expensive to install and operate.
4. **local air cooling**- in our plant we have providing local Air-cooling facilities. It can be effective in reducing air temperature is specific areas.
5. **fans**- another way to reduce heat stress is to increase the air flow or convection using fans (as long as the air temperature is less than the worker skin temperature)

Fluid replace arrangement-

We have providing Cooling drinking water and other cooling liquid like glucose and energy drink electrolytes is available near rest room to encourage them to drink small amount frequently, e.g. one cup every 20 minutes and 10-12 liter of water intake advisable.

Fluid replacement strategies are primarily designed to counter dehydration and electrolytes loss.

Administrative controls

Following administrative controls to be follow to reduce heat stress.

1. Reduce the physical demands of work e.g. excessive lifting and heavy object.
2. Provided recovery area like air conditioning room
3. Scheduled shifts e.g. early morning, day shift and night work
4. Used relief workers
5. Pre -employment medical examination with physical fitness.

Continues improvement-

- Regular reviewing WBGT reading and worker feedback.
- Updating control measure needed based on changing condition or new technology.

Good work Practice-

- We have providing good work practice training for the prevention of heat stress to the workers and operators.
- **As per NIOSH (1986)** state conduct good heat stress training program include:
 - A. Providing Knowledge of the hazard of heat stress
 - B. Providing Awareness of first aid procedure for potential health effect of heat stroke

- C. Providing good practice for using of protecting cloths and equipment. **(heat resistance suit)**
- D. Provide awareness to using danger drugs during and alcohol in hot work environment.
- E. We have provided emergency & medical facilities 24*7 hours at our plant premise's with ambulance facilities.



**Submitted by-
Dr. Pradeep kumar Sharma
MBBBS (AFIH)
Reg. no. 10156**

चन्द्रबदन तिवारी - आवेदक
विमट्ट

वीरेंद्र राय एवं अन्य - अनावेदक

II-156
c.J.

Order sheet [Contd]

Case No. of 20.....

Date of order or Proceeding	Order or proceeding with signature of Presiding Officer	Signature of parties or pleaders where necessary
05.12.2020	<p>आवेदक चन्द्रबदन तिवारी उपस्थिति। अनावेदक क्रमांक 01 व 02 अनुपस्थित। अनावेदक क्रमांक 03 व 04 की ओर से श्री मृणाल सिंह उपस्थित। अनावेदक क्रमांक 05 की ओर से श्री आर.के. निगम अधिवक्ता उपस्थित।</p> <p>इस अधिनिर्णय द्वारा आवेदन पत्र एवं अतिरिक्त आवेदन पत्रों का निराकरण किया जा रहा है।</p> <p>आवेदन पत्र संक्षेप में इस प्रकार है कि सीमेन्ट प्लान्ट हरदुआकेन, पुरैना, सोतीपुरा, मडैयन, ककरा, कमताना, सप्टाई, जूडी, देवरी पुरोहित एवं देवरा के किसानों के हितों को अनदेखा कर उनकी जमीनों के भुगतान करने में भिन्नता रखी गयी है तथा लोक सुनवाई दिनांक 17.07.2019 नियमानुसार न की जाकर प्रस्तुत अपत्ति व सुझाव पर कोई कार्यवाही नहीं की गयी है। भारत सरकार के पर्यावरण एवं वन मंत्रालय द्वारा जारी नोटिफिकेशन के अनुसार ही पर्यावरण स्वीकृति की पात्रता है, जिसका अनावेदकगण द्वारा कोई पालन नहीं किया गया है। एकपक्षीय जन सुनवाई दिनांक 17.07.2019 को निरस्त किया जाये।</p> <p>अनावेदक क्रमांक 01 व 02 की ओर से जवाब संक्षेप में इस प्रकार है कि क्षेत्रीय कार्यालय सागर द्वारा लोक सुनवाई की संपूर्ण कार्यवाही भारत सरकार के नोटिफिकेशन दिनांक 14.09.2006 के प्रावधानानुसार बोर्ड मुख्यालय भोपाल से प्राप्त निर्देशों के परिपेक्ष्य में अपर कलेक्टर पन्ना की अध्यक्षता में सपन्न की गयी है। कार्यालय द्वारा पूरी पारदर्शिता अपनाते हुए कार्यवाही पूर्ण की गयी है। आवेदक के आरोप सत्य नहीं है।</p> <p>अनावेदक क्रमांक 03 व 04 की ओर से जवाब संक्षेप में इस प्रकार है कि लोक जनसुनवाई जनता के हितों को नजर अंदाज कर एक पक्षीय रूप से नहीं</p>	

