

Ref. No. JK/Jharli/PC/ JKJharli/PC/1039

Dated – 07th Nov, 2025

To,
 The Deputy Director General of Forests (C),
 Ministry of Env., Forest and Climate Change,
 Integrated Regional Office, Bays No. 24-25,
 Sector 31 A, Dakshin Marg,
 Chandigarh – 160030, Haryana
 E mail: ronz.chd-mef@nic.in

Sub: Submission of the Six-Monthly Compliance Report of stipulated conditions in the Environmental Clearance granted for Clinker Grinding Unit of Capacity 2.0 MTPA of M/s. J.K. Cement Works at Jharli, Jhajjar Haryana for the period: April-2025 to September 2025.

Ref: - EC granted by SEIAA vide letter No. SEIAA/HR/2013/647 dated 04.09.2013.

Dear Sir,

This is context to the above subject & reference, we are submitting herewith the Six-Monthly Compliance Report of stipulated conditions in Environmental Clearance granted by SEIAA, Panchkula (Haryana) for Clinker Grinding Unit of Capacity 2.0 MTPA of M/s. J.K. Cement Works at Jharli, Jhajjar Haryana for the period: April-2025 to September 2025 as per the above reference EC letter. In compliance with MoEF & CC O.M. dated 18.07.2022 we are also submitting a report on measures taken for spreading awareness on Single Use Plastic Ban in project area as well as surrounding area along with photographs.

As per MoEF & CC notification vide No.: S.O. 5845(E) dated 26.11.2018 regarding to submit the Environment Clearance Compliance Report in soft copy only and in compliance to the same, we are hereby submitting the EC Compliance through e-mail for your kind reference and record please.

We trust, your good self will find the same in order.

Thanking you,

Yours faithfully,

For J. K. Cement Works, Jharli
(A Unit of J. K. Cement Ltd.)


Gopal Gupta
 (Unit Head)

Encl. As above.

C.C. : 1. The Member Secretary, HSPCB, Panchkula, Haryana E mail: hspcbms@gmail.com
 2. The Regional Officer, HSPCB, SCF No. 42 & 43, Shopping Centre, Sector-6, Huda, Bahadurgarh, 124507 Bahadurgrh, Haryana E mail: hspcrob@hspcb.org.in
 3. The Member Secretary, State Level Environment Impact , Assessment Authority, Bay No. 55-58, 1st floor, Paryatan Bhawan, Sector-2 Panchkula, Haryana-21 , E mail: env@hry.gov.in
 4. The Regional Director, CPCB Regional Office, Zonal Office (North), Bharat Sanchar Nigam Limited, Chandi Path, Sector 49, Chandigarh, 160047
 E mail: gurnamsingh.cpcb@nic.in, sdave.cpcb@nic.in.

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

**JK SUPER
 CEMENT**
BUILD SAFE

JK CEMENT
WallMax X
 White Cement Wall Putty

Manufacturing Units at :
 Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)
 Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)



Registered Office : Kamla Tower, Kanpur-208001, U.P., India +91-512-2371478 to 85 91-512-2399854 www.jkcement.com



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

| | |
|--|---|
| Proposal No | MGR/PC-10 |
| Compliance ID | 444102978 |
| Compliance Number(For Tracking) | EC/M/COMPLIANCE/444102978/2025 |
| Reporting Year | 2025 |
| Reporting Period | 01 Dec(01 Apr - 30 Sep) |
| Submission Date | 19-11-2025 |
| RO/SRO Name | Shri Satya Prakash Negi |
| RO/SRO Email | jhk119@ifs.nic.in |
| State | HARYANA |
| RO/SRO Office Address | Integrated Regional Offices, Chandigarh |

Note:- SMS and E-Mail has been sent to Shri Satya Prakash Negi, HARYANA with Notification to Project Proponent.

**Half Yearly Compliance Report
2025
01 Dec(01 Apr - 30 Sep)**

Acknowledgement

| | | | |
|--|--|-------------------------------|-------------------------|
| Proposal Name | Proposed Clinker Grinding Unit to the tune of 2.0 Million TPA unit of J.K. Cement Ltd. at Village Jharli, Tehsil Matanhail, District Jhajjar, Haryana. | | |
| Name of Entity / Corporate Office | JK Cement Limited | | |
| Village(s) | JHARLI | | |
| District | JHAJJAR | | |
| Proposal No. | MGR/PC-10 | Category | Industrial Projects - 1 |
| Plot / Survey / Khasra No. | | Sub-District | Matanhail |
| State | HARYANA | Entity's PAN | *****0355R |
| MoEF File No. | J-11011/268/2011-IA-II (I) | Entity name as per PAN | J K CEMENT LIMITED |

Compliance Reporting Details

| | |
|-------------------------|--|
| Reporting Year | 2025 |
| Remarks (if any) | Environment Clearance Compliance Report for the period April' 2025 to September' 2025. |
| Reporting Period | 01 Dec(01 Apr - 30 Sep) |

Details of Production and Project Area

| | |
|--|-------------------|
| Name of Entity / Corporate Office | JK Cement Limited |
|--|-------------------|

| | Project Area as per EC Granted | Actual Project Area in Possession |
|--------------|---------------------------------------|--|
| Private | 28.65 | 28.65 |
| Revenue Land | 0 | 0 |
| Forest | 0 | 0 |
| Others | 0 | 0 |
| Total | 28.65 | 28.65 |

Production Capacity

| Sr. no | Product Name | units | Valid Upto | Capacity | Production last year | Capacity as per CTO |
|--------|--------------|-------------------------------|------------|----------|----------------------|---------------------|
| 1 | Cement | Million Tons per Annum (MTPA) | 30/09/2027 | 2.0 | 1.69 | 2.0 |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details |
|--------|---|--|
| 1 | AIR QUALITY MONITORING AND PRESERVATION | <p>Particulate emission shall be controlled within 50 mg/Nm³ by installing adequate air pollution control system viz. Bag House filters and stacks of adequate height etc. Data on ambient air fugitive and stack emissions shall be submitted to the Ministry's Regional Office at Chandigarh SEIAA Haryana HSPCB Panchkula and CPCB regularly.</p> <p>PPs Submission: Being Complied</p> <p>Bag houses and bag filters have been provided at various points and Particulate emission is being maintained well within prescribed limits. Ambient air, fugitive and stack emissions monitoring reports are being submitted regularly to the Ministry Regional Office at Chandigarh, SEIAA Haryana, HSPCB, Panchkula and CPCB. Copy of Monitoring reports are enclosed as Annexure-1.</p> |
| 2 | AIR QUALITY MONITORING AND PRESERVATION | <p>The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November 2009 should be followed.</p> <p>PPs Submission: Being Complied</p> <p>Ambient Air Monitoring reports are enclosed as Annexure - 1. The monitoring results of the Ambient air quality parameters are well within limits.</p> |
| 3 | AIR QUALITY MONITORING AND PRESERVATION | <p>Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits by the Ministry and regularly monitored Guidelines/Code of Practice issued by the CPCB should be followed.</p> <p>PPs Submission: Being Complied</p> <p>Gaseous emission levels including secondary fugitive emissions from all the sources are being controlled by using adequate Air pollution control equipments.</p> |
| 4 | AIR QUALITY MONITORING AND PRESERVATION | <p>The Company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, vehicular movements, bagging and packing areas etc. All the raw material stock piles shall be covered. A closed clinker stockpile system shall be provided. All conveyors shall be covered with GI sheets. Covered sheds for storage of raw materials shall be provided besides cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling.</p> <p>PPs Submission: Being Complied</p> <p>3 nos. Bag houses and 23 nos. bag filters at various transfer points, bagging and packing areas. To control fugitive emission due to vehicle movement, paved roads have been constructed and vacuum road sweeping machines are in practice regularly. Cement, Fly ash and clinker are being stored in silos. The covered shed has been provided for other raw material storage. Covered conveyor belt has been provided for the transportation of the raw materials. A pneumatic system has been provided for fly ash handling. Photograph of the same are enclosed as Annexure - 2.</p> |
| 5 | AIR QUALITY MONITORING AND PRESERVATION | <p>Asphalting/concreting of roads and water spray all around the stockyard and loading/unloading areas in the plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM and RSPM such as haul road loading and unloading points transfer points and other vulnerable areas. It shall be ensured that the ambient quality parameters conform to the norms prescribed</p> |

by the Central Pollution Control Board in this regard.

| | | |
|--|---|---|
| <p>PPs Submission: Being Complied</p> <p>Concrete roads have been constructed and vacuum road sweeping machines are in practice and water spray is being carried out regularly at loading/unloading areas to control fugitive emission. Photographs of paved road and water spray has been presented below. Ambient air quality parameters are being monitored regularly and results are well within limit.</p> | | |
| 6 | AIR QUALITY MONITORING AND PRESERVATION | Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and should not be overloaded. Vehicular emission should be regularly monitored. The vehicles should have Pollution under Control Certificate. |
| 7 | WATER QUALITY MONITORING AND PRESERVATION | Total ground water requirement for the Cement plant shall not exceed 300 m3/day and necessary permission for the drawl shall be obtained. All the treated waste water shall be recycled and reused in the process and /or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and zero discharge shall be adopted. |
| 8 | WATER QUALITY MONITORING AND PRESERVATION | Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. |
| 9 | WATER QUALITY MONITORING AND PRESERVATION | All the bag filter dust clinker dust and cement dust from pollution control devices shall be recycled and reused in the process used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers/ re- processors only. |
| 10 | GREENBELT | Green belt shall be developed in at least 33 percent area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO. |

| | | |
|---|---|--|
| <p>PPs Submission: Being Complied 33 percent of the total project area is 9.45 ha. A total of 16250 plants have been planted covering 10.7 ha. Plantation photograph are enclosed as Annexure - 6.</p> | | |
| 11 | Corporate Environmental Responsibility | At least 5 percent of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be prepared and submitted to the SEIAA Haryana/ RO MoEF GOI Chandigarh. Implementation of such program should be ensured accordingly in a time bound manner. |
| | | <p>PPs Submission: Being Complied CSR activities are being done regularly in nearby areas. Details of CSR/CER expenditure is enclosed as. Annexure-7.</p> |
| 12 | Human Health Environment | The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, safe drinking water, medical health care creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. |
| | | <p>PPs Submission: Complied Not applicable as the project is in operation phase.</p> |
| 13 | WATER QUALITY MONITORING AND PRESERVATION | The Sewage Treatment Plant (STP) of 60 KLD capacity shall be installed for the treatment of the sewage to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge. The installation of STP should be certified by an independent expert and a report in this regard should be submitted to the SEIAA Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. Discharge of treated sewage shall conform to the norms and standards of HSPCB, Panchkula. Project proponent shall implement such as STP technology which does not require filter backwash |
| | | <p>PPs Submission: Being Complied STP of adequate capacity has been installed for treatment of the sewage to the prescribed standards including odour and treated effluent which is being recycled and reused in horticulture to achieve zero exit discharge. STP installation has been certified by M/s Apex Water. Installed STP does not require filter back wash. STP water analysis report along with photograph are attached as Annexure-8</p> |
| 14 | WATER QUALITY MONITORING AND PRESERVATION | The sludge generated shall be treated and used as manure. |
| | | <p>PPs Submission: Being Complied Sludge generated from STP is being used as manure in greenbelt/ plantation.</p> |

General Conditions

| Sr.No. | Condition Type | Condition Details |
|--------|----------------|--|
| 1 | MISCELLANEOUS | The project authority must strictly adhere to the stipulations made by the Haryana State Pollution Control Board and the State Government. |

| | | | |
|---|---|--|---------------------|
| PPs Submission: Being Complied Noted and agreed with. | | | Date: 18/11/2025 |
| 2 | MISCELLANEOUS | No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA Haryana | |
| PPs Submission: Being Complied No further expansion or modifications in the plant will be carried out without prior approval of the SEIAA, Haryana. | | | Date: 18/11/2025 |
| 3 | AIR QUALITY MONITORING AND PRESERVATION | The gaseous emissions from various process units shall conform to the load/mass based standards notified by Ministry on 19th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. | |
| PPs Submission: Being Complied Emission from process is being maintained well within prescribed standards notified by the Ministry on 19th May, 1993. | | | Date: 18/11/2025 |
| 4 | AIR QUALITY MONITORING AND PRESERVATION | At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM2.5 PM10 SO2 NOX is anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to SEIAA including Regional Office MoEF GOI at Chandigarh the HSPCB Panchkula once in six months. | |
| PPs Submission: Being Complied Four ambient air quality monitoring stations have been established and regular monitoring has been carried out for parameters PM2.5, PM10, SO2, NOX. Monitoring reports are submitted regularly to SEIAA including Regional Office MoEF, GOI at Chandigarh and the HSPCB Panchkula once in six months. A copy of the same is enclosed as Annexure-1. | | | Date: 18/11/2025 |
| 5 | Noise Monitoring & Prevention | The overall noise levels in and around plant area shall be kept well within the standards (85dBA) by providing noise control measures including acoustic hoods silencers enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time). | |
| PPs Submission: Being Complied Acoustic hood, silencers and enclosures etc. has been provided at various noise generating sources. Regular noise monitoring is being done regularly and results are well within prescribed limits under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time). A copy of the same is enclosed as Annexure-9. | | | Date: 18/11/2025 |
| 6 | Human Health Environment | Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act. | |
| PPs Submission: Being Complied Occupational health surveillance of the workers is being done on a regular basis and records are maintained as per the Factories Act. Total 320 nos. of employees have been examined from Apr-2025 to Sep-2025 Reports are enclosed as Annexure - 10. | | | Date: 18/11/2025 |
| 7 | WATER QUALITY MONITORING AND PRESERVATION | The company shall develop at least three surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table. | |

| | | | |
|---|--|---|---------------------|
| <p>PPs Submission: Being Complied 5 Nos of rain water harvesting pits along with 6 Nos injection well structure has been constructed for recharging the ground water. Photographs of Rainwater harvesting structures are enclosed as Annexure - 5.</p> | | | Date: 18/11/2025 |
| 8 | MISCELLANEOUS | The Project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further the company must undertake socio-economic development activities in the surrounding villages like community development programmes educational programming drinking water supply and health care etc. | |
| <p>PPs Submission: Being Complied Environmental protection measures and safeguards are being implemented as recommended in the EIA/EMP report. Socio- economic developmental activities like community development programmes, educational programming and drinking water supply and health care is being conducted regularly. CSR Expenditure (Apr-2025 to Sep-2025) is attached as Annexure-7.</p> | | | Date: 18/11/2025 |
| 9 | Corporate Environmental Responsibility | As proposed Rs. 748 Lakh shall be earmarked towards capital cost and recurring cost /annum for environment pollution control measures and EMP to implement the conditions stipulated by the SEIAA Haryana, as well. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the SEIAA Haryana Regional Office of the Ministry at Chandigarh. The funds so provided shall not be diverted for any other purpose. | |
| <p>PPs Submission: Being Complied Details of EMP expenditure are enclosed as Annexure - 11.</p> | | | Date: 18/11/2025 |
| 10 | MISCELLANEOUS | A copy of clearance letter shall be sent by the proponent to concerned Panchayat Zila Parishad/Municipal Corporation Urban Local Body and the local NGO if any from whom suggestions/ representations if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent. | |
| <p>PPs Submission: Complied EC Letter has been sent to concerned Panchayat, Zila Parishad/Municipal Corporation, Letter No. JKJhrali/Env/135 dated 11th, September 2013. Urban Local Body and the local NGO.</p> | | | Date: 18/11/2025 |
| 11 | Statutory compliance | The project proponent shall upload the status of the compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the SEIAA Haryana, Regional Office of the MoEF at Chandigarh and HSPCB, Panchkula. The criteria pollutant levels namely; PM2.5, PM10, SO2, NOX (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | |
| <p>PPs Submission: Complied EC compliance report including results of monitored data is being uploaded on the company website regularly and the same has been submitted to SEIAA, Haryana, Regional Office of MoEF, Chandigarh and HSPCB, Panchkula regularly. Critical sectorial parameters have been monitored and displayed at Main gate of Company in the public domain. Annexure-12.</p> | | | Date: 18/11/2025 |
| 12 | Statutory compliance | The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions | |

| | | | |
|----|--|--|---------------------|
| | | including results of monitored data (both in hard copies as well as by e-mail) to the SEIAA Haryana, Regional Office of MoEF, GoI at Chandigarh/HSPCB shall monitor the stipulated conditions. | |
| | PPs Submission: Being Complied Half yearly compliance reports including monitored data are submitted regularly to SEIAA Haryana, Regional Office of MoEF, GoI at Chandigarh and HSPCB, Panchkula by e-mail. Compliance report for the period Oct 2024 to March 2025 was submitted vide letter No K/Jharli/PC/ JKJharli/PC/999 dated 24th May-2025. | Date: 18/11/2025 | |
| 13 | Statutory compliance | The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of the compliance of environmental conditions and shall also be sent to SEIAA Haryana and regional office of the MoEF at Chandigarh by e-mail. | |
| | PPs Submission: Being Complied Environmental Statement of each financial year being prepared and submitted to the concerned State Pollution Control Board. The same has been displayed on the Company website and sent to SEIAA Haryana and regional office of the MoEF, Chandigarh by e-mail. Environment Statement report for FY 2024-25 has been submitted vide Letter No. JKJharli/PC/1004 dated 19.09.2025 Copy of the same is enclosed as Annexure 13. | Date: 18/11/2025 | |
| 14 | MISCELLANEOUS | The project proponent should inform the public that the project has been accorded Environmental Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board and SEIAA. This should be advertised within 7 Days from the date circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A Copy of Environment Clearance conditions shall also be put on project proponent's website for public awareness. Project authorities 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 and the date of commencing the land development work. | |
| 15 | MISCELLANEOUS | PPs Submission: Being Complied Environment Clearance has been published in two local News Paper Viz. Dainik Bhaskar (on 09.09.2013) and Haribhoomi (on 10.09.2013) to inform the local public. Copy of EC compliance along with EC letter has been uploaded on company website. The date of financial closure is 11.05.2014 and final approval of the project was received on 04.09.2013 by the concerned authorities SEIAA and the date of commencing the land development work is 31.03.2011. Production commissioned on dated 13.05.2014 | Date: 18/11/2025 |
| 16 | MISCELLANEOUS | The SEIAA Haryana may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. | |
| | PPs Submission: Being Complied Noted and agreed. | Date: 18/11/2025 | |
| 16 | MISCELLANEOUS | The SEIAA Haryana reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions. | |
| | PPs Submission: Being Complied Noted and Agreed. | Date: 18/11/2025 | |

| | | |
|----|---------------|--|
| 17 | MISCELLANEOUS | The above conditions shall be enforced, inter alia under the provisions of the Water (Prevention and Control of Pollution) Act,1986, Hazardous Wastes (Management, Handling and Transboundary movement) Rules,2008 and Public (Insurance)Liability Act,1991 along with their amendments and rules. |
|----|---------------|--|

PPs Submission: Being Complied
Noted and Agreed.