की गयी है। पर्यावरणीय स्वीकृति हेतु लोक जनसुनवाई दिनांक 17.07.2019 को ग्राम देवरा तहसील अमानगंज जिला पन्ना में अपर कलेक्टर जिला पन्ना की अध्यक्षता में संपन्न हुई है। आवेदक द्वारा लगाये गये कथित आरोप पूर्णतः बिना किसी आधार के मात्र काल्पनिक है जो व्यक्तिगत हित को लेकर लेख किये गये हैं। आवेदक द्वारा जिस प्रकार का विवाद अध्यक्ष महोदय के समक्ष प्रस्तुत किया है उक्त विवाद विधिक सेवा प्राधिकरण (संशोधन) अधिनियम 2000 की धारा 22 (ख) के अन्तर्गत नहीं आता है। मेसर्स जेकेसेम(सेन्ट्रल) लिमिटेड कंपनी को जो कि कंपनी अधिनियम 1956 के अन्तर्गत रजिस्टर्ड है, से कथित विवाद जिस प्रकार लेख किया गया है उस कंपनी की संपत्ति का मूल्य दस लाख रुपये से भी बहुत अधिक है, इस कारण भी विधिक सेवा प्राधिकरण अधिनियम(संशोधन) 2000 की धारा 22(ग) के परंतुक 1 के अन्तर्गत भी आवेदन प्रचलन योग्य नहीं है। हस्तगत प्रस्तुत आपत्तियां भारत सरकार पर्यावरण वन एवं जल-वायु परिवर्तन मंत्रालय नई दिल्ली के समक्ष विचारणीय है। फलतः आवेदन पत्र आधारहीन तथा स्थाई लोक अदालत के समक्ष पोषणीय न होने से खारिज किया जावे।

अनावेदक क्रमांक 05 की ओर से जवाब संक्षेप में इस प्रकार है कि लोक सुनवाई दिनांक 17.07.2019 को ग्राम पंचायत देवरा में अपर कलेक्टर पन्ना एवं क्षेत्रीय अधिकारी प्रदूषण नियंत्रण बोर्ड सागर द्वारा जन सामान्य द्वारा प्रस्तुत आपत्तियों एवं सुझाव प्राप्त कर की गयी और उनके द्वारा पर्यावरण एवं वन एवं जल-वायु परिवर्तन मंत्रालय भारत सरकार नई दिल्ली को प्रतिवेदन प्रेषित किया गया। पर्यावरण वन एवं जल-वायु परिवर्तन मंत्रालय भारत सरकार द्वारा पर्यावरण स्वीकृति के संबंध में अंतिम निर्णय लिया जाना है। लोक सुनवाई पर्यावरण स्वीकृति संबंधी प्रारंभिक तथा अंतरिम कार्यवाही है। आवेदन पत्र में जो तथ्य प्रश्नगत किया गया है उसका कोई आचित्य व आधार नहीं है। फलतः आवेदन पत्र निरस्त किया जावे।

आवेदक की ओर से इस आशय का भी अंतरिम आवेदन पत्र प्रस्तुत है कि अनावेदक क्रमांक 03 व 04 से जेकेसेम(सेन्ट्रल) सीमेन्ट प्लांट का संपूर्ण नक्शा तलब कराया जावे।

अनावेदक क्रमांक 03 व 04 की ओर से जवाब संक्षेप में इस प्रकार है कि आवेदक दस्तावेज की मांग नहीं कर सकता है। प्रकरण की प्रचलनशीलता के संबंध में अपत्ति पूर्व से उल्लेखित है। फलतः आवेदन पत्र निरस्त किया जावे।

आवेदक की ओर से इस आशय का भी अंतरिम आवेदन पत्र प्रस्तुत है कि अनावेदकगण द्वारा आवासीय क्षेत्र व उत्खन्न क्षेत्र के वास्तविक तथ्यों को परियोजना व जवाब में छिपाया गया है। प्रकरण की अंतिम सुनवाई के पूर्व तथ्यों की जांच कराई जाकर, विधिक सम्यक कार्यवाही किये जाने का निवेदन किया।

अनावेदक क्रमांक 03 एवं 04 की ओर से जवाब संक्षेप में इस प्रकार है कि आवेदन पूर्णतः झूठा व बनावटी है। आवेदक येनकेन प्रकार प्रकरण को लंबित रखना चाहता है। आवेदक को किसी भी प्रकार की जांच इस फोरम में कराये जाने की अधिकारिता नहीं है। भारत सरकार पर्यावरण एवं वन मंत्रालय द्वारा जन सुनवाई दिनांक 17.07.2019 को सही पाकर पर्यावरणीय स्वीकृति दी गयी है। आवेदन पत्र सारहीन होने से निरस्त किया जावे।

अनावेदक क्रमांक 05 की ओर से जवाब संक्षेप में इस प्रकार है कि आवेदन पत्र के पद क्रमांक 01, 02, 03 में वर्णित तथ्य पूर्णतः मिथ्या व बनावटी है। आवेदक द्वारा प्रस्तुत मूल आवेदन पत्र प्रचलनशील नहीं है। आवेदक द्वारा आवेदन पत्र मूलरूप से पर्यावरण स्वीकृति के संबंध में की गई लोक सुनवाई दिनांक 17.07.2019 के संबंध में प्रस्तुत किया गया, जो इस फोरम में सुनवाई योग्य नहीं है। पर्यावरण स्वीकृति भी दी जा चुकी है। फलतः आवेदन पत्र सारहीन होने से निरस्त किया जावे।

अभिलेख से यह प्रकट है कि अनावेदकगण की ओर से आवेदक की ओर से प्रस्तुत आवेदन पत्र की प्रचलनशीलता पर अपत्ति की गयी है, उक्त परिप्रेक्ष्य में सर्वप्रथम प्रकरण की प्रचलनशीलता पर विचार किया जाना और उसका निराकरण किया जाना विधिसम्मत प्रतीत होता है।

आवेदक की ओर से प्रचलनशीलता पर लिखित तर्क प्रस्तुत किये गये हैं एवं अनावेदकगण की ओर से मौखिक तर्क प्रस्तुत किये गये हैं। आवेदक ने यह लिखित तर्क किया है कि उक्त विवाद आवास और भू-संपदा के विवाद से संबंधित हैं जो विधिक सेवा प्राधिकरण अधिनियम 1987 की धारा 22 बी. में

आवास और भू-संपदा सेवा के विवाद में शामिल है।

अभिलेख का अवलोकन व परिशीलन किया गया एवं लिखित व मौखिक तर्कों पर विचार किया गया।

विधिक सेवा प्राधिकरण अधिनियम 1987 की धारा 22 ए(बी) के आधीन निम्नांकित लोकोपयोगी सेवाएं निहित हैं-

1. हवा, सड़क अथवा जल के द्वारा यात्रियों अथवा माल के लिए परिवहन सेवा या
2. पोस्टल, टेलीफोन या दूरभाष सेवा या
3. किसी भी स्थापना द्वारा जनता को विद्युत प्रकाश या जल की आपूर्ति या
4. सार्वजनिक संरक्षण या स्वच्छता की प्रणाली या
5. अस्पताल या डिस्पेंसरी में सेवा या
6. बीमा सेवा या
7. आवासीय और संपदा या
8. बैंकिंग एवं वित्त

आवेदन पत्र के तथ्यों से यह प्रकट है कि आवेदक लोक जन सुनवाई दिनांक 17.07.2019 की कार्यवाही को विधिरांगत न बताते हुए उक्त कार्यवाही को निरस्त कराना चाहता है और भारत सरकार के पर्यावरण वन मंत्रालय के नोटिफिकेशन का पालन कराना चाहता है। आवेदन पत्र के तथ्यों से पक्षकारों के मध्य आवासीय और संपदा के संबंध में विवाद होना प्रथम दृष्टया प्रतीत नहीं होता है। सेवा प्रदाता की कमी का कोई मामला हो ऐसा भी आवेदन पत्र में लेख नहीं है।