Date:
18/11/2025

| | | |
|----|----------------------|--|
| 18 | Statutory compliance | The project proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instructions issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/ NOC from competent Authority is required. |
|----|----------------------|--|

PPs Submission: Being Complied
Fire safety equipment and measures has been provided and obtained approval for the firefighting scheme from Haryana Fire Service Act, 2009. Copy of the same is enclosed as Annexure-14.

Date:
18/11/2025

Visit Remarks

| | |
|------------------------------|-----|
| Last Site Visit Report Date: | N/A |
| Additional Remarks: | |

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

J.K.CEMENT WORKS, JHARLI
AMBIENT AIR QUALITY MONITORING DATA FOR PM10
(MONTHLY AVERAGE $\mu\text{g}/\text{M}^3$)
Q-1 & Q-2 FY 2025-26

| MONTH | NEAR GATE NO 1 | NEAR GATE NO 2 | NEAR WAGON TIPPLER | RAILWAY LOINE SIDE |
|--------|----------------|----------------|--------------------|--------------------|
| Apr-25 | 54.9 | 57.1 | 59.1 | 51.5 |
| | 56.3 | 55.1 | 59.1 | 52.3 |
| | 55.2 | 53.8 | 58.2 | 52.8 |
| | 54.3 | 56.5 | 58.2 | 52.5 |
| | 56.1 | 54.8 | 58.1 | 52.4 |
| | 55.4 | 56.2 | 60.2 | 51.6 |
| | 58.2 | 56.2 | 57.2 | 53.2 |
| | 55.8 | 59.1 | 56.1 | 50.9 |
| May-25 | 52.4 | 56.2 | 55.8 | 48.2 |
| | 56.4 | 54.8 | 53.4 | 50.2 |
| | 51.7 | 54.2 | 50.5 | 44.6 |
| | 55.3 | 57.1 | 58.2 | 47.3 |
| | 57.2 | 60.2 | 58.4 | 52.4 |
| | 54.9 | 52.8 | 52.8 | 48.2 |
| | 59.1 | 51.9 | 52.7 | 54.2 |
| | 57.2 | 54.2 | 56.1 | 52.1 |
| Jun-25 | 55.9 | 53.5 | 51.4 | 54.6 |
| | 57.1 | 59.2 | 55.9 | 51.5 |
| | 54.2 | 57.0 | 60.2 | 48.2 |
| | 60.1 | 54.7 | 52.8 | 51.6 |
| | 55.4 | 53.4 | 50.9 | 47.2 |
| | 52.7 | 50.4 | 53.6 | 45.9 |
| | 50.8 | 54.2 | 48.3 | 44.1 |
| | 54.3 | 51.9 | 54.9 | 50.1 |
| Jul-25 | 51.6 | 50.2 | 54.2 | 48.2 |
| | 48.2 | 52.4 | 51.7 | 46.5 |
| | 54.2 | 57.0 | 60.2 | 48.2 |

| | | | | |
|---------|------|------|------|------|
| | 44.5 | 47.2 | 51.5 | 40.5 |
| | 43.8 | 40.6 | 45.6 | 38.2 |
| | 53.2 | 55.4 | 55.2 | 46.2 |
| | 50.8 | 54.2 | 48.3 | 44.1 |
| | 47.2 | 45.6 | 47.2 | 40.2 |
| Aug-25 | 48.4 | 45.6 | 50.5 | 48.2 |
| | 51.2 | 53.6 | 52.1 | 47.2 |
| | 53.8 | 54.2 | 50.9 | 49.3 |
| | 46.4 | 49.2 | 45.9 | 42.5 |
| | 45.2 | 42.6 | 43.9 | 40.8 |
| | 47.2 | 44.6 | 41.3 | 38.5 |
| | 43.5 | 41.8 | 40.2 | 39.1 |
| | 39.3 | 37.2 | 36.4 | 35.4 |
| Sep-25 | 45.2 | 43.9 | 48.2 | 40.5 |
| | 48.4 | 46.2 | 45.7 | 43.2 |
| | 51.3 | 47.5 | 47.5 | 44.5 |
| | 53.4 | 51.8 | 50.2 | 46.1 |
| | 50.8 | 48.4 | 46.5 | 38.5 |
| | 53.5 | 55.2 | 51.8 | 43.9 |
| | 55.1 | 57.8 | 53.8 | 47.4 |
| | 53.8 | 52.4 | 49.6 | 43.6 |
| Average | 52.3 | 52.1 | 52.1 | 46.8 |

J.K.CEMENT WORKS, JHARLI
AMBIENT AIR QUALITY MONITORING DATA FOR PM2.5
(MONTHLY AVERAGE $\mu\text{g}/\text{M}^3$)
Q-1 & Q-2 FY 2025-26

| MONTH | NEAR GATE NO 1 | NEAR GATE NO 2 | NEAR WAGON TIPPLER | RAILWAYLOINE SIDE |
|--------|----------------|----------------|--------------------|-------------------|
| Apr-25 | 36.5 | 38.2 | 38.5 | 30.6 |
| | 37.4 | 36.4 | 38.5 | 33.5 |
| | 34.8 | 37.2 | 39.5 | 33.1 |

| | | | | |
|--------|------|------|------|------|
| | 33.9 | 35.7 | 39.5 | 31.8 |
| | 35.4 | 36.1 | 37.4 | 33.1 |
| | 34.3 | 35.8 | 39.2 | 32.4 |
| | 37.4 | 39.2 | 38.3 | 34.5 |
| | 38.2 | 37.3 | 35.8 | 33.4 |
| May-25 | 38.6 | 41.5 | 40.2 | 35.2 |
| | 42.6 | 40.5 | 39.2 | 37.4 |
| | 40.2 | 43.9 | 38.2 | 33.1 |
| | 40.9 | 44.6 | 44.4 | 35.1 |
| | 43.4 | 46.4 | 45.9 | 36.1 |
| | 42.5 | 40.1 | 38.9 | 33.4 |
| | 45.8 | 38.2 | 40.5 | 38.4 |
| | 43.6 | 40.5 | 38.8 | 35.3 |
| Jun-25 | 37.5 | 35.2 | 35.9 | 37.2 |
| | 38.2 | 39.7 | 38.1 | 33.2 |
| | 35.9 | 35.4 | 39.5 | 31.9 |
| | 39.2 | 33.8 | 33.6 | 33.5 |
| | 36.1 | 35.9 | 33.2 | 30.2 |
| | 33.1 | 32.6 | 36.9 | 28.8 |
| | 36.2 | 33.6 | 31.9 | 30.4 |
| | 38.1 | 32.7 | 33.4 | 33.5 |
| Jul-25 | 35.2 | 33.4 | 38.4 | 32.8 |
| | 33.5 | 35.2 | 34.5 | 30.4 |
| | 35.9 | 35.4 | 39.5 | 31.9 |
| | 30.2 | 22.6 | 35.8 | 25.6 |
| | 30.2 | 28.2 | 30.9 | 25.6 |
| | 37.1 | 40.2 | 39.2 | 31.5 |
| | 36.2 | 33.6 | 31.9 | 30.4 |
| | 31.6 | 28.1 | 30.5 | 26.7 |
| Aug-25 | 32.6 | 31.2 | 36.1 | 32.8 |
| | 35.6 | 33.8 | 30.9 | 30.5 |
| | 34.8 | 36.5 | 32.4 | 28.6 |

| | | | | |
|---------|------|------|------|------|
| | 31.2 | 32.6 | 29.6 | 27.2 |
| | 29.4 | 27.2 | 25.2 | 26.1 |
| | 31.4 | 30.8 | 29.6 | 24.2 |
| | 28.2 | 30.2 | 29.6 | 26.4 |
| | 28.2 | 26.4 | 25.9 | 24.2 |
| Sep-25 | 31.6 | 29.8 | 33.5 | 27.2 |
| | 36.2 | 35.4 | 32.4 | 30.5 |
| | 34.1 | 33.9 | 35.2 | 31.2 |
| | 36.4 | 35.2 | 33.8 | 30.4 |
| | 31.5 | 30.4 | 27.4 | 26.4 |
| | 33.7 | 36.1 | 32.4 | 28.2 |
| | 36.2 | 38.4 | 35.4 | 33.6 |
| | 34.1 | 31.8 | 33.4 | 29.4 |
| Average | 35.7 | 35.1 | 35.4 | 31.2 |

J.K.CEMENT WORKS, JHARLI
AMBIENT AIR QUALITY MONITORING DATA FOR NO2
(MONTHLY AVERAGE µg/M3)
Q-1 & Q-2 FY 2025-26

| MONTH | NEAR GATE NO 1 | NEAR GATE NO 2 | NEAR WAGON TIPPLER | RAILWAYLOINE SIDE |
|--------|----------------|----------------|--------------------|-------------------|
| Apr-25 | 22.2 | 24.1 | 21.8 | 19.2 |
| | 23.8 | 22.8 | 20.8 | 19.6 |
| | 24.1 | 25.2 | 21.8 | 19.4 |
| | 22.4 | 23.4 | 21.2 | 20.5 |
| | 22.8 | 24.3 | 20.8 | 20.4 |
| | 21.8 | 23.2 | 21.5 | 19.8 |
| | 23.8 | 24.1 | 21.8 | 20.2 |
| | 23.5 | 24.1 | 20.8 | 19.4 |
| May-25 | 22.4 | 23.6 | 21.8 | 20.6 |
| | 24.2 | 23.8 | 22.0 | 20.9 |
| | 22.6 | 23.5 | 22.1 | 20.4 |

| | | | | |
|--------|------|------|------|------|
| | 23.5 | 24.2 | 22.8 | 21.0 |
| | 23.4 | 24.8 | 22.3 | 22.8 |
| | 21.8 | 21.5 | 20.4 | 19.6 |
| | 22.8 | 20.8 | 19.8 | 21.8 |
| | 24.1 | 22.7 | 22.3 | 20.9 |
| Jun-25 | 21.9 | 20.8 | 19.4 | 19.8 |
| | 22.8 | 22.6 | 21.9 | 21.2 |
| | 20.8 | 20.1 | 19.4 | 18.4 |
| | 24.4 | 22.1 | 20.5 | 21.6 |
| | 22.8 | 20.6 | 18.4 | 18.4 |
| | 22.2 | 20.9 | 19.7 | 18.2 |
| | 21.9 | 20.4 | 18.2 | 18.2 |
| | 23.6 | 22.3 | 20.9 | 20.5 |
| Jul-25 | 22.4 | 21.5 | 20.8 | 18.5 |
| | 20.6 | 22.8 | 20.1 | 15.2 |
| | 20.8 | 20.1 | 19.4 | 18.4 |
| | 22.5 | 22.8 | 21.8 | 19.2 |
| | 21.5 | 21.8 | 20.4 | 20.2 |
| | 23.5 | 22.8 | 22.6 | 21.2 |
| | 21.9 | 20.4 | 18.2 | 18.2 |
| | 22.5 | 21.4 | 20.2 | 18.4 |
| Aug-25 | 23.2 | 22.8 | 21.9 | 18.5 |
| | 24.2 | 23.6 | 22.4 | 22.1 |
| | 22.6 | 23.2 | 21.7 | 20.4 |
| | 23.8 | 24.5 | 22.3 | 20.8 |
| | 22.6 | 21.9 | 21.4 | 20.5 |
| | 23.1 | 22.4 | 21.6 | 20.6 |
| | 22.6 | 23.1 | 21.5 | 19.2 |
| | 23.4 | 22.5 | 21.8 | 20.8 |
| Sep-25 | 21.5 | 20.6 | 20.4 | 18.7 |
| | 22.8 | 21.5 | 20.1 | 18.8 |
| | 22.5 | 21.8 | 19.8 | 19.1 |

| | | | |
|----------------|-------------|-------------|-------------|
| 23.1 | 22.5 | 20.5 | 18.5 |
| 20.8 | 19.2 | 18.2 | 17.2 |
| 22.5 | 23.8 | 21.9 | 19.4 |
| 23.5 | 24.2 | 22.6 | 20.4 |
| 21.9 | 20.4 | 19.1 | 18.2 |
| Average | 22.7 | 22.4 | 20.9 |
| | | | 19.7 |

J.K.CEMENT WORKS, JHARLI

AMBIENT AIR QUALITY MONITORING DATA FOR SO2

(MONTHLY AVERAGE $\mu\text{g}/\text{M}^3$)

Q-1 & Q-2 FY 2025-26

| MONTH | NEAR GATE NO 1 | NEAR GATE NO 2 | NEAR WAGON TIPPLER | RAILWAYLOINE SIDE |
|--------|----------------|----------------|--------------------|-------------------|
| Apr-25 | 8.3 | 8.8 | 8.2 | 7.5 |
| | 9.2 | 8.6 | 7.6 | 7.9 |
| | 8.2 | 8.8 | 7.9 | 7.6 |
| | 7.9 | 8.4 | 7.8 | 7.4 |
| | 8.0 | 9.1 | 8.3 | 7.5 |
| | 8.0 | 8.6 | 7.6 | 7.4 |
| | 9.2 | 9.6 | 8.3 | 7.9 |
| | 8.3 | 8.6 | 7.8 | 7.6 |
| May-25 | 7.6 | 8.1 | 7.2 | 7.1 |
| | 8.1 | 7.7 | 7.4 | 7.4 |
| | 7.7 | 7.9 | 7.3 | 6.8 |
| | 8.0 | 8.6 | 7.4 | 7.2 |
| | 7.5 | 7.8 | 7.4 | 7.5 |
| | 7.3 | 7.0 | 6.8 | 6.5 |
| | 8.2 | 7.6 | 7.1 | 7.4 |
| | 8.5 | 7.8 | 7.3 | 7.2 |
| Jun-25 | 7.2 | 6.9 | 6.8 | 6.7 |
| | 7.7 | 7.9 | 7.3 | 7.0 |
| | 7.4 | 7.3 | 6.9 | 6.6 |

| | | | | |
|---------|-----|-----|-----|-----|
| | 8.2 | 7.8 | 7.4 | 7.5 |
| | 7.3 | 7.1 | 6.7 | 6.5 |
| | 7.5 | 6.8 | 6.4 | 6.1 |
| | 7.0 | 6.9 | 6.6 | 6.3 |
| | 8.1 | 7.4 | 6.8 | 6.7 |
| Jul-25 | 7.6 | 7.1 | 7.2 | 6.9 |
| | 7.1 | 8.1 | 7.5 | 6.5 |
| | 7.4 | 7.3 | 6.9 | 6.6 |
| | 7.3 | 7.5 | 7.7 | 6.9 |
| | 7.2 | 7.5 | 6.9 | 7.2 |
| | 7.9 | 7.1 | 7.3 | 6.7 |
| | 7.0 | 6.9 | 6.6 | 6.3 |
| | 7.0 | 6.8 | 6.5 | 6.6 |
| Aug-25 | 7.8 | 7.5 | 6.9 | 6.9 |
| | 8.1 | 7.2 | 7.3 | 6.8 |
| | 7.6 | 7.8 | 7.2 | 6.7 |
| | 7.8 | 8.1 | 7.3 | 7.1 |
| | 7.6 | 7.2 | 7.0 | 6.7 |
| | 7.5 | 7.4 | 6.8 | 6.4 |
| | 7.7 | 7.9 | 7.3 | 6.5 |
| | 7.8 | 7.6 | 7.4 | 7.1 |
| Sep-25 | 7.4 | 7.1 | 6.6 | 6.2 |
| | 7.7 | 7.1 | 6.8 | 6.4 |
| | 7.5 | 7.3 | 6.5 | 6.3 |
| | 7.4 | 6.8 | 6.5 | 6.1 |
| | 7.1 | 6.9 | 6.6 | 6.3 |
| | 7.4 | 7.6 | 7.0 | 6.7 |
| | 7.5 | 7.7 | 7.2 | 6.4 |
| | 6.9 | 6.7 | 6.5 | 6.3 |
| Average | 7.7 | 7.7 | 7.2 | 6.9 |

J.K.CEMENT WORKS, JHARLI
AMBIENT AIR QUALITY MONITORING DATA
(MONTHLY AVERAGE $\mu\text{g}/\text{M}^3$)
Q-1 & Q-2 FY 2025-26

| Location | PM2.5 | PM10 | NO2 | SO2 |
|-----------------|--------------|-------------|-------------|------------|
| L1 | 35.7 | 52.3 | 22.7 | 7.7 |
| L2 | 35.1 | 52.1 | 22.4 | 7.7 |
| L3 | 35.4 | 52.1 | 20.9 | 7.2 |
| L4 | 31.2 | 46.8 | 19.7 | 6.9 |

**Location:- L1- Near Gate-1, L2- Near Gate -2, L3-
Near Wagon tippler and L4- Near railway line side**

**Six monthly (Apr 25 to Sept-2025) Cement
Mill Stack monitoring report**

| Location/Month | Cement Mill |
|-----------------------|--------------------|
| April 2025 | 2.91 |
| May 2025 | 2.95 |
| June 2025 | 3.15 |
| July 2025 | 3.3 |
| August 2025 | 3.2 |
| Sepetember-25 | 3 |