लोकोपयोगी लोक अदालत को विधिक सेवा प्राधिकरण अधिनियम की धारा 22 क(ख) में वर्णित सेवाओं से उत्पन्न विवाद/मामलों की सुनवाई की क्षेत्राधिकारिता है। अभिलेख से यह प्रकट है कि लोक जन सुनवाई दिनांक 17.07.2019 के परिप्रेक्ष्य में पर्यावरण स्वीकृति प्रदाय की गयी है। आवेदक द्वारा लोक जनसुनवाई को चुनौती दी गयी है। अभिलेख पर जो साक्ष्य है उससे प्रथम दृष्टया ऐसा दर्शित नहीं होता है कि पक्षकारों के मध्य अधिनियम की धारा 22 क(ख) में वर्णित सेवाओं से उत्पन्न विवाद/मामला है। उक्त परिप्रेक्ष्य में इस प्रकम पर आवेदक की ओर से प्रस्तुत आवेदन पत्र नक्शा तलब कराये जाने व तथ्यों की जांच कराये जाने का भी कोई आधार दर्शित नहीं होता है।

उपरोक्तानुसार आवेदन पत्रों का निराकरण किया जाता है।

उभय पक्षकारण को अधिनिर्णय की सत्य प्रति निःशुल्क प्रदाय की जावे।

प्रकरण का परिणाम पंजी में दर्ज कर प्रकरण नियमानुसार जमा किया जावे।

सही/-

(सदस्य)

स्थाई लोक अदालत
लोक उपयोगी सेवा

सही/-

(सदस्य)

स्थाई लोक अदालत
लोक उपयोगी सेवा

सही/-

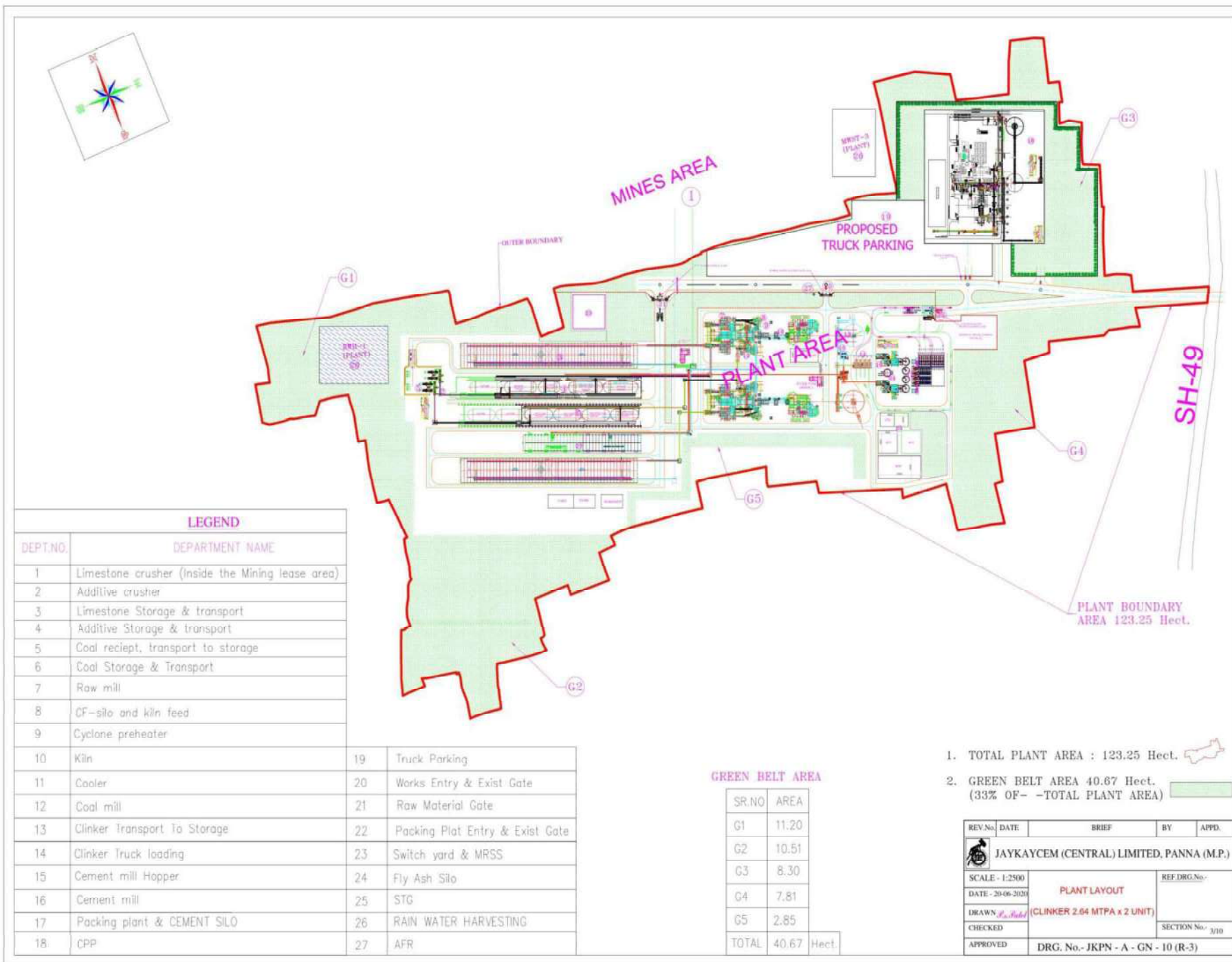
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स्थाई लोक अदालत
लोक उपयोगी सेवा

सत्य जति लि. लि.
5/12/2020
अध्यक्ष
लोक उपयोगी सेवाएं
पन्ना (म.प्र.)

Jaykaycem (Central) Limited, Tehsil: Amanganj, District: Panna (MP)
Revised Plant Layout as per EC Conditions

Annexure-8



SOCIO-ENVIRONMENTAL MITIGATION MEASURES

River Crossing Mitigation Measures

- A regular maintenance schedule will be implemented, and areas around the OLBC will be inspected and stabilized using native vegetation to prevent soil erosion and sediment runoff into the river.
- Surface water samples will be tested for both upstream and downstream of the OLBC to detect and allow for a quick response to any potential contamination originating from the structure.
- A strict waste management protocol will be followed. Designated waste collection points will be set up, and a scheduled removal plan will be followed to ensure no debris enters the river system.
- Regular maintenance of the OLBC will be done to keep the noise level low.
- Regular inspections and maintenance will be performed to ensure the OLBC remains in good visual condition. This includes cleaning and repainting to prevent it from becoming a long-term eyesore.
- The area around the OLBC will be kept safe for both our staff and the public. This will be accomplished through clear signage, necessary fencing, and regular structural integrity checks.
- An open line of communication with local communities will be maintained throughout the operational phase. A dedicated point of contact for concerns will be provided, and information about all maintenance activities will be shared.
- The hiring of local residents for all maintenance and inspection roles during the operational phase will be prioritized to provide economic benefits to the community.

SOCIO-ENVIRONMENTAL MITIGATION MEASURES

Road Crossing Mitigation Measures

- The OLBC's design will be maintained throughout its operational life to ensure it continues to facilitate a clear and unimpeded path for vehicles.
- Regular inspections will be conducted to verify that the structure's height of at least 8 meters and its pillars, positioned a minimum of 15 meters from the road's center, are not compromised.
- The OLBC will be operated to its full capacity to minimize the need for road-based transportation of materials to reducing road congestion and vehicular emissions, thereby contributing to a safer and more environmentally friendly transportation system for the local community.
- A comprehensive safety protocol will be implemented during the operational phase. This includes routine structural integrity checks of the OLBC and its supports to prevent any potential risks to road users and the public. Any necessary maintenance will be scheduled and executed with minimal disruption to traffic.
- All applicable environmental regulations and safety standards will be strictly adhered to during the OLBC's operational phase.
- We are committed to ensuring that the road and the surrounding environment are not negatively impacted. Waste generated during maintenance will be managed under strict environmental protocols.
- After any maintenance work is performed, the site will be restored to its original condition. This includes cleaning up any debris and ensuring that the integrity of the road and surrounding landscape is fully preserved. This commitment to restoration is an integral part of our operational plan.

Standard Operating Procedure (SOP) for Housekeeping

Objective:

To maintain a clean, safe, and organized work environment across the plant, ensuring operational efficiency, compliance with health, safety, and environmental standards, and a positive workplace culture.

Scope:

This SOP applies to all areas of the integrated cement plant, including raw material handling, processing units, workshops, storage areas, offices, and common areas.