J.K.CEMENT WORKS, JHARLI
AMBIENT AIR QUALITY MONITORING DATA FOR FUGITIVE EMISSION
(MONTHLY AVERAGE $\mu\text{g}/\text{M}^3$)
Q-1&2 FY 2025-26

| MONTH | Packing Plant | Fly Ash Silo | Unloading Area | Near Cement Mill |
|---------|---------------|--------------|----------------|------------------|
| Apr-25 | 741 | 608 | 671 | 695 |
| Jul-25 | 652 | 571 | 605 | 544 |
| Average | 696.5 | 589.5 | 638 | 619.5 |



GPS Map Camera

Jharli, Haryana, भारत 

F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.489854° Long 76.386186°

बुधवार, 05/11/2025 04:57 PM GMT +05:30



Google



Google



Jharli, Haryana, भारत



F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.4895° Long 76.385906°

बुधवार, 05/11/2025 01:49 PM GMT +05:30



GPS Map Camera



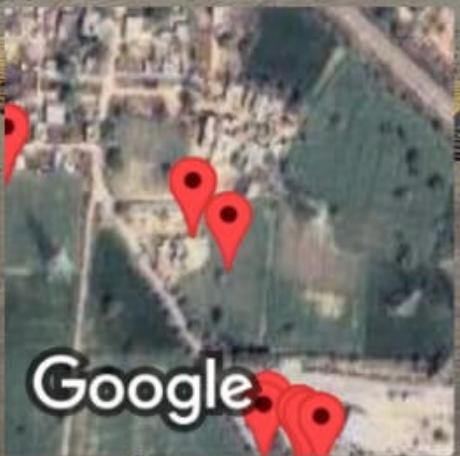
GPS Map Camera

Jharli, Haryana, भारत 

F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.489882° Long 76.386132°

बुधवार, 05/11/2025 12:12 PM GMT +05:30



GPS Map Camera

झाड़ली, हरियाणा, भारत 

F9vm+cfv, झाड़ली, हरियाणा 124106, भारत

Lat 28.49311° Long 76.383778°

बुधवार, 05/11/2025 12:30 PM GMT +05:30



S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli
Distt- Jhajjar-124106 (Haryana)

Test Report No. : SREL/E/09042025003
Sample I.D. : SREL/AA/09042025003
Sample Received : 09/04/2025
Date of Issue : 14/04/2025
Reference No. : TRF

SAMPLE PARTICULARS

| | | | | | |
|-------------------------|----------------------------------|---|-----------------------------|--|--|
| Name of the Sample | : Ambient Air Quality Monitoring | | | | |
| Details of Sampling | | | | | |
| 1. Date of Sampling | : 08/04/2025 to 09/04/2025 | Physical Observation | : 20°C/37°C | | |
| 2. Sampling Protocol | : IS:5182(P-14) | (a) Ambient temp. (Min/Max) | | | |
| 3. Equipment Used | : RDS&PM 2.5 Sampler | (b) Weather Cond. | : Clear | | |
| 4. Sampling Done By | : SREL | (c) Wind Direction | : East to West | | |
| 5. Duration of Sampling | : 24 Hrs. | (d) Sampling Flow Rate For Gases | : 0.5LPM | | |
| 6. Sampling Location | : Near Gate No. -01 | (e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) | : 1.175m ³ /min. | | |

TEST RESULTS

Test Started on : 09/04/2025

Test Completed on : 14/04/2025

| S. No. | Parameters | Units | Results | Specifications/Requirements As per CPCB (NAAQS) | Test Method |
|--------|---|-------------------|---------|---|-----------------------------------|
| 1. | Particulate Matter (PM ₁₀) | µg/m ³ | 55.2 | 100.0 | IS: 5182 Part - 23, 2006 |
| 2. | Particulate Matter (PM _{2.5}) | µg/m ³ | 34.8 | 60.0 | IS: 5182 Part - 24, 2019 |
| 3. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 24.1 | 80.0 | IS: 5182 Part - 06, 2006 |
| 4. | Sulphur Dioxide (SO ₂) | µg/m ³ | 8.2 | 80.0 | IS: 5182 Part - 02 Sec. - 1, 2023 |

Remark: 'NAAQS- National Ambient Air Quality Standard Schedule -VII [Rule 3 (3B)], [Part -II-sec-3(i)] 18.11.2009
Opinion/Interpretation

End of Report

Note:-

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Director- Technical



S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli
Distt- Jhajjar-124106 (Haryana)

Test Report No. : SREL/E/09042025004
Sample I.D. : SREL/AA/09042025004
Sample Received : 09/04/2025
Date of Issue : 14/04/2025
Reference No. : TRF

SAMPLE PARTICULARS

| | | |
|-------------------------|----------------------------------|--|
| Name of the Sample | : Ambient Air Quality Monitoring | Physical Observation |
| Details of Sampling | | (a) Ambient temp. (Min/Max) : 20°C/37°C |
| 1. Date of Sampling | : 08/04/2025 to 09/04/2025 | (b) Weather Cond. : Clear |
| 2. Sampling Protocol | : IS:5182(P-14) | (c) Wind Direction : East to West |
| 3. Equipment Used | : RDS&PM 2.5 Sampler | (d) Sampling Flow Rate For Gases : 0.5LPM |
| 4. Sampling Done By | : SREL | (e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.175m³/min. |
| 5. Duration of Sampling | : 24 Hrs. | |
| 6. Sampling Location | : Near Gate No. -02 | |

TEST RESULTS

Test Started on : 09/04/2025

Test Completed on : 14/04/2025

| S. No. | Parameters | Units | Results | Specifications/Requirements As per CPCB (NAAQS) | Test Method |
|--------|---|-------------------|---------|---|-----------------------------------|
| 1. | Particulate Matter (PM ₁₀) | µg/m ³ | 53.8 | 100.0 | IS: 5182 Part - 23, 2006 |
| 2. | Particulate Matter (PM _{2.5}) | µg/m ³ | 37.2 | 60.0 | IS: 5182 Part - 24, 2019 |
| 3. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 25.2 | 80.0 | IS: 5182 Part - 06, 2006 |
| 4. | Sulphur Dioxide (SO ₂) | µg/m ³ | 8.8 | 80.0 | IS: 5182 Part - 02 Sec. - 1, 2023 |

Remark: *NAAQS- National Ambient Air Quality Standard Schedule -VII [Rule 3 (3B)], [Part -II-sec-3(l)] 18.11.2009
Opinion/Interpretation

End of Report

Note:-

- The results listed refer only to the tested sample and applicable parameter.
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report can not be reproduced, except when in full, without the written permission of the Director.
- The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Tripathi
Checked By
Dr. Ramesh Chandra Tripathi

Quality Manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Director- Technical



GPS Map Camera

मोहनबारी, हरियाणा, भारत 

F9qp+v43, झारली - मोहनबारी मार्ग, मोहनबारी, हरियाणा 124141,
भारत

Lat 28.490304° Long 76.386135°
बुधवार, 05/11/2025 04:58 PM GMT +05:30



GPS Map Camera

Jharli, Haryana, भारत 

F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.489829° Long 76.38651°

बुधवार, 05/11/2025 11:58 AM GMT +05:30



Google



GPS Map Camera



Jharli, Haryana, भारत 

F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.489543° Long 76.385966°

गुरुवार, 06/11/2025 08:59 AM GMT +05:30



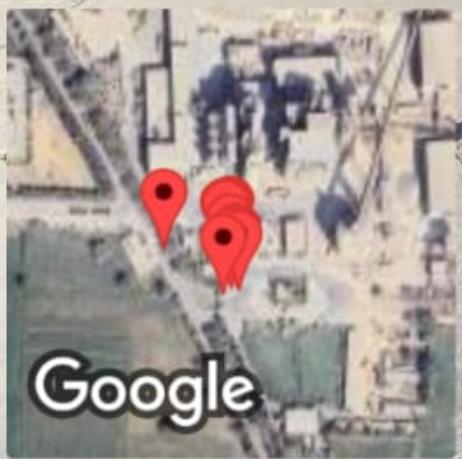
GPS Map Camera

झाड़ली, हरियाणा, भारत 

F9vm+cfv, झाड़ली, हरियाणा 124106, भारत

Lat 28.492501° Long 76.38489°

बुधवार, 05/11/2025 12:14 PM GMT +05:30



GPS Map Camera

Jharli, Haryana, भारत 
F9qp+r49, A, Jharli, Haryana 124141, भारत
Lat 28.489645° Long 76.385991°
गुरुवार, 06/11/2025 08:56 AM GMT +05:30



GPS Map Camera

झाड़ली, हरियाणा, भारत 

F9rm+4pv, Near J. K. Cement Works, झाड़ली,
हरियाणा 124141, भारत

Lat 28.490503° Long 76.384961°
बुधवार, 05/11/2025 12:14 PM GMT +05:30



GPS Map Camera

Jharli, Haryana, भारत 

F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.489547° Long 76.386037°

बुधवार, 05/11/2025 11:56 AM GMT +05:30



हरियाणा सरकार
हरियाणा जल संसाधन प्राधिकरण
Government of Haryana
Haryana Water Resources Authority

PERMISSION CERTIFICATE FOR GROUND WATER EXTRACTION

| | | | |
|--------------------------|--|---------|-----------|
| Project Name: | JK CEMENT WORKS JHARLI | | |
| Project Address: | JK Cement Works Jharli, Mohanbari Road, Tehsil-Matanhail | | |
| Village/MC: | Jharli | Tehsil: | Matanhail |
| District: | JHAJJAR | State: | Haryana |
| Pin Code: | -- | | |
| Communication Address: | JK Cement Works Jharli, Mohanbari Road, Tehsil-Matanhail | | |
| Address Regional Office: | Rear Building, 3rd Floor, HSVP, Sector-6, Panchkula | | |

| | | | |
|---------------------------------------|--------------------------|----|-----------|
| 1. NOC No.: | HWRA/NOC/IND/R/2025/2040 | | |
| 2. Application No.: | HWRA/IND/R/2025/4018 | 3. | Category: |
| 4. Project Status: | Renew | 5. | NOC Type: |
| 6. Ground Water Extraction Permitted: | | | |

| Ground Water For | m3/day | m3/year | Valid From | Valid Upto |
|------------------|--------------|-----------------|------------|------------|
| Saline Water | 95.00 | 31350.00 | 08/07/2025 | 07/07/2026 |
| Total | 95.00 | 31350.00 | -- | -- |

| | | | | |
|---|----------------------|-----|----|----|
| 7. Details of Ground Water Extraction: Total Existing No.:- | Total Proposed No.:- | | | |
| | DW | DCB | BW | TW |
| Abstraction Structure* | -- | -- | 1 | -- |

*DW - Dug Well;DCB - Dug cum Bore Well;BW - Bore Well;TW - Tube Well;DWLR - Digital Water Level Recorder

| | | | | |
|--|--------------------|---|----------------------|---|
| 8. Quantum of ground water recharge(m3/year) | -- | | | |
| 9. Number of Piezometers (Observation wells) to be constructed/ monitored & Monitoring mechanism | No. of Piezometers | | Monitoring Mechanism | |
| | 0 | 0 | 0 | 0 |

* Terms & conditions are at the back of this page.



Validity of this NOC shall be subject to compliance of the following mandatory conditions

This NOC for abstraction of ground water, shall be subject to the following terms and conditions



Note: This is computer generated certificate, it can be validated by scanning QR code.

1. NOC is granted to the applicant on the condition that local government water supply agencies are not able to supply the desired quantity of water. In case of supply of water from local agency the applicant shall immediately inform HWRA and reduce the abstraction of ground water accordingly.
2. The applicant shall adopt latest water efficient technologies to reduce dependence on ground water resources by 20% in three years. Compliance report in this regard shall be submitted yearly. The proof of reduction of dependence on ground water shall also be submitted half yearly i.e., at the time of deposit of water abstraction charges of the second quarter.
3. The applicant abstracting ground water between 100-500 kld shall undertake self-annual water audit and those abstracting ground water more than 500 kld shall undertake water audit through organisations authorised by Government of India or HWRA and submit audit reports at the time of renewal of the NOC.
4. Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism shall be mandatory for industries drawing or proposing to draw more than 500 kld of ground water and Monitoring of water level shall be done by project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 25 m from the production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well wells Detailed guidelines for design and construction of piezometer is given on the portal. Monthly water level data shall be submitted to the HRWA through the web portal on quarterly basis.
5. The applicant with red category industries as per Haryana State Pollution Control Board shall store the harvested rainwater in surface storage tanks for use in the industry and shall not use the harvested rainwater to recharge ground water, further the applicants under this category shall ensure wellhead protection measures to prevent ground water pollution and will inform the compliance within 3 months.
6. Injection of treated/untreated wastewater/effluents into aquifer system is strictly prohibited.
7. The applicant drawing ground water in safe, semi-critical and critical assessment units shall be required to pay ground water abstraction charges on quarterly basis, applicable as per Tables 5.3A.
8. The applicant drawing ground water in over-exploited assessment units shall be liable to pay ground water restoration charges on quarterly basis, applicable as per Tables 5.3 B.
9. All the tube wells/ground water abstraction structures permitted shall be fixed with digital electromagnetic/ultrasonic water meters, by the industry at its own cost with telemetry system and monthly ground water abstraction data shall be recorded in a logbook. Compliance to this condition shall be reported within one month from the date of issue of this letter. Daily water meter readings to be recorded in a dedicated register and shall be submitted on the web portal to HWRA on quarterly basis or through centralized mechanism evolved by HWRA. The geotag photos of all the flow meters/water meters showing date and coordinates be uploaded on the portal for calculation of quarterly tariff. Without geotagged photos not showing date and coordinates will not be entertained.
10. The applicant, as per approved proposal, shall implement rainwater harvesting and ground water recharge measures within three months from the date of issuance of this NOC and undertake periodic maintenance of recharge structures. Photographs (with geo tag only) of the recharge structures etc. and compliance of completion of construction of the same along with copy of NOC shall be furnished immediately to the Haryana Water Resources Authority for verification, on the Email ID of the Authority (compliance - hwra@hry.gov.in)
11. The ground water chemical quality shall be monitored twice in a year during pre & post- monsoon period.
12. The monthly ground water level monitoring data in respect of piezometer shall be submitted quarterly to the Haryana Water Resources Authority on regular basis.
13. The applicant shall ensure proper recycling and reuse, including use for green belt, of wastewater after adequate treatment.
14. In case of renewal, application shall be submitted online within 90 days before the expiry of this NOC and abstraction of ground water, after expiry of NOC shall be illegal and liable for legal action as per law.
15. The applicant shall seek prior permissions from HWRA for any increase in daily quantum of groundwater abstraction (i.e. more than the permitted limit in the NOC).
16. Where the applicant granted NOC for abstraction of saline water and the existing well(s) is/are yielding fresh water, the same shall be sealed and new tube well(s) tapping saline water shall be constructed within 3 months of the issuance of NOC or from the date of seal of the fresh water tube well, as the case may be. The applicant shall be also ensuring safe disposal of saline residue, if any.
17. The applicant shall comply with the provisions of the Haryana Water Resources (Conservation, Regulation and Management) Authority Act, 2020, Rules, regulations, guidelines and directions issued thereunder. Non-compliance of these provisions shall be liable for the penalty as per the provisions of the Act, rules and regulations, guidelines and directions issued thereunder.
18. The applicant shall ensure the 100% reuse for non potable usage of self generated waste water after due treatment. He shall also ensure to reuse for non potable usage the Treated Waste Water (other than self generated) as per application and NOC terms & conditions
19. Since, this NOC has been issued on the basis of self-assessment by the applicant and without any site inspection, hence the Authority may inspect the site/unit and documents at any time. In case any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the NOC granted immediately and may revoke or modify the NOC after giving a notice to the applicant.
20. This NOC is subject to prevailing State Government rules/law of Courts orders related to construction of tube well, ground water withdrawal, construction of recharge or conservation structure/discharge of effluents or any such matters as applicable.
21. The applicant shall comply with the directions/conditions/instructions issued by any Court of law related to the matters concerned with the Authority.
22. The applicant shall report self-compliance duly signed by authorized person along with authorization letter by e-mail to Haryana Water Resources Authority quarterly as well as yearly basis after the issuance of NOC.
23. This NOC does not absolve the applicant of his obligation/requirement to obtain the necessary approvals from the statutory and administrative Authorities/Departments.
24. The issuance of this NOC does not imply that other statutory or administrative clearances shall necessarily be granted to the applicant by the concerned authorities. The concerned Authorities shall act as per their own procedure.
25. The applicant shall immediately inform the HWRA, if any change in the information provided by the applicant in the application form for seeking NOC.
26. This NOC shall not absolve the applicant from any penalty/punishment/environment compensation, which may have been imposed or may be imposed, for abstraction of groundwater during such period, before the issuance of this NOC.
27. In case of non-payment or delayed payment of ground water abstraction/restoration charges, a penal interest @ 18% shall be charged.
28. The necessary compliance shall be submitted to the Authority on the web portal of the Authority i.e. www.hwra.org.in or on the email id compliance-hwra@hry.gov.in.
29. In case validity period of the CTE/CTO expires during currency period of the NOC, then it will be responsibility of the project proponent to get it renewed well in time & submit renewed CTE/CTO within month after renewal of CTE/CTO by HSPCB, to HWRA. If the CTE/CTO has been suspended or rejected, project proponent is required to intimate the same to HWRA within a week of such rejection or suspension.
30. Applicant to comply IS:10500:2012 standards before use of abstracted ground water for drinking & domestic purposes.
- 31.

Note: This is computer generated certificate, it can be validated by scanning QR code.



Note: This is computer generated certificate, it can be validated by scanning QR code.