Responsibilities:

1. **Plant Manager**
 - Overall accountability for housekeeping standards across the plant.
 - Allocates resources and supervises implementation.
 2. **Area In-Charges (Department Heads)**
 - Ensure housekeeping practices are followed in their respective areas.
 - Conduct regular inspections and address housekeeping issues.
 3. **Housekeeping Team/Operators**
 - Perform daily cleaning activities as per schedule.
 - Report any unsafe conditions or housekeeping challenges to the area in-charge.
 4. **All Employees**
 - Maintain cleanliness of personal workspaces.
 - Adhere to waste disposal and material handling guidelines.
-

Procedures:

1. Daily Cleaning Activities:

- **Production Areas (e.g., Crushers, Kilns, Mills):**
 - Clear spillage of raw materials, clinker, and cement.
 - Clean all walkways, platforms, and staircases to remove dust, grease, and other debris.
- **Control Rooms and Offices:**
 - Dust off equipment, desks, and furniture.
 - Empty waste bins and ensure proper disposal.
- **Workshops and Maintenance Areas:**
 - Store tools and equipment in designated locations after use.

- Wipe down machinery and clean oil or grease spills immediately.
- **Common Areas (e.g., Cafeterias, Washrooms):**
 - Sanitize surfaces, replenish supplies, and ensure waste bins are emptied.

2. Weekly Cleaning Activities:

- Deep cleaning of production and storage areas.
- Remove accumulated dust from high elevations like roofs, beams, and ducts.
- Inspect and clean drainage systems to prevent blockages.

3. Waste Management:

- Segregate waste into designated bins (e.g., hazardous, non-hazardous, recyclable).
- Transport waste to the appropriate disposal or recycling facility as per environmental norms.

4. Material Storage:

- Store raw materials, spare parts, and finished products in designated areas to prevent clutter.
- Maintain proper labeling and inventory systems.

5. Spillage Management:

- Immediately address any spillage of raw materials, fuel, or hazardous substances.
- Use designated cleaning tools and PPE for handling hazardous spillage.

6. Equipment and Tools Maintenance:

- Clean tools and machinery after each use.
- Report and repair any damaged tools to prevent further issues.

7. Dust Suppression:

- Use water sprays, dust collectors, or extraction systems in areas prone to dust generation.
- Inspect and maintain dust suppression equipment regularly.

Inspection and Monitoring:

- Conduct daily inspections by area in-charges to check for compliance.
 - Maintain a housekeeping checklist for each area.
 - Document findings and corrective actions in housekeeping logs.
-

Safety Measures:

- Ensure all employees wear appropriate PPE during cleaning activities.
 - Use caution signage in areas being cleaned to prevent accidents.
 - Store cleaning chemicals and equipment safely and as per guidelines.
-

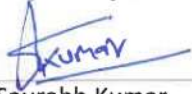
Training and Awareness:

- Conduct regular training sessions for employees on housekeeping practices.
 - Display housekeeping and safety instructions prominently in work areas.
-


Review and Continuous Improvement:

- Review housekeeping practices periodically to identify areas for improvement.
- Gather feedback from employees to enhance procedures.


Prepared by:


Dr. Saurabh Kumar
(Environment Head)

Checked by:


Mr. Arpan Parekh
(Technical Head)

Approved by:


Mr. Kapil Agrawal
(Unit Head)



TEST REPORT

Issued from: PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to: J.K. Cement Works, Panna (A Unit of JK Cement Ltd.)

Report No : PIWMPL/LAB/JKCL-477/2025-26

Village- Harduwaken, Tehsil- Amanganj

Issued Date : 06/04/2026

Dist. Panna, PIN- 488441

Lab Ref. No.: PIWMPL/LAB/6132/2025-26

Madhya Pradesh

Sampling Location: Near Cement Mill/ HAG Area

Date & Time of Monitoring:- 11/03/2026 - 11:45 hrs to 15:50 hrs.