GPS Map Camera

Jharli, Haryana, भारत 

F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.489625° Long 76.385857°

शुक्रवार, 07/11/2025 02:58 PM GMT +05:30



GPS Map Camera

Jharli, Haryana, भारत 
F9qp+r49, A, Jharli, Haryana 124141, भारत
Lat 28.489006° Long 76.386588°
बुधवार, 05/11/2025 12:00 PM GMT +05:30



GPS Map Camera

Jharli, Haryana, भारत 

F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.488996° Long 76.386514°

बुधवार, 05/11/2025 12:00 PM GMT +05:30



Google

Monthly Progress report

Apr-25 To Sept-25

| Project done in this month (ongoing or complete) | | | | | | |
|--|--------------------------|--|-------------------------------|---------------------------------------|--|------------------------------|
| SL No | Focus area | Name of the project | Proposal approved (Yes or No) | Project status (ongoing or completed) | Progress report (write up on output/outcomes) | Mode of Implementation |
| 1 | Health | Water Supply Through Water Tanker for Jharli Village / School | Yes On Going | Ongoing | <p>This will resolve the drinking water problems of the villagers/stakeholders.</p> <p>Pure & Hygienic drinking water provided to the locals which will directly impact on the social developments and enhancing the health condition of the locals.</p> <p>Also Provided Water Camper to Jharli school Children</p> | Direct (through Panchayat) |
| 2 | Health | Sanitation Work Mohanbari | Yes On Going | ongoing | <p>By doing this initiative, it will be improved overall cleaning at the public places & enhanced the quality of life for residents in the village through the sanitation initiatives</p> | Direct (Through Contractor) |
| 3 | Environment | Gardening Work Mohanbari | Yes On Going | ongoing | <p>The trimming and gardening of the Park will have an impact on the Health of the peoples, and it will get clean & green, and dust free area which have an impact on the environment.</p> | Direct (through Panchayat) |
| 4 | Rural Development | Infrastructure strengthening at community places in Mohanbari & Jharli Village | One Time | One Time | <p>Installed 2 Nos. Energy-efficient air conditioning unit in designated community facilities, one in Panchayat Office Mohanbari and one in the ESIC Dispensary Jharli.</p> | Direct (Through Vendor) |

| Project done in this month (ongoing or complete) | | | | | | |
|--|-------------------|---------------------------|----------------------------------|--|--|------------------------------|
| SL No | Focus area | Name of the project | Proposal approved (Yes or No) | Project status (ongoing or completed) | Progress report (write up on output/outcomes) | Mode of Implementation |
| 5 | Environment | Tree Plantation Driver | Yes One Time | One Time | Plantation drive in the Mohanbari Village and the Jharli Village to The initiative aimed to promote environmental sustainability and community engagement. | Direct (through Panchayat |
| 6 | Rural Development | CC Road at Jharli Village | Yes on Going | Ongoing | CC Road from Plant to Main Connecting Road for the smooth transition of Villagers and local persons | Direct (Through Contractor) |

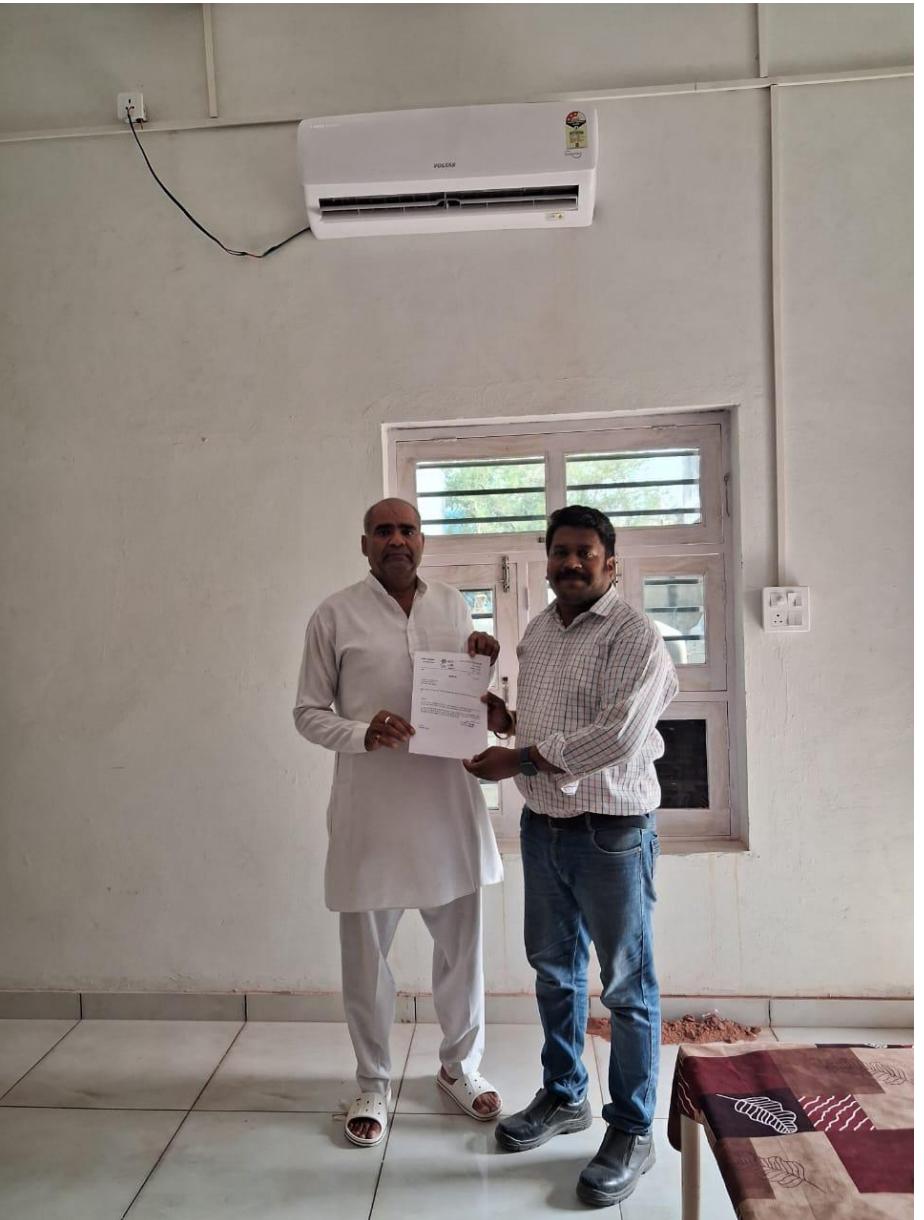
Photographs of the activities for Apr. 2025



Photographs of the activities for May. 2025



Photographs of the activities for June. 2025



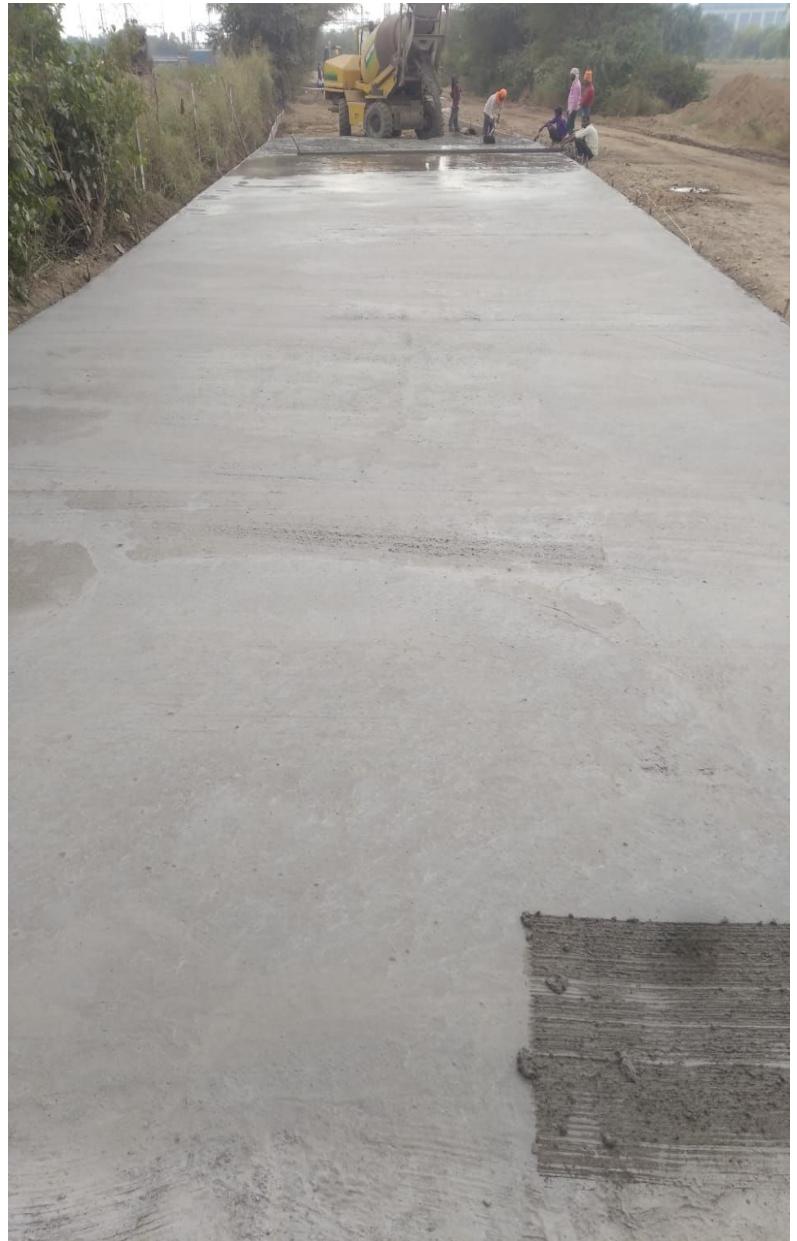
Photographs of the activities for July, 2025



Photographs of the activities for Aug. 2025



Photographs of the activities for Sept. 2025



| S No | CSR Expenditure | S.N CSR Head Amount in Rs. Lakhs |
|-------------|-------------------------|---|
| 1 | Health | 1.13 |
| 2 | Education | 0 |
| 3 | Environment | 0.95 |
| 4 | Rural Transformation | 6.97 |
| 5 | Disaster Relief & Other | 0 |
| | Total | 9.05 |



S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TC-11493

TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/21082025031
Sample I.D. : SREL/WW/21082025031
Sample Received : 21/08/2025
Date of Issue : 26/08/2025
Reference No. : TRF

(1) SAMPLE PARTICULARS

- (a) Name of the sample: Waste Water
- (b) Sample description : Sewage water before treatment
- (c) Sample Quantity : 2+1 Litre
- (d) Sample Pkg. Condition : Plastic Cane+ Glass Bottle

(2) Details of sampling

- (a) Date of sampling : 20/08/2025
- (b) Time of sampling : 11:30 Hrs.
- (c) Sampling Protocol :IS 17614 (P-3)
- (d) Equipment Used : N.A.
- (e) Sample Collected By : SREL
- (f) Sampling Location: STP Inlet

TEST RESULTS

| Test Started on: 21/08/2025 | | Test Completed on : 26/08/2025 | | |
|-----------------------------|--|--------------------------------|---------|--|
| S.No. | Parameters | Units | Results | Test Method |
| 1 | pH at 25°C | — | 7.73 | APHA 4500H+B, 24 th Ed 2023 |
| 2 | Total Suspended Solid | mg/l | 181.0 | APHA 2540-D, 24 th Ed 2023 |
| 3 | Biochemical Oxygen Demand for 3 days at 27°C | mg/l | 91.0 | IS : 3025 P-44 2023 |
| 4 | Chemical Oxygen Demand | mg/l | 230 | APHA 5220-B, 24 th Ed 2023 |
| 5 | Oil & Grease | mg/l | 7.4 | APHA 5520-B, 24 th Ed 2023 |
| 6 | Total Nitrogen (TKN) | mg/l | 22.6 | APHA 4500-N-B 24 th Ed 2023 |
| 7 | Phosphate (as P) | mg/l | 3.2 | APHA 4500-D 24 th Ed 2023 |

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Deepika Singh
Sr. Analyst



Authorized Signatory
Anjali Gupta
Technical Manager





S AND R ENVIROLAB LLP

Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/21082025031
Sample I.D. : SREL/WW/21082025031
Sample Received : 21/08/2025
Date of Issue : 26/08/2025
Reference No. : TRF

(1) SAMPLE PARTICULARS

- (a) Name of the sample :Waste Water
- (b) Sample description : Sewage water before treatment
- (c) Sample Quantity : 2 + 1 Litre
- (d) Sample Pkg. Condition : Plastic Cane+ Glass Bottle

(2) Details of sampling

- (a) Date of sampling : 20/08/2025
- (b) Time of sampling : 11:30 Hrs.
- (c) Sampling Protocol :IS 17614 (P-3)
- (d) Equipment Used : N.A.
- (e) Sample Collected By :SREL
- (f) Sampling Location: STP Inlet

TEST RESULTS

Test Started on: 21/08/2025

Test Completed on : 26/08/2025

| S.No. | Parameters | Units | Results | Test Method |
|-------|-----------------|-----------|---------|--|
| 1 | Faecal coliform | MPN/100ml | >1600 | APHA 9221 E & C 24 th Edi 2023 |

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- The results listed refer only to the tested sample and applicable parameter.
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report can not be reproduced, except when in full, without the written permission of the Director.
- The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Deepika Singh
Sr. Analyst



Authorized Signatory
Dr. Ramesh Chandra Tripathi
Quality Manager





S & R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TC-11493

TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jhajjar-124106
Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/13092025011
Sample I.D. : SREL/WW/13092025011
Sample Received : 13/09/2025
Date of Issue : 17/09/2025
Reference No. : TRF

(1) SAMPLE PARTICULARS

- (a) Name of the sample: Waste Water
- (b) Sample description : Sewage water before treatment
- (c) Sample Quantity : 2+1 Litre
- (d) Sample Pkg. Condition : Plastic Cane+ Glass Bottle

(2) Details of sampling

- (a) Date of sampling : 12/09/2025
- (b) Time of sampling : 10:30 Hrs.
- (c) Sampling Protocol :IS 17614 (P-3)
- (d) Equipment Used : N.A.
- (e) Sample Collected By : SREL
- (f) Sampling Location: STP Inlet

TEST RESULTS

Test Started on: 13/09/2025

Test Completed on : 17/09/2025

| S.No. | Parameters | Units | Results | Test Method |
|-------|--|-------|---------|--|
| 1 | pH at 25°C | — | 7.84 | APHA 4500H+B, 24 th Ed 2023 |
| 2 | Total Suspended Solid | mg/l | 205 | APHA 2540-D, 24 th Ed 2023 |
| 3 | Biochemical Oxygen Demand for 3 days at 27°C | mg/l | 113 | IS : 3025 P-44 2023 |
| 4 | Chemical Oxygen Demand | mg/l | 290 | APHA 5220-B, 24 th Ed 2023 |
| 5 | Oil & Grease | mg/l | 9.6 | APHA 5520-B, 24 th Ed 2023 |
| 6 | Total Nitrogen (TKN) | mg/l | 31.4 | APHA 4500-N-B 24 th Ed 2023 |
| 7 | Phosphate (as P) | mg/l | 3.9 | APHA 4500-D 24 th Ed 2023 |

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Deepika Singh
Sr. Analyst



Authorized Signatory
Anjali Gupta
Technical Manager



S AND R ENVIROLAB LLP

Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/13092025011
Sample I.D. : SREL/WW/13092025011
Sample Received : 13/09/2025
Date of Issue : 17/09/2025
Reference No. : TRF

(1) SAMPLE PARTICULARS

- (a) Name of the sample :Waste Water
- (b) Sample description : Sewage water before treatment
- (c) Sample Quantity : 2 + 1 Litre
- (d) Sample Pkg. Condition : Plastic Cane+ Glass Bottle

(2) Details of sampling

- (a) Date of sampling : 12/09/2025
- (b) Time of sampling : 10:30 Hrs.
- (c) Sampling Protocol : IS 17614 (P-3)
- (d) Equipment Used : N.A.
- (e) Sample Collected By : SREL
- (f) Sampling Location: STP Inlet

TEST RESULTS

Test Started on: 13/09/2025

Test Completed on : 17/09/2025

| S.No. | Parameters | Units | Results | Test Method |
|-------|-----------------|-----------|---------|--|
| 1 | Faecal coliform | MPN/100ml | >1600 | APHA 9221 E & C 24 th Edi 2023 |

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Deepika Singh
Sr. Analyst



Authorized Signatory
Dr. Ramesh Chandra Tripathi
Quality Manager





S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/13092025012
Sample I.D. : SREL/WW/13092025012
Sample Received : 13/09/2025
Date of Issue : 17/09/2025
Reference No. : TRF

(1) SAMPLE PARTICULARS

- (a) Name of the sample :Waste Water
- (b) Sample description : Sewage water after treatment
- (c) Sample Quantity : 2 + 1 Litre
- (d) Sample Pkg. Condition : Plastic Cane+ Glass Bottle

(2) Details of sampling

- (a) Date of sampling : 12/09/2025
- (b) Time of sampling : 10:50 Hrs.
- (c) Sampling Protocol : IS 17614 (P-3)
- (d) Equipment Used : N.A.
- (e) Sample Collected By : SREL
- (f) Sampling Location: STP Outlet

TEST RESULTS

Test Started on : 13/09/2025

Test Completed on : 17/09/2025

| S.No. | Parameters | Units | Results | Specification/Requirement (As per HSPCB) | Test Method |
|-------|---|-------|-------------|---|--|
| 1 | pH at 25°C | — | 7.18 | 5.5-9.0 | APHA 4500H+-B, 24 th Ed 2023 |
| 2 | Total Suspended Solid | mg/l | 15.6 | 20 | APHA 2540-D, 24 th Ed 2023 |
| 3 | Biochemical Oxygen Demand for 3 days at 27°C | mg/l | 8.0 | 10 | IS : 3025 P-44, 2023 |
| 4 | Chemical Oxygen Demand | mg/l | 35 | 50 | APHA 5220-B, 24 th Ed 2023 |
| 5 | Oil & Grease | mg/l | BDL(DL-3.0) | — | APHA 5520-B, 24 th Ed 2023 |
| 6 | Total Nitrogen (TKN) | mg/l | 3.6 | 10.0 | APHA 4500 -N-B 24 th Ed 2023 |
| 7 | Phosphate (as P) | mg/l | 0.54 | 1.0 | APHA 4500 -D 24 th Ed 2023 |

*BDL= Below detection limit, DL= Detection limit

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- The results listed refer only to the tested sample and applicable parameter.
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report can not be reproduced, except when in full, without the written permission of the Director.
- The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Deepika Singh
Sr. Analyst



Anjali Gupta
Authorised Signatory
Technical Manager



S AND R ENVIROLAB LLP

Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/13092025012
Sample I.D. : SREL/WW/13092025012
Sample Received : 13/09/2025
Date of Issue : 17/09/2025
Reference No. : TRF

(1) SAMPLE PARTICULARS

- (a) Name of the sample :Waste Water
- (b) Sample description : Sewage water after treatment
- (c) Sample Quantity : 2 + 1 Litre
- (d) Sample Pkg. Condition : Plastic Cane+ Glass Bottle

(2) Details of sampling

- (a) Date of sampling : 12/09/2025
- (b) Time of sampling : 10:50 Hrs.
- (c) Sampling Protocol :IS 17614 (P-3)
- (d) Equipment Used : N.A.
- (e) Sample Collected By : SREL
- (f) Sampling Location: STP Outlet

TEST RESULTS

Test Started on : 13/09/2025

Test Completed on : 17/09/2025

| S.No. | Parameters | Units | Results | Specification/Requirement (As per HSPCB) | Test Method |
|-------|-----------------|-----------|---------|---|--|
| 1 | Faecal coliform | MPN/100ML | 58 | 100 | APHA 9221 E & C 24 th Edi 2023 |

Remark : NA
Opinion/Interpretation

End of Report

Note:-

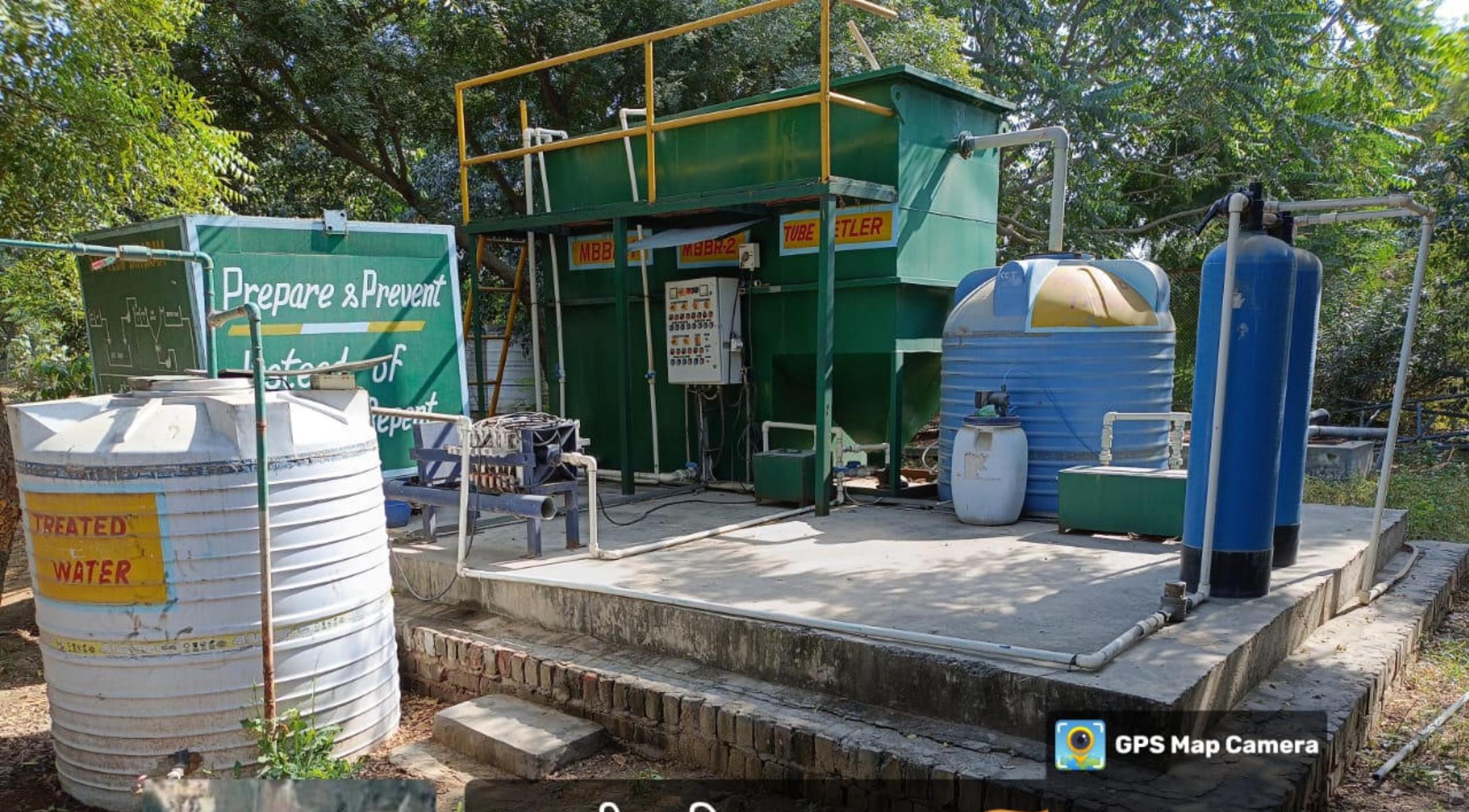
- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Deepika
Checked By
Deepika Singh
Sr. Analyst



Dr. Ramesh Chandra Tripathi
Authorized Signatory
Quality Manager
Dr. Ramesh Chandra Tripathi
Authorized Signatory
Quality Manager





Google



GPS Map Camera

झाड़ली, हरियाणा, भारत 

F9rm+4pv, Near J. K. Cement Works, झाड़ली,
हरियाणा 124141, भारत

Lat 28.491878° Long 76.384426°
बुधवार, 05/11/2025 12:17 PM GMT +05:30

J.K. CEMENT WORKS, JHARLI**Ambient Noise Monitoring Data in dB(A)****Monthly Average****Q-1&2 FY 2025-26**

| Location | Gate No -1 | | Gate No -2 | | Near Wagon Tippler | | Railway Line Side | |
|----------|------------|------|------------|------|--------------------|------|-------------------|------|
| | Month | Day | Night | Day | Night | Day | Night | Day |
| Apr-25 | 63.9 | 58.5 | 62.9 | 58.6 | 67.5 | 60.3 | 55.9 | 48.2 |
| | 64.7 | 60.4 | 63.7 | 58.8 | 65.4 | 58.5 | 58.7 | 50.2 |
| Average | 64.3 | 59.5 | 63.3 | 58.7 | 66.5 | 59.4 | 57.3 | 49.2 |
| May-25 | 64.7 | 57.8 | 65.6 | 59.4 | 67.5 | 60.2 | 55.8 | 48.6 |
| | 66.5 | 60.2 | 66.5 | 58.6 | 65.1 | 61.4 | 58.4 | 50.5 |
| Average | 65.6 | 59.0 | 66.1 | 59.0 | 66.3 | 60.8 | 57.1 | 49.6 |
| Jun-25 | 63.8 | 58.2 | 66.2 | 57.0 | 66.1 | 61.4 | 54.2 | 47.5 |
| | 65.4 | 60.4 | 65.7 | 59.4 | 62.8 | 58.3 | 55.9 | 46.4 |
| Average | 64.6 | 59.3 | 66.0 | 58.2 | 64.5 | 59.9 | 55.1 | 47.0 |
| Jul-25 | 62.6 | 59.4 | 64.5 | 58.3 | 63.9 | 60.4 | 53.6 | 48.2 |
| | 64.1 | 61.4 | 62.7 | 58.3 | 60.8 | 57.6 | 52.2 | 46.5 |
| Average | 63.4 | 60.4 | 63.6 | 58.3 | 62.4 | 59.0 | 52.9 | 47.4 |
| Aug-25 | 61.7 | 58.4 | 63.2 | 57.9 | 62.5 | 59.7 | 54.4 | 49.3 |
| | 62.3 | 59.5 | 63.5 | 56.9 | 61.4 | 58.6 | 52.5 | 44.5 |
| Average | 62.0 | 59.0 | 63.4 | 57.4 | 62.0 | 59.2 | 53.5 | 46.9 |
| Sep-25 | 60.5 | 57.2 | 62.6 | 58.3 | 63.4 | 58.4 | 52.6 | 44.8 |
| | 61.7 | 56.5 | 61.7 | 57.4 | 61.7 | 56.9 | 53.8 | 45.3 |
| Average | 61.1 | 56.9 | 62.2 | 57.9 | 62.6 | 57.7 | 53.2 | 45.1 |



S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



Issued to: M/S JK Cement Works
Mohan Bari Road Jharli
Distt- Jhajjar-124106 (Haryana)

Test Report No. : SREL/E/07042025010
Sample I.D. : SREL/AN/07042025010
Sample Received : 07/04/2025
Date of Issue : 11/04/2025
Reference No. : TRF

TEST REPORT

Page : 1 of 1

SAMPLE PARTICULARS

Name of the Sample

Details of Sampling

| | |
|----------------------------|---|
| 1. Date & Time of Sampling | : 05.04.2025 AT 10:30 AM To 06.04.2025 10:30 AM |
| 2. Sampling Protocol | : IS: 9989 |
| 3. Equipment Used | : Sound Level Meter |
| 4. Sampling Done By | : SREL |
| 5. Duration of Sampling | : 24 Hrs. |
| 6. Sampling Location | : Near Gate No.: 1 |

: Ambient Noise Level Testing

TEST RESULTS

Test Started on : 07/04/2025

Test Completed on : 11/04/2025

| S. No. | Parameters | Units | Test Results | Specifications/Requirements As per CPCB (Industrial Area) | Test Method |
|--------|------------------|-------|--------------|---|--------------------|
| 1. | Lmax. | dB(A) | 71.9 | — | IS : 9989, 1981 |
| 2. | Lmin. | dB(A) | 52.6 | — | |
| 3. | Leq (Day Time) | dB(A) | 63.9 | 75.0 | |
| 4. | Leq (Night Time) | dB(A) | 58.5 | 70.0 | |

Day Time shall mean from 6:00AM TO 10:00PM

Night Time shall mean from 10:00PM TO 06:00AM

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Director- Technical



S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



TC-11493

TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli
Distt- Jhajjar-124106 (Haryana)

Test Report No. : SREL/E/07042025011
Sample I.D. : SREL/AN/07042025011
Sample Received : 07/04/2025
Date of Issue : 11/04/2025
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample

Details of Sampling

1. Date & Time of Sampling : 05.04.2025 AT 10:40 AM To 06.04.2025 10:40 AM
2. Sampling Protocol : IS: 9989
3. Equipment Used : Sound Level Meter
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No.: 2

TEST RESULTS

Test Started on : 07/04/2025

Test Completed on : 11/04/2025

| S. No. | Parameters | Units | Test Results | Specifications/Requirements As per CPCB (Industrial Area) | Test Method |
|--------|------------------|-------|--------------|---|--------------------|
| 1. | Lmax. | dB(A) | 70.5 | — | IS : 9989, 1981 |
| 2. | Lmin. | dB(A) | 55.8 | — | |
| 3. | Leq (Day Time) | dB(A) | 62.9 | 75.0 | |
| 4. | Leq (Night Time) | dB(A) | 58.6 | 70.0 | |

Day Time shall mean from 6:00AM TO 10:00PM

Night Time shall mean from 10:00PM TO 06:00AM

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Director- Technical



S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



Issued to: M/S JK Cement Works
Mohan Bari Road Jharli
Distt- Jhajjar-124106 (Haryana)

Test Report No. : SREL/E/07042025012
Sample I.D. : SREL/AN/07042025012
Sample Received : 07/04/2025
Date of Issue : 11/04/2025
Reference No. : TRF

TEST REPORT

Page : 1 of 1

SAMPLE PARTICULARS

Name of the Sample

Details of Sampling

| | |
|----------------------------|---|
| 1. Date & Time of Sampling | : 05.04.2025 AT 11:10 AM To 06.04.2025 11:10 AM |
| 2. Sampling Protocol | : IS: 9989 |
| 3. Equipment Used | : Sound Level Meter |
| 4. Sampling Done By | : SREL |
| 5. Duration of Sampling | : 24 Hrs. |
| 6. Sampling Location | : Near Wagon Tripper |

: Ambient Noise Level Testing

TEST RESULTS

| Test Started on : 07/04/2025 | | | Test Completed on : 11/04/2025 | | |
|------------------------------|------------------|-------|--------------------------------|---|--------------------|
| S. No. | Parameters | Units | Test Results | Specifications/Requirements As per CPCB (Industrial Area) | Test Method |
| 1. | Lmax. | dB(A) | 73.4 | — | IS : 9989, 1981 |
| 2. | Lmin. | dB(A) | 58.2 | — | |
| 3. | Leq (Day Time) | dB(A) | 67.5 | 75.0 | |
| 4. | Leq (Night Time) | dB(A) | 60.3 | 70.0 | |

Day Time shall mean from 6:00AM TO 10:00PM

Night Time shall mean from 10:00PM TO 06:00AM

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Director- Technical
Plot No. 96, Sector 7



S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory
(ISO 9001 | ISO 14001 | OHSAS 45001 Certified Laboratory)



Issued to: M/S JK Cement Works
Mohan Bari Road Jharli
Distt- Jhajjar-124106 (Haryana)

Test Report No. : SREL/E/07042025013
Sample I.D. : SREL/AN/07042025013
Sample Received : 07/04/2025
Date of Issue : 11/04/2025
Reference No. : TRF

TEST REPORT

Page : 1 of 1

SAMPLE PARTICULARS

| | |
|----------------------------|---|
| Name of the Sample | : Ambient Noise Level Testing |
| Details of Sampling | |
| 1. Date & Time of Sampling | : 05.04.2025 AT 10:50 AM To 06.04.2025 10:50 AM |
| 2. Sampling Protocol | : IS : 9989 |
| 3. Equipment Used | : Sound Level Meter |
| 4. Sampling Done By | : SREL |
| 5. Duration of Sampling | : 24 Hrs. |
| 6. Sampling Location | : Railway Line Side |

TEST RESULTS

| Test Started on : 07/04/2025 | | | Test Completed on: 11/04/2025 | | |
|------------------------------|------------------|-------|-------------------------------|---|-----------------|
| S. No. | Parameters | Units | Test Results | Specifications/Requirements As per CPCB (Industrial Area) | Test Method |
| 1. | Lmax. | dB(A) | 65.3 | — | IS : 9989, 1981 |
| 2. | Lmin. | dB(A) | 45.4 | — | |
| 3. | Leq (Day Time) | dB(A) | 55.9 | 75.0 | |
| 4. | Leq (Night Time) | dB(A) | 48.2 | 70.0 | |

Day Time shall mean from 6:00AM TO 10:00PM

Night Time shall mean from 10:00PM TO 06:00AM

Remark : NA

Opinion/Interpretation

End of Report

Note:-

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)

Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Director- Technical

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana),Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : **Mr Dheeraj Bhora 2101359**
Age/Gender : 32 Yrs/Male
P. ID No. : 1000202510284058
Accession No : **1000L202510280469**
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:55:13 PM
Sample Collected on : 29/10/2025 11:40:33 AM
Sample Received on : 29/10/2025 04:03:50 PM
Report Released on : 29/10/2025 07:56:36 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

MEDICAL TEST PACKAGE 1

Haemogram(CBC+ESR)



Complete Blood Count (CBC)

Whole Blood, EDTA

| | | | |
|---|-----------------|-------------------|------------------|
| Haemoglobin (Hb) | 16.10 | 13.00 - 17.00 | gm/dL |
| Total WBC Count / TLC | 7.12 | 4.00 - 10.00 | thou/ μ L |
| DLC (Differential Leucocyte Count) | | | |
| Neutrophils | 62.00 | 40.00 - 80.00 | % |
| Lymphocytes | 28.00 | 20.00 - 40.00 | % |
| Eosinophils | 3.00 | 1.00 - 6.00 | % |
| Monocytes | 7.00 | 2.00 - 10.00 | % |
| Basophils | 0.00 | 0.00 - 2.00 | % |
| Absolute Neutrophil Count (ANC) | 4414.40 | 2000.00 - 7000.00 | / μ L |
| Absolute Lymphocyte Count | 1993.60 | 1000.00 - 3000.00 | / μ L |
| Absolute Eosinophil Count (AEC) | 213.60 | 20.00 - 500.00 | / μ L |
| Absolute Monocyte Count | 498.40 | 200.00 - 1000.00 | / μ L |
| Absolute Basophil Count | 0.00 | 0.00 - 100.00 | / μ L |
| RBC Count | 4.99 | 4.50 - 5.50 | million/ μ L |
| PCV / Hematocrit | 51.90 H | 40.00 - 50.00 | % |
| MCV | 104.00 H | 83.00 - 101.00 | fL |
| MCH | 32.30 H | 27.00 - 32.00 | pg |
| MCHC | 31.00 L | 31.50 - 34.50 | gm/dL |
| RDW (Red Cell Distribution Width) | 14.40 | 11.80 - 15.60 | % |
| Platelet Count | 444.00 H | 150.00 - 410.00 | thou/ μ L |
| MPV (Mean Platelet Volume) | 9.60 | 6.80 - 10.90 | fL |

Method : Photometric,Fluorescence flowcytometry & microscopy,Calculated,Impedance



1000L202510280469

NATIONAL REFERENCE LAB

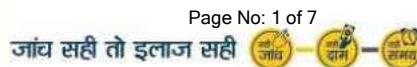
PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 1 of 7



Please scan the QR code to check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Dheeraj Bhora 2101359
 Age/Gender : 32 Yrs/Male
 P. ID No. : 1000202510284058
Accession No : 1000L202510280469
 Referring Doctor :
 Referred By : Self