Date of Sample Receipt: 13/03/2026

Date of Start of Analysis: 13/03/2026

Date of Completion of Analysis : 14/03/2026

Other References :

Ref:1	Nature of Sample: Fugitive Emission Monitoring (Core Zone)	Ref:2	Ambient Temperature: Min.- 24.0 °C Max.- 31.0 °C
Ref:3	Monitoring Carried out by: RESL Lab Team	Ref:4	Duration of Sampling: 04.00 Hours
Ref:5	Humidity:- Min.- 31% Max.- 69%	Ref:6	General Environment Condition: Clear Sky
Ref:7	Sampling Protocol: PIWMPL/LAB/SOP-45/2022: Rev./Issue:01		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1 - Fugitive Emission Monitoring Result

S. No.	Parameters	Unit	Result	Limit	Method of Test
1	Suspended Particulate Matter (SPM)	µg/m ³	2078.30	5000	PIWMPL/LAB/STP/12, Issue No.1, Issue Date: 22.07.2022

- Note :
- The above results relate only to conditions prevailing at the time of sampling.
 - Statement of conformity to a specification or standard is given only on the request of customer.
 - The report cannot be reproduced in part or in full without the permission of Pithampur Industrial Waste Management Pvt. Ltd.

***** End of the test report*****

Page No: 1/1




 Authorized Signatory:
 S. Babyrani

PIWMPL/LAB/QRF/00/21.07.2022

Pithampur Industrial Waste Management Private Limited
 [A Subsidiary of Re Sustainability Limited]

CIN No. U90000TG2010PTC071919

Registered Office:

Level 11B, Aurobindo Galaxy,
 Hyderabad Knowledge City,
 Hitech City Road, Hyderabad-500 081.
 India.

Site Address:

Plot No 104, Industrial Area, Sector-II,
 Pithampur, District Dhar - 454 775,
 Madhya Pradesh,
 India.

Certificate REG No : 44 100 20392865 [ISO 45001 : 2018]
 Certificate REG No : 44 104 20392865 [ISO 9001 : 2015]
 Certificate REG No : 44 126 20392865 [ISO 14001 : 2015]

T: 7067678811,12,13

E: mbdmpwmp@resustainability.com

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J.K. Cement Works, Panna

A Unit of J.K. Cement Limited

CIN: L17229UP1994PLC017199

Village - Harduwaken, Tehsil - Amanganj, Post Office - Puraina
District - Panna, State - Madhya Pradesh, India - 488 441

jkc.panna@jkcement.com

www.jkcement.com

Ref No: JKCEMENT/ENV.?EC/PLANT/2025-26/01/26

Date:07.03.2026

To,

The Director (Industry-1)-IA Division,
Ministry of Environment, Forest and Climate Change,
Govt. of India, Indira Paryavaran Bhavan,
Jorbag Road, New Delhi ~ 110003.

Subject: Intimation regarding the operationalization of the Over Land Belt Conveyor (OLBC) for limestone transportation from the Koni-Simariya Limestone Mine to Cement Plant for JK Cement Limited, Panna located at Villages: Devra, Hardua, Puraina, Sotipura & Madaiyan, Tehsil: Amanganj, District: Panna, Madhya Pradesh.

Reference: Amendment in EC vide file No.: IA-J-11011/224/2016-IA-II(I), Dated 10/10/2025

Respected Sir,

With reference to the Environmental Clearance granted for the Koni-Simariya Limestone Mine and integrated Cement Plant, we are pleased to intimate that the Over Land Belt Conveyor (OLBC) has been successfully commissioned and operationalized within the stipulated timeline of Feb' 2026.

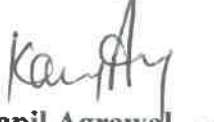
The OLBC system has been established as the primary and permanent mode for transporting crushed limestone from the Koni-Simariya Limestone Mine to the Cement Plant. This transition aligns with our commitment to the environmental conditions stipulated in the EC amendment. While the system is currently in its stabilization phase to ensure long-term mechanical efficiency, we have integrated necessary operational redundancies. To ensure the safety of the plant and prevent sudden operational halts, road transport may be sparingly utilized only as a temporary fallback during unforeseen mechanical exigencies in the OLBC system.

We have enclosed photographs of the commissioned and operational OLBC for your kind perusal and records.

Thanking you,

Yours Faithfully,

For JK Cement Ltd.


Kapil Agrawal
(Unit Head)



Corporate Office

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Gurugram, Haryana - 122102, India

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Manufacturing Units at:

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)

Jharli (Haryana) | Katni, Panna, Ujjain (M.P.) | Prayagraj, Aligarh, Hamirpur (U.P.)

Balasinor (Gujarat) | Buxar (Bihar) | Fujairah (UAE) | Ampavali, Choudwar (Odisha)



OLBC System (Koni-Simariya Limestone Mine to Cement Plant)