Billing Date : 28/10/2025 11:55:13 PM
 Sample Collected on : 29/10/2025 11:40:33 AM
 Sample Received on : 29/10/2025 04:03:50 PM
 Report Released on : 29/10/2025 07:56:36 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|--|----------|--|-------------|
|  Erythrocyte Sedimentation Rate (ESR) | 17.00 H | 0.00 - 10.00 | mm Ist Hour |
| <i>Sample : Whole Blood, EDTA</i> <i>Method : Automated - Capillary photometry / Mod. Westergren method</i> | | | |
|  Fasting Plasma Glucose | 84.90 | Normal : 74 - 99 Impaired Fasting Glucose : 100 - 125 Diabetes : > 126 | mg/dL |
| <i>Sample : Plasma Fluoride - Fasting</i> <i>Method : Hexokinase</i> | | | |
|  Glucose Post Prandial | 82.90 | 70.00 - 140.00 | mg/dL |
| <i>Sample : Plasma Fluoride - Post Prandial</i> <i>Method : Hexokinase</i> | | | |
|  Lipid Profile | | | |
| <i>Sample : Serum</i> | | | |
| Total Cholesterol | 237.00 H | No Risk : < 200 Moderate Risk : 200 - 239 High Risk : > 240 | mg/dL |
| <i>Method : Cholesterol Oxidase, Esterase, Peroxidase</i> | | | |
| Triglycerides | 136.00 | Desirable : < 150 Boderline High : 150 - 199 High : 200 - 499 Very High : >=500 | mg/dL |
| <i>Method : GPO POD</i> | | | |
| LDL Cholesterol (Calculated) | 175.50 H | 0.00 - 100.00 | mg/dL |
| <i>Method : Calculated</i> | | | |
| HDL Cholesterol | 34.30 L | Low : < 40 Optimal : 40 - 60 High > 60 | mg/dL |
| <i>Method : ESTERASE, CHO, POD</i> | | | |
| VLDL Cholesterol | 27.20 | Desirable : 10 - 35 | mg/dL |
| <i>Method : Calculated</i> | | | |



1000L202510280469

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Dheeraj Bhora 2101359
 Age/Gender : 32 Yrs/Male
 P. ID No. : 1000202510284058
Accession No : 1000L202510280469
 Referring Doctor :
 Referred By : Self

Billing Date : 28/10/2025 11:55:13 PM
 Sample Collected on : 29/10/2025 11:40:33 AM
 Sample Received on : 29/10/2025 04:03:50 PM
 Report Released on : 29/10/2025 07:56:36 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|---|-----------------|--|--------|
| Total Cholesterol / HDL Ratio <i>Method : Calculated</i> | 6.91 H | Low Risk : 3.3 - 4.4 Average Risk : 4.5 - 7.0 Moderate Risk : 7.1 - 11.0 High Risk : > 11.0 | Ratio |
| LDL / HDL Ratio <i>Method : Calculated</i> | 5.12 H | Low Risk : 0.5 - 3.0 Moderate Risk : 3.1 - 6.0 High Risk : > 6.0 | Ratio |
| Non HDL Cholesterol <i>Method : Calculated</i> | 202.70 H | 0.00 - 130.00 | mg/dL |
|  Blood Urea <i>Sample : Serum Method : Urease UV</i> | 22.00 | 19.00 - 44.00 | mg/dL |
|  Creatinine <i>Sample : Serum Method : Jaffe Kinetic IDMS</i> | 0.72 | 0.70 - 1.30 | mg/dL |
|  Uric Acid <i>Sample : Serum Method : Uricase</i> | 4.29 | 3.40 - 7.00 | mg/dL |
|  Sodium <i>Sample : Serum Method : ISE-Indirect</i> | 142.00 | 136.00 - 145.00 | mmol/L |
|  Potassium <i>Sample : Serum Method : ISE-Indirect</i> | 4.83 | 3.50 - 5.10 | mmol/L |



1000L202510280469

NATIONAL REFERENCE LAB

PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 3 of 7

जांच सही तो इलाज सही

Please scan the QR code to check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana),Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : **Mr Dheeraj Bhora 2101359**
Age/Gender : 32 Yrs/Male
P. ID No. : 1000202510284058
Accession No : **1000L202510280469**
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:55:13 PM
Sample Collected on : 29/10/2025 11:40:33 AM
Sample Received on : 29/10/2025 04:03:50 PM
Report Released on : 29/10/2025 07:56:36 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

Bilirubin (Total, Direct & Indirect)

Sample : Serum

Bilirubin Total 0.37 0.00 - 1.20 mg/dL
Method : DIAZO

Bilirubin Direct 0.14 0.00 - 0.20 mg/dL
Method : DIAZO

Serum Bilirubin (Indirect) 0.23 0.00 - 0.90 mg/dL
Method : Calculated

Urine Routine & Microscopic Examination

Sample : Urine, Random

Colour, Urine Pale Yellow Pale Yellow ---
Method : Physical Examination

Appearance Clear Clear ---
Method : Physical Examination

Specific Gravity 1.015 1.00 - 1.04 ---
Method : pKa change of pretreated polyelectrolytes

pH 6.00 4.70 - 7.50 ---
Method : Double indicator principle

Glucose Not Detected Not Detected ---
Method : Glucose oxidase/peroxidase

Protein Not Detected Not Detected ---
Method : Protein-Error of indications Principle

Ketones Not Detected Not Detected ---
Method : Sodium Nitroprusside Reaction

Blood Not Detected Not Detected ---
Method : Peroxidase

Leucocyte Not Detected Not Detected ---



1000L202510280469

NATIONAL REFERENCE LAB

PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 4 of 7

जांच सही तो इलाज सही

Please scan the QR code to
 check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : **Mr Dheeraj Bhora 2101359**
Age/Gender : 32 Yrs/Male
P. ID No. : 1000202510284058
Accession No : **1000L202510280469**
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:55:13 PM
Sample Collected on : 29/10/2025 11:40:33 AM
Sample Received on : 29/10/2025 04:03:50 PM
Report Released on : 29/10/2025 07:56:36 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|---|---|--------------------------|------|
| Bilirubin <i>Method : Diazo reaction</i> | Not Detected | Not Detected | --- |
| Urobilinogen <i>Method : Ehrlich's Reaction</i> | Normal | Normal | --- |
| Nitrite <i>Method : Nitrite Test</i> | Not Detected | Not Detected | --- |
| Pus Cells <i>Method : Microscopy</i> | 1-2 | 0-5 | /hpf |
| RBC <i>Method : Microscopy</i> | Not Detected | 0-2 | /hpf |
| Epithelial Cells <i>Method : Microscopy</i> | 0-1 | 0-5 | /hpf |
| Casts <i>Method : Microscopy</i> | Not Detected | Not Detected | --- |
| Crystals <i>Method : Microscopy</i> | Not Detected | Not Detected | --- |
| Bacteria <i>Method : Microscopy</i> | Not Detected | Not Detected | --- |
| Remarks <i>Method : Manual</i> | Microscopic examination has been performed on urine sediment. | | |

Interpretation

Bilirubin (Total, Direct & Indirect)

No ranges available for Indirect bilirubin as it is a calculated parameter.

Note: Neonatal bilirubin ranges have been incorporated from Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 4th South Asia Edition. The ranges should however be correlated with newborns clinical condition and maturity.

Creatinine

Serum creatinine is inversely correlated with glomerular filtration rate (GFR). Increased levels of Serum Creatinine is associated with renal dysfunction.



1000L202510280469

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Dheeraj Bhora 2101359
Age/Gender : 32 Yrs/Male
P. ID No. : 1000202510284058
Accession No : 1000L202510280469
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:55:13 PM
Sample Collected on : 29/10/2025 11:40:33 AM
Sample Received on : 29/10/2025 04:03:50 PM
Report Released on : 29/10/2025 07:56:36 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
| | | | |

Glucose Post Prandial

The diagnosis of Diabetes requires a fasting plasma glucose of > or = 126 mg/dL and/or a random / 2 hr post glucose value of > or = 200 mg/dL on at least 2 occasions. If fasting plasma glucose values are between 100 to 125 mg/dL, then patient is considered to be prediabetic and should look at lifestyle modifications and be on follow up

Potassium

Potassium (K+) is the major intracellular cation. It regulates neuromuscular excitability, heart contractility, intracellular fluid volume, and hydrogen ion concentration. High levels of serum Potassium is seen in acute renal disease and end-stage renal failure due to decreased excretion. Levels are also high during the diuretic phase of acute tubular necrosis, during administration of non-potassium sparing diuretic therapy, and during states of excess mineralocorticoid or glucocorticoid.

Sodium

Serum Sodium estimation is performed to assess acid-base balance, water balance, water intoxication, and dehydration.

Uric Acid

Uric acid is the final product of purine metabolism. Serum uric acid levels are raised in case of increased purine synthesis, inherited metabolic disorder, excess dietary purine intake, increased nucleic acid turnover, malignancy and cytotoxic drugs. Decreased levels are seen in chronic renal failure, severe hepatocellular disease with reduced purine synthesis, defective renal tubular reabsorption, overtreatment of hyperuricemia with allopurinol, as well as some cancer therapies.

Lipid Profile

Lipid Profile consist of Triglycerides, Cholesterol and other lipoprotein fractions in serum. The levels reflect the status of Lipid metabolism in the body, collectively they aid in the diagnosis of various abnormal hyper lipidaemias. Analysis of Lipids has assumed greater importance due to increasing prevalence rates of Ischaemic Heart Diseases (IHD).

NCEP (ATP III) Guidelines.

Urine Routine & Microscopic Examination

Urine routine examination and microscopy comprises of a set of screening tests that can detect some common diseases like urinary tract infections, kidney disorders, liver problems, diabetes or other metabolic conditions. Physical characteristics (colour and appearance), chemical composition (glucose, protein, ketone, blood, bilirubin and urobilinogen) and microscopic content (pus cells, epithelial cells, RBCs, casts and crystals) are analyzed and reported.



1000L202510280469

NATIONAL REFERENCE LAB

PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 6 of 7

जांच सही तो इलाज सही

Please scan the QR code to check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Dheeraj Bhora 2101359
Age/Gender : 32 Yrs/Male
P. ID No. : 1000202510284058
Accession No : 1000L202510280469
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:55:13 PM
Sample Collected on : 29/10/2025 11:40:33 AM
Sample Received on : 29/10/2025 04:03:50 PM
Report Released on : 29/10/2025 07:56:36 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
| | | | |

Complete Blood Count (CBC)

CBC comprises of estimation of the cellular components of blood including RBCs, WBCs and Platelets. Mean corpuscular volume (MCV) is a measure of the size of the average RBC, MCH is a measure of the hemoglobin content of the average RBC and MCHC is the hemoglobin concentration per RBC. The red cell distribution width (RDW) is a measure of the degree of variation in RBC size (anisocytosis) and is helpful in distinguishing between some anemias. CBC examination is used as a screening tool to confirm a hematologic disorder, to establish or rule out a diagnosis, to detect an unsuspected hematologic disorder, or to monitor effects of radiation or chemotherapy. Abnormal results may be due to a primary disorder of the cell-producing organs or an underlying disease. Results should be interpreted in conjunction with the patient's clinical picture and appropriate additional testing performed.

Erythrocyte Sedimentation Rate (ESR)

The erythrocyte sedimentation rate (ESR) is a simple but non-specific test that helps to detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases.

** End of Report **

Authenticated By



Dr Aarti Nagpal
 MBBS, DNB (Pathology)
 HOD- Hemat & Biochem



Dr. Samiksha Ahlawat
 MBBS, MD (Pathology)
 Consultant- Hematology



Tests marked with NABL symbol are accredited by NABL vide Certificate No. MC- 3055



1000L202510280469

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana),Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr RAMBAJAN CHODHARY 1400500100
Age/Gender : 30 Yrs/Male
P. ID No. : 1000202510283836
Accession No : 1000L202510280247
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:43:30 PM
Sample Collected on : 29/10/2025 11:36:29 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 06:41:13 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

MEDICAL TEST PACKAGE 2

Haemogram(CBC+ESR)



Complete Blood Count (CBC)

Whole Blood, EDTA

| | | | |
|---|----------------|-------------------|------------------|
| Haemoglobin (Hb) | 14.30 | 13.00 - 17.00 | gm/dL |
| Total WBC Count / TLC | 7.64 | 4.00 - 10.00 | thou/ μ L |
| DLC (Differential Leucocyte Count) | | | |
| Neutrophils | 47.00 | 40.00 - 80.00 | % |
| Lymphocytes | 39.00 | 20.00 - 40.00 | % |
| Eosinophils | 5.00 | 1.00 - 6.00 | % |
| Monocytes | 9.00 | 2.00 - 10.00 | % |
| Basophils | 0.00 | 0.00 - 2.00 | % |
| Absolute Neutrophil Count (ANC) | 3590.80 | 2000.00 - 7000.00 | / μ L |
| Absolute Lymphocyte Count | 2979.60 | 1000.00 - 3000.00 | / μ L |
| Absolute Eosinophil Count (AEC) | 382.00 | 20.00 - 500.00 | / μ L |
| Absolute Monocyte Count | 687.60 | 200.00 - 1000.00 | / μ L |
| Absolute Basophil Count | 0.00 | 0.00 - 100.00 | / μ L |
| RBC Count | 4.75 | 4.50 - 5.50 | million/ μ L |
| PCV / Hematocrit | 45.50 | 40.00 - 50.00 | % |
| MCV | 95.80 | 83.00 - 101.00 | fL |
| MCH | 30.10 | 27.00 - 32.00 | pg |
| MCHC | 31.40 L | 31.50 - 34.50 | gm/dL |
| RDW (Red Cell Distribution Width) | 13.20 | 11.80 - 15.60 | % |
| Platelet Count | 204.00 | 150.00 - 410.00 | thou/ μ L |
| MPV (Mean Platelet Volume) | 13.40 H | 6.80 - 10.90 | fL |

Method : Photometric,Fluorescence flowcytometry & microscopy,Calculated,Impedance



1000L202510280247

NATIONAL REFERENCE LAB

PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 1 of 7



Please scan the QR code to
check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr RAMBAJAN CHODHARY 1400500100
Age/Gender : 30 Yrs/Male
P. ID No. : 1000202510283836
Accession No : 1000L202510280247
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:43:30 PM
Sample Collected on : 29/10/2025 11:36:29 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 06:41:13 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|--|----------|--|-------------|
|  Erythrocyte Sedimentation Rate (ESR) | 2.00 | 0.00 - 10.00 | mm Ist Hour |
| <i>Sample : Whole Blood, EDTA</i> <i>Method : Automated - Capillary photometry / Mod. Westergren method</i> | | | |
|  Glucose Random | 94.70 | 70.00 - 140.00 | mg/dL |
| <i>Sample : Plasma Fluoride - Random</i> <i>Method : Hexokinase</i> | | | |
|  Lipid Profile | | | |
| <i>Sample : Serum</i> | | | |
| Total Cholesterol <i>Method : Cholesterol Oxidase, Estrase, Peroxidase</i> | 186.60 | No Risk : < 200 Moderate Risk : 200 - 239 High Risk : > 240 | mg/dL |
| Triglycerides <i>Method : GPO POD</i> | 74.50 | Desirable : < 150 Boderline High : 150 - 199 High : 200 - 499 Very High : >=500 | mg/dL |
| LDL Cholesterol (Calculated) <i>Method : Calculated</i> | 101.60 H | 0.00 - 100.00 | mg/dL |
| HDL Cholesterol <i>Method : ESTERASE, CHO, POD</i> | 70.10 H | Low : < 40 Optimal : 40 - 60 High > 60 | mg/dL |
| VLDL Cholesterol <i>Method : Calculated</i> | 14.90 | Desirable : 10 - 35 | mg/dL |
| Total Cholesterol / HDL Ratio <i>Method : Calculated</i> | 2.66 L | Low Risk : 3.3 - 4.4 Average Risk : 4.5 - 7.0 Moderate Risk : 7.1 - 11.0 | Ratio |



1000L202510280247

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr RAMBAJAN CHODHARY 1400500100
Age/Gender : 30 Yrs/Male
P. ID No. : 1000202510283836
Accession No : 1000L202510280247
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:43:30 PM
Sample Collected on : 29/10/2025 11:36:29 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 06:41:13 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|---|--------|--|--------|
| LDL / HDL Ratio <i>Method : Calculated</i> | 1.45 | High Risk : > 11.0 Low Risk : 0.5 - 3.0 Moderate Risk : 3.1 - 6.0 High Risk : > 6.0 | Ratio |
| Non HDL Cholesterol <i>Method : Calculated</i> | 116.50 | 0.00 - 130.00 | mg/dL |
|  Blood Urea <i>Sample : Serum Method : Urease UV</i> | 33.50 | 19.00 - 44.00 | mg/dL |
|  Creatinine <i>Sample : Serum Method : Jaffe Kinetic IDMS</i> | 0.78 | 0.70 - 1.30 | mg/dL |
|  Uric Acid <i>Sample : Serum Method : Uricase</i> | 5.50 | 3.40 - 7.00 | mg/dL |
|  Sodium <i>Sample : Serum Method : ISE-Indirect</i> | 139.00 | 136.00 - 145.00 | mmol/L |
|  Potassium <i>Sample : Serum Method : ISE-Indirect</i> | 4.68 | 3.50 - 5.10 | mmol/L |
|  Bilirubin (Total, Direct & Indirect) <i>Sample : Serum</i> | | | |



1000L202510280247

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr RAMBAJAN CHODHARY 1400500100
Age/Gender : 30 Yrs/Male
P. ID No. : 1000202510283836
Accession No : 1000L202510280247
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:43:30 PM
Sample Collected on : 29/10/2025 11:36:29 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 06:41:13 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|---|--------|--------------------------|-------|
| Bilirubin Total <i>Method : DIAZO</i> | 0.57 | 0.00 - 1.20 | mg/dL |
| Bilirubin Direct <i>Method : DIAZO</i> | 0.22 H | 0.00 - 0.20 | mg/dL |
| Serum Bilirubin (Indirect) <i>Method : Calculated</i> | 0.35 | 0.00 - 0.90 | mg/dL |

Urine Routine & Microscopic Examination

Sample : Urine, Random

| | | | |
|--|--------------|--------------|-----|
| Colour, Urine <i>Method : Physical Examination</i> | Pale Yellow | Pale Yellow | --- |
| Appearance <i>Method : Physical Examination</i> | Clear | Clear | --- |
| Specific Gravity <i>Method : pKa change of pretreated polyelectrolytes</i> | 1.020 | 1.00 - 1.04 | --- |
| pH <i>Method : Double indicator principle</i> | 6.00 | 4.70 - 7.50 | --- |
| Glucose <i>Method : Glucose oxidase/peroxidase</i> | Not Detected | Not Detected | --- |
| Protein <i>Method : Protein-Error of indications Principle</i> | Not Detected | Not Detected | --- |
| Ketones <i>Method : Sodium Nitroprusside Reaction</i> | Not Detected | Not Detected | --- |
| Blood <i>Method : Peroxidase</i> | Not Detected | Not Detected | --- |
| Leucocyte <i>Method : Manual</i> | Not Detected | Not Detected | --- |
| Bilirubin <i>Method : Diazo reaction</i> | Not Detected | Not Detected | --- |



1000L202510280247

NATIONAL REFERENCE LAB

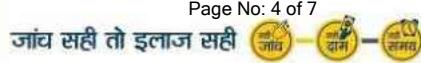
PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 4 of 7



Please scan the QR code to check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr RAMBAJAN CHODHARY 1400500100
Age/Gender : 30 Yrs/Male
P. ID No. : 1000202510283836
Accession No : 1000L202510280247
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:43:30 PM
Sample Collected on : 29/10/2025 11:36:29 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 06:41:13 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|---|---|--------------------------|------|
| Urobilinogen <i>Method : Ehrlich's Reaction</i> | Normal | Normal | --- |
| Nitrite <i>Method : Nitrite Test</i> | Not Detected | Not Detected | --- |
| Pus Cells <i>Method : Microscopy</i> | 1-2 | 0-5 | /hpf |
| RBC <i>Method : Microscopy</i> | Not Detected | 0-2 | /hpf |
| Epithelial Cells <i>Method : Microscopy</i> | 0-1 | 0-5 | /hpf |
| Casts <i>Method : Microscopy</i> | Not Detected | Not Detected | --- |
| Crystals <i>Method : Microscopy</i> | Not Detected | Not Detected | --- |
| Bacteria <i>Method : Microscopy</i> | Not Detected | Not Detected | --- |
| Remarks <i>Method : Manual</i> | Microscopic examination has been performed on urine sediment. | | |

Interpretation

Bilirubin (Total, Direct & Indirect)

No ranges available for Indirect bilirubin as it is a calculated parameter.

Note: Neonatal bilirubin ranges have been incorporated from Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 4th South Asia Edition. The ranges should however be correlated with newborns clinical condition and maturity.

Creatinine

Serum creatinine is inversely correlated with glomerular filtration rate (GFR). Increased levels of Serum Creatinine is associated with renal dysfunction.

Potassium

Potassium (K⁺) is the major intracellular cation. It regulates neuromuscular excitability, heart contractility, intracellular fluid volume, and hydrogen ion concentration. High levels of serum Potassium is seen in acute renal disease and end-



1000L202510280247

NATIONAL REFERENCE LAB
PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram
 care@pathkindlabs.com | www.pathkindlabs.com
 Customer Care: 75000-75111

Page No: 5 of 7

जांच सही तो इलाज सही

Please scan the QR code to
 check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr RAMBAJAN CHODHARY 1400500100
Age/Gender : 30 Yrs/Male
P. ID No. : 1000202510283836
Accession No : 1000L202510280247
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:43:30 PM
Sample Collected on : 29/10/2025 11:36:29 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 06:41:13 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

stage renal failure due to decreased excretion. Levels are also high during the diuretic phase of acute tubular necrosis, during administration of non-potassium sparing diuretic therapy, and during states of excess mineralocorticoid or glucocorticoid.

Sodium

Serum Sodium estimation is performed to assess acid-base balance, water balance, water intoxication, and dehydration.

Uric Acid

Uric acid is the final product of purine metabolism. Serum uric acid levels are raised in case of increased purine synthesis, inherited metabolic disorder, excess dietary purine intake, increased nucleic acid turnover, malignancy and cytotoxic drugs. Decreased levels are seen in chronic renal failure, severe hepatocellular disease with reduced purine synthesis, defective renal tubular reabsorption, overtreatment of hyperuricemia with allopurinol, as well as some cancer therapies.

Lipid Profile

Lipid Profile consist of Triglycerides, Cholesterol and other lipoprotein fractions in serum. The levels reflect the status of Lipid metabolism in the body, collectively they aid in the diagnosis of various abnormal hyper lipidaemias. Analysis of Lipids has assumed greater importance due to increasing prevalence rates of Ischaemic Heart Diseases (IHD).

NCEP (ATP III) Guidelines.

Urine Routine & Microscopic Examination

Urine routine examination and microscopy comprises of a set of screening tests that can detect some common diseases like urinary tract infections, kidney disorders, liver problems, diabetes or other metabolic conditions. Physical characteristics (colour and appearance), chemical composition(glucose, protein, ketone, blood, bilirubin and urobilinogen) and microscopic content (pus cells, epithelial cells, RBCs, casts and crystals) are analyzed and reported.

Complete Blood Count (CBC)

CBC comprises of estimation of the cellular components of blood including RBCs, WBCs and Platelets. Mean corpuscular volume (MCV) is a measure of the size of the average RBC, MCH is a measure of the hemoglobin content of the average RBC and MCHC is the hemoglobin concentration per RBC. The red cell distribution width (RDW) is a measure of the degree of variation in RBC size (anisocytosis) and is helpful in distinguishing between some anemias. CBC examination is used as a screening tool to confirm a hematologic disorder, to establish or rule out a diagnosis, to detect an unsuspected hematologic disorder, or to monitor effects of radiation or chemotherapy. Abnormal results may be due to a primary disorder of the cell-producing organs or an underlying disease. Results should be interpreted in conjunction with the patient's clinical picture and appropriate additional testing performed.

Erythrocyte Sedimentation Rate (ESR)



1000L202510280247

NATIONAL REFERENCE LAB

PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 6 of 7

जांच सही तो इलाज सही

Please scan the QR code to check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr RAMBHAJAN CHODHARY 1400500100
Age/Gender : 30 Yrs/Male
P. ID No. : 1000202510283836
Accession No : 1000L202510280247
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:43:30 PM
Sample Collected on : 29/10/2025 11:36:29 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 06:41:13 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

The erythrocyte sedimentation rate (ESR) is a simple but non-specific test that helps to detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases.

** End of Report **

Authenticated By



Dr Aarti Nagpal
 MBBS, DNB (Pathology)
 HOD- Hemat & Biochem



Tests marked with NABL symbol are accredited by NABL vide Certificate No. MC- 3055



1000L202510280247

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Sahil Khan 1401500006
Age/Gender : 19 Yrs/Male
P. ID No. : 1000202510283948
Accession No : 1000L202510280359
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:50:58 PM
Sample Collected on : 28/10/2025 11:36:51 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 07:53:18 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

MEDICAL TEST PACKAGE 2

Haemogram(CBC+ESR)



Complete Blood Count (CBC)

Whole Blood, EDTA

| | | | |
|---|------------------|-------------------|------------------|
| Haemoglobin (Hb) | 15.00 | 13.00 - 17.00 | gm/dL |
| Total WBC Count / TLC | 9.73 | 4.00 - 10.00 | thou/ μ L |
| DLC (Differential Leucocyte Count) | | | |
| Neutrophils | 50.00 | 40.00 - 80.00 | % |
| Lymphocytes | 24.00 | 20.00 - 40.00 | % |
| Eosinophils | 20.00 H | 1.00 - 6.00 | % |
| Monocytes | 6.00 | 2.00 - 10.00 | % |
| Basophils | 0.00 | 0.00 - 2.00 | % |
| Absolute Neutrophil Count (ANC) | 4865.00 | 2000.00 - 7000.00 | / μ L |
| Absolute Lymphocyte Count | 2335.20 | 1000.00 - 3000.00 | / μ L |
| Absolute Eosinophil Count (AEC) | 1946.00 H | 20.00 - 500.00 | / μ L |
| Absolute Monocyte Count | 583.80 | 200.00 - 1000.00 | / μ L |
| Absolute Basophil Count | 0.00 | 0.00 - 100.00 | / μ L |
| RBC Count | 4.23 L | 4.50 - 5.50 | million/ μ L |
| PCV / Hematocrit | 48.30 | 40.00 - 50.00 | % |
| MCV | 114.20 H | 83.00 - 101.00 | fL |
| MCH | 35.50 H | 27.00 - 32.00 | pg |
| MCHC | 31.10 L | 31.50 - 34.50 | gm/dL |
| RDW (Red Cell Distribution Width) | 14.40 | 11.80 - 15.60 | % |
| Platelet Count | 210.00 | 150.00 - 410.00 | thou/ μ L |
| MPV (Mean Platelet Volume) | 13.30 H | 6.80 - 10.90 | fL |

Remarks

Note:- Eosinophilia seen . Kindly correlate clinically.



1000L202510280359

NATIONAL REFERENCE LAB

PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 1 of 7



Please scan the QR code to check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana),Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : **Mr Sahil Khan 1401500006**
Age/Gender : 19 Yrs/Male
P. ID No. : 1000202510283948
Accession No : **1000L202510280359**
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:50:58 PM
Sample Collected on : 28/10/2025 11:36:51 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 07:53:18 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

Method : Photometric,Fluorescence flowcytometry & microscopy,Calculated,Impedance

 **Erythrocyte Sedimentation Rate (ESR)** **21.00 H** 0.00 - 10.00 mm Ist Hour

Sample : Whole Blood, EDTA
 Method : Automated - Capillary photometry / Mod.
 Westergren method

 **Glucose Random** 83.60 70.00 - 140.00 mg/dL

Sample : Plasma Fluoride - Random
 Method : Hexokinase

 **Lipid Profile**

Sample : Serum

Total Cholesterol 122.70 No Risk : < 200 mg/dL

Method : Cholesterol Oxidase, Esterase, Peroxidase
 Moderate Risk : 200 - 239

High Risk : > 240

Triglycerides 85.50 Desirable : < 150 mg/dL

Method : GPO POD

Boderline High : 150

- 199

High : 200 - 499

Very High : >=500

LDL Cholesterol (Calculated) 63.80 0.00 - 100.00 mg/dL

Method : Calculated

HDL Cholesterol 41.80 Low : < 40 mg/dL

Method : ESTERASE, CHO, POD

Optimal : 40 - 60

High > 60

VLDL Cholesterol 17.10 Desirable : 10 - 35 mg/dL

Method : Calculated

Total Cholesterol / HDL Ratio 2.94 L Low Risk : 3.3 - 4.4 Ratio

Method : Calculated

Average Risk : 4.5 -

7.0



1000L202510280359

NATIONAL REFERENCE LAB
PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram
 care@pathkindlabs.com | www.pathkindlabs.com
 Customer Care: 75000-75111

Page No: 2 of 7

जांच सही तो इलाज सही

Please scan the QR code to
 check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Sahil Khan 1401500006
 Age/Gender : 19 Yrs/Male
 P. ID No. : 1000202510283948
Accession No : 1000L202510280359
 Referring Doctor :
 Referred By : Self

Billing Date : 28/10/2025 11:50:58 PM
 Sample Collected on : 28/10/2025 11:36:51 AM
 Sample Received on : 29/10/2025 03:40:18 PM
 Report Released on : 29/10/2025 07:53:18 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|---|----------------|--|--------|
| LDL / HDL Ratio <i>Method : Calculated</i> | 1.53 | Moderate Risk : 7.1 - 11.0 High Risk : > 11.0 Low Risk : 0.5 - 3.0 Moderate Risk : 3.1 - 6.0 High Risk : > 6.0 | Ratio |
| Non HDL Cholesterol <i>Method : Calculated</i> | 80.90 | 0.00 - 130.00 | mg/dL |
|  Blood Urea <i>Sample : Serum Method : Urease UV</i> | 16.40 L | 18.00 - 45.00 | mg/dL |
|  Creatinine <i>Sample : Serum Method : Jaffe Kinetic IDMS</i> | 0.67 L | 0.70 - 1.30 | mg/dL |
|  Uric Acid <i>Sample : Serum Method : Uricase</i> | 4.70 | 3.40 - 7.00 | mg/dL |
|  Sodium <i>Sample : Serum Method : ISE-Indirect</i> | 138.00 | 136.00 - 145.00 | mmol/L |
|  Potassium <i>Sample : Serum Method : ISE-Indirect</i> | 4.03 | 3.50 - 5.10 | mmol/L |
|  Bilirubin (Total, Direct & Indirect) | | | |



1000L202510280359

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Sahil Khan 1401500006
 Age/Gender : 19 Yrs/Male
 P. ID No. : 1000202510283948
Accession No : 1000L202510280359
 Referring Doctor :
 Referred By : Self

Billing Date : 28/10/2025 11:50:58 PM
 Sample Collected on : 28/10/2025 11:36:51 AM
 Sample Received on : 29/10/2025 03:40:18 PM
 Report Released on : 29/10/2025 07:53:18 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

Sample : Serum

Bilirubin Total 0.97 0.00 - 1.20 mg/dL
Method : DIAZO

Bilirubin Direct 0.36 H 0.00 - 0.20 mg/dL
Method : DIAZO

Serum Bilirubin (Indirect) 0.61 0.00 - 0.90 mg/dL
Method : Calculated

Urine Routine & Microscopic Examination

Sample : Urine, Random

| | | | |
|---|--------------|--------------|-----|
| Colour, Urine | Pale Yellow | Pale Yellow | --- |
| <i>Method : Physical Examination</i> | | | |
| Appearance | Clear | Clear | --- |
| <i>Method : Physical Examination</i> | | | |
| Specific Gravity | 1.010 | 1.00 - 1.04 | --- |
| <i>Method : pKa change of pretreated polyelectrolytes</i> | | | |
| pH | 6.50 | 4.70 - 7.50 | --- |
| <i>Method : Double indicator principle</i> | | | |
| Glucose | Not Detected | Not Detected | --- |
| <i>Method : Glucose oxidase/peroxidase</i> | | | |
| Protein | Not Detected | Not Detected | --- |
| <i>Method : Protein-Error of indications Principle</i> | | | |
| Ketones | Not Detected | Not Detected | --- |
| <i>Method : Sodium Nitroprusside Reaction</i> | | | |
| Blood | Not Detected | Not Detected | --- |
| <i>Method : Peroxidase</i> | | | |
| Leucocyte | Not Detected | Not Detected | --- |
| <i>Method : Manual</i> | | | |
| Bilirubin | Not Detected | Not Detected | --- |



1000L202510280359

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

| | | | |
|---------------------|-----------------------------------|---------------------|---------------------------------|
| Name | : Mr Sahil Khan 1401500006 | Billing Date | : 28/10/2025 11:50:58 PM |
| Age/Gender | : 19 Yrs/Male | Sample Collected on | : 28/10/2025 11:36:51 AM |
| P. ID No. | : 1000202510283948 | Sample Received on | : 29/10/2025 03:40:18 PM |
| Accession No | : 1000L202510280359 | Report Released on | : 29/10/2025 07:53:18 PM |
| Referring Doctor | : | | |
| Referred By | : Self | | |

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|------------------------------------|---|--------------------------|------|
| Method : Diazo reaction | | | |
| Urobilinogen | Normal | Normal | --- |
| <i>Method</i> : Ehrlich's Reaction | | | |
| Nitrite | Not Detected | Not Detected | --- |
| <i>Method</i> : Nitrite Test | | | |
| Pus Cells | 1-2 | 0-5 | /hpf |
| <i>Method</i> : Microscopy | | | |
| RBC | Not Detected | 0-2 | /hpf |
| <i>Method</i> : Microscopy | | | |
| Epithelial Cells | 0-1 | 0-5 | /hpf |
| <i>Method</i> : Microscopy | | | |
| Casts | Not Detected | Not Detected | --- |
| <i>Method</i> : Microscopy | | | |
| Crystals | Not Detected | Not Detected | --- |
| <i>Method</i> : Microscopy | | | |
| Bacteria | Not Detected | Not Detected | --- |
| <i>Method</i> : Microscopy | | | |
| Remarks | Microscopic examination has been performed on urine sediment. | | |
| <i>Method</i> : Manual | | | |

Interpretation

Bilirubin (Total, Direct & Indirect)

No ranges available for Indirect bilirubin as it is a calculated parameter.

Note: Neonatal bilirubin ranges have been incorporated from Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 4th South Asia Edition. The ranges should however be correlated with newborns clinical condition and maturity.

Creatinine

Serum creatinine is inversely correlated with glomerular filtration rate (GFR). Increased levels of Serum Creatinine is associated with renal dysfunction.

Potassium



1000L202510280359

NATIONAL REFERENCE LAB

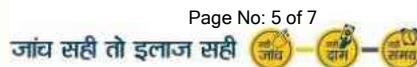
PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Page No: 5 of 7



Please scan the QR code to check authenticity of report

Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Sahil Khan 1401500006
Age/Gender : 19 Yrs/Male
P. ID No. : 1000202510283948
Accession No : 1000L202510280359
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:50:58 PM
Sample Collected on : 28/10/2025 11:36:51 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 07:53:18 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

Potassium (K+) is the major intracellular cation. It regulates neuromuscular excitability, heart contractility, intracellular fluid volume, and hydrogen ion concentration. High levels of serum Potassium is seen in acute renal disease and end-stage renal failure due to decreased excretion. Levels are also high during the diuretic phase of acute tubular necrosis, during administration of non-potassium sparing diuretic therapy, and during states of excess mineralocorticoid or glucocorticoid.

Sodium

Serum Sodium estimation is performed to assess acid-base balance, water balance, water intoxication, and dehydration.

Uric Acid

Uric acid is the final product of purine metabolism. Serum uric acid levels are raised in case of increased purine synthesis, inherited metabolic disorder, excess dietary purine intake, increased nucleic acid turnover, malignancy and cytotoxic drugs. Decreased levels are seen in chronic renal failure, severe hepatocellular disease with reduced purine synthesis, defective renal tubular reabsorption, overtreatment of hyperuricemia with allopurinol, as well as some cancer therapies.

Lipid Profile

Lipid Profile consist of Triglycerides, Cholesterol and other lipoprotein fractions in serum. The levels reflect the status of Lipid metabolism in the body, collectively they aid in the diagnosis of various abnormal hyper lipidaemias. Analysis of Lipids has assumed greater importance due to increasing prevalence rates of Ischaemic Heart Diseases (IHD).

NCEP (ATP III) Guidelines.

Urine Routine & Microscopic Examination

Urine routine examination and microscopy comprises of a set of screening tests that can detect some common diseases like urinary tract infections, kidney disorders, liver problems, diabetes or other metabolic conditions. Physical characteristics (colour and appearance), chemical composition(glucose, protein, ketone, blood, bilirubin and urobilinogen) and microscopic content (pus cells, epithelial cells, RBCs, casts and crystals) are analyzed and reported.

Complete Blood Count (CBC)

CBC comprises of estimation of the cellular components of blood including RBCs, WBCs and Platelets. Mean corpuscular volume (MCV) is a measure of the size of the average RBC, MCH is a measure of the hemoglobin content of the average RBC and MCHC is the hemoglobin concentration per RBC. The red cell distribution width (RDW) is a measure of the degree of variation in RBC size (anisocytosis) and is helpful in distinguishing between some anemias. CBC examination is used as a screening tool to confirm a hematologic disorder, to establish or rule out a diagnosis, to detect an unsuspected hematologic disorder, or to monitor effects of radiation or chemotherapy. Abnormal results may be due to a primary disorder of the cell-producing organs or an underlying disease. Results should be interpreted in conjunction with the patient's clinical picture and appropriate additional testing performed.



1000L202510280359

NATIONAL REFERENCE LAB

PATHKIND DIAGNOSTICS PVT. LTD.

Plot No. 55-56, Udyog Vihar, Phase-4, Gurugram

care@pathkindlabs.com | www.pathkindlabs.com

Customer Care: 75000-75111

Please scan the QR code to check authenticity of report

Page No: 6 of 7



Booked For
 J K Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : **Mr Sahil Khan 1401500006**
Age/Gender : 19 Yrs/Male
P. ID No. : 1000202510283948
Accession No : **1000L202510280359**
Referring Doctor :
Referred By : Self

Billing Date : 28/10/2025 11:50:58 PM
Sample Collected on : 28/10/2025 11:36:51 AM
Sample Received on : 29/10/2025 03:40:18 PM
Report Released on : 29/10/2025 07:53:18 PM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|-----------|--------|--------------------------|------|
|-----------|--------|--------------------------|------|

Erythrocyte Sedimentation Rate (ESR)

The erythrocyte sedimentation rate (ESR) is a simple but non-specific test that helps to detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases.

** End of Report **

Authenticated By



Dr Aarti Nagpal
 MBBS, DNB (Pathology)
 HOD- Hemat & Biochem



Dr. Samiksha Ahlawat
 MBBS, MD (Pathology)
 Consultant- Hematology



MC - 3055

Tests marked with NABL symbol are accredited by NABL vide Certificate No. MC- 3055



1000L202510280359



Place: - J K Cement, Vill Jharli, Jhajjar Haryana

| | | | |
|-------------|---------------|-----------|----------|
| Employee ID | 1400100069 | Date | 29/10/25 |
| Name | Ashok RayBhar | Age / Sex | 38/m |

Completion of all sections is mandatory for the evaluation process. Employees are required to undergo and provide the following details and tests.

| General Physician Form (GP Form) | |
|----------------------------------|---|
| Height | / |
| Weight | / |
| BP (Blood Pressure) | / |
| Pulse | / |
| SPO2 Level | / |
| Body Temperature | / |
| Blood Sample | ✓ |
| Urine Sample | / |
| X-Ray | ✓ |
| ECG | ✓ |
| Eye | ✓ |
| Audio | ✓ |
| PFT (Spirometry) | ✓ |
| Glucose Post Prandial | |

It is mandatory to complete all sections of this form to ensure accurate diagnosis and treatment. Missing information can lead to incomplete assessment, incorrect diagnosis, and suboptimal care. All relevant details, including personal, medical, must be filled in with as much accuracy and detail as possible.

*Note: All listed tests and sections must be completed without exception. Incomplete forms will not be accepted.

Patient's Signature



JK Cement - GP

Name: Adolik Raybhari
Employee ID: 1400 100069
Gender:

Age: 38/m
Location: Jharli, Jhajjar Haryana
Date: 29/10/2025

Relevant Medical History: (Present, Past, Personal, Family, Occupational)

General Examination:

Height (In cm): 161cm

Pulse (bpm): 62

BMI (Kg/M²):

Temperature: 93.1

Weight (In KG): 77 kg.

Blood Pressure (mmHg): 115 / 66

SPO2 Level: 97 / 64

Fitness Status:

This is to certify that the employee has been examined and found to be physically and mentally fit to work.

All health parameters are well within normal limits.

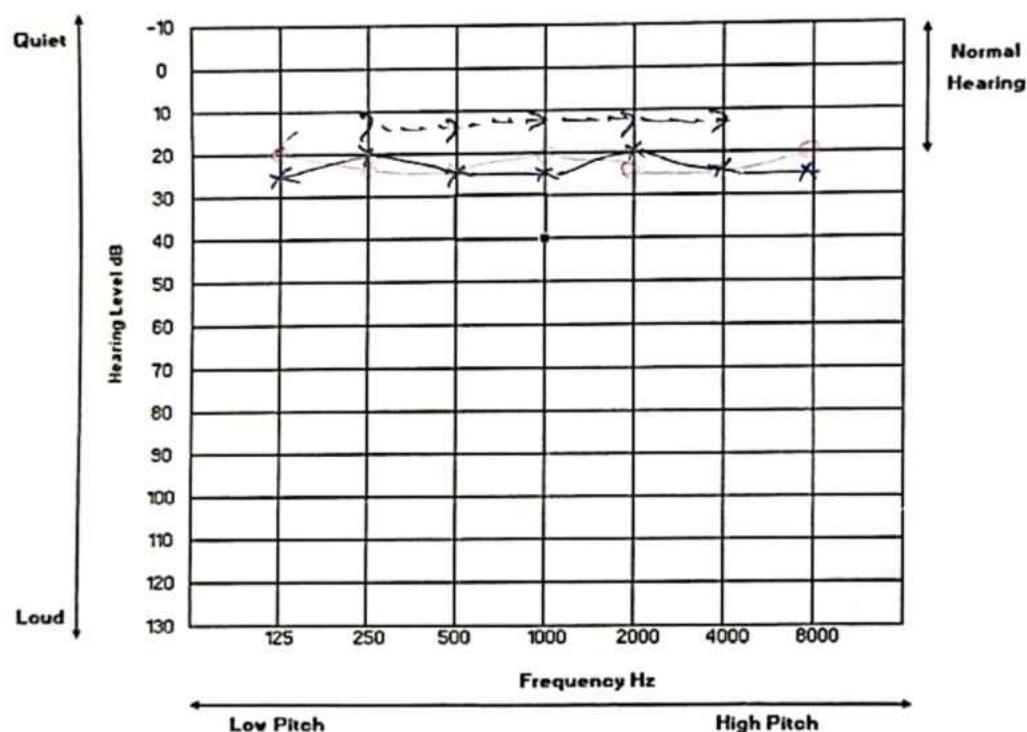
Remarks if UNFIT:

Doctor Name and Signature with Stamp

Place: -

| | | | |
|-------------|---------------|-----------|----------|
| Employee ID | 1400100069 | Date | 29/10/25 |
| Name | Ashok Rajbhar | Age / Sex | 38 / m |

Audiometry Examination Report



Examination Report: B/L Normal Hearing limits.

Signature Audiologist

DECLARATION TO ERR IS HUMAN. In case of any typographical error please send films with report on centre for review / correction.

Place: Jharli, Jhajjar Haryana

| | | | |
|-------------|---------------|-----------|----------|
| Employee ID | 1400/00069 | Date | 29/10/25 |
| Name | ASHOK RAJBHAR | Age / Sex | 38 / M |

Patient History: Diabetes Hypertension Ocular Injury Surgery

(If any eye Surgery, Please describe :.....)

Eye Examination Report

| EYE | RIGHT EYE | | | LEFT EYE | | |
|----------|-----------|-----|------|----------|-----|------|
| VISION | 6/6 | | | 6/6 | | |
| | SPH | CYL | AXIS | SPH | CYL | AXIS |
| DISTANCE | | | | | | |
| NEAR | | | | | | |

| | | |
|-----------------|-----|----|
| COLOR BLINDNESS | YES | NO |
|-----------------|-----|----|

Prescribe / Suggestion / Remarks:

.....
.....
.....

Vijay
Signature

ASHOK RAJBHAR
ID: 1400100069 Age: 39 (17-04-1986)

 Sex at Birth: Male Height: 161 cm
 Ethnicity: Asian Weight: 77 kg BMI: 29.7

Asthma: -- COPD: --

FVC (ex only)

 Test Date: 29-10-2025 08:46:55 Interpretation: GOLD(2008)/Hardie
 Post Time: Predicted Quanjer (GLI), 2012 * 1.00

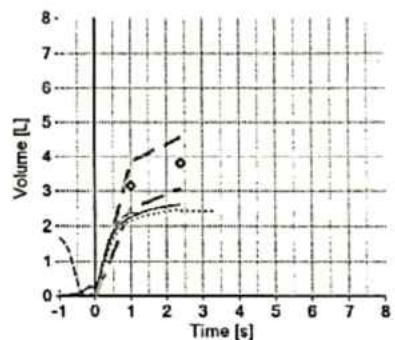
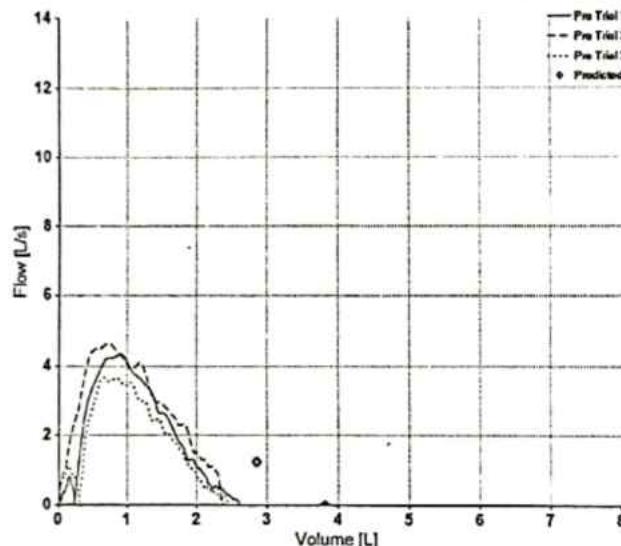
| Parameter | Pre | | | Pred | Trial 1 | Trial 3 | Trial 2 |
|----------------|------|-------|---------|-------|---------|---------|---------|
| | Best | LLN | Z-Score | %Pred | | | |
| FVC [L] | - | 3.07 | - | - | 3.81 | 2.62* | 2.39* |
| FEV1 [L] | - | 2.50 | - | - | 3.17 | 2.24* | 2.37* |
| FEV1/FVC | - | 0.732 | - | - | 0.830 | 0.858 | 0.992 |
| FEF25-75 [L/s] | - | 1.93 | - | - | 3.31 | 2.68 | 3.44 |
| PEF [L/s] | - | - | - | - | 4.37 | 4.64 | 3.68 |
| FET [s] | 2.4 | - | - | - | - | 2.4 | 1.4 |
| | | | | | | | 3.3 |

Caution: Poor session quality. Interpret with care.

* Indicates value outside normal range or significant post change.

Session Quality: Pre FEV1 - F, FVC - F

System Interpretation: Pre No interpretation, not enough acceptable maneuvers



Repet test Needed

 Dr. Kalpana Sharma
 MBBS, HMC 17885

PATHKIND DIAGNOSTICS PVT. LTD. (CIN U74999DL2016PTC306874)

 Plot No. 55-56, Udyog Vihar, Phase IV, Sector-18, Gurugram-122015
 E-Mail: care@pathkindlabs.com | Website: www.pathkindlabs.com

 TO BOOK AN APPOINTMENT PLEASE CALL **75000 75000**

| | | | |
|--------------|-------------------|------------|---------------------|
| Patient Name | : Ashok Rajbhar | Gender | : Male |
| Age | : 38 Y | Date | : 30 Oct 2025 |
| Client Name | : JK Cement Works | Patient ID | : 10001202510300088 |

X-RAY CHEST PA VIEW

FINDINGS:

Normal bronchovascular markings in bilateral lung fields.
 Bilateral hila are normal.
 Trachea appears normal.
 Cardiac shadow is within normal limits.
 The domes of diaphragm are normal in position and shows smooth outline.
 Bilateral costophrenic angles are clear.
 Visualized bones are grossly normal.
 Visualised soft tissue shadows are normal.

IMPRESSION:

- No significant abnormality detected



Dr. Pravin Arvind Lamdhae
 DNB Radiodiagnosis
 Reg - MMC-2018/03/0679

NOTE: This is an online interpretation of medical imaging based on clinical data, wherever available. Not for Medicolegal purpose. In case of any discrepancy please reinvestigate the patient.

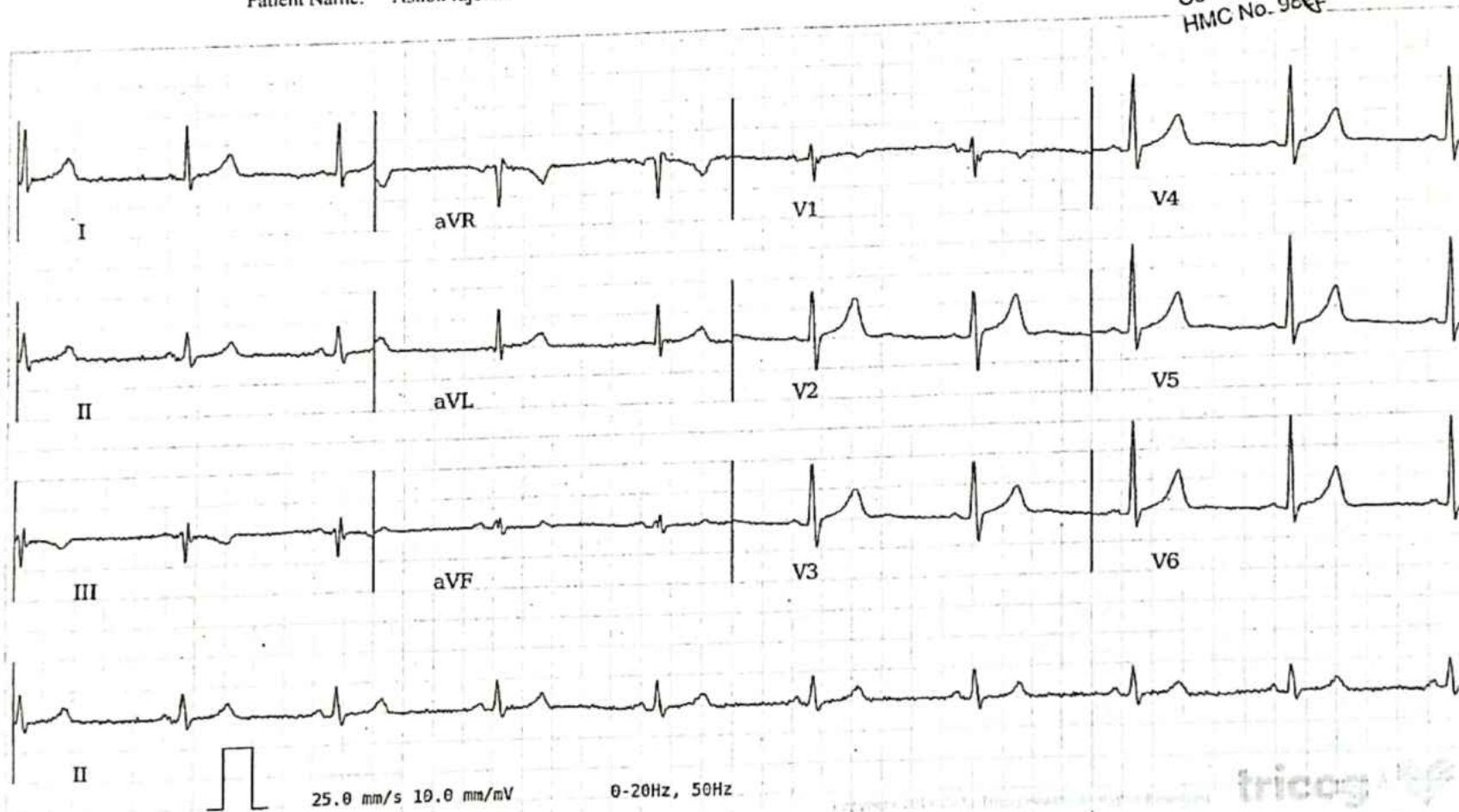
tricos 

Pathkind Labs 1

Age / Gender: 38/Male
Patient ID: 1400100069
Patient Name: Ashok rajbhar

Date and Time: 29th Oct 25 9:36 AM

TWN ✓
Dr. Manoj Kumar Bhanger
MBBS, MSc, MD, DNB (Cardiology)
Consultant Cardiology
HMC No. 9862



AR: 57bpm

VR: 57bpm

QRSD: 92ms

QT: 418ms

QTcB: 407ms

PRI: 136ms

P-R-T: 59° 12° 19°

Disclaimer: Analysis in this report is based on ECG alone and should only be used as an adjunct to clinical history, symptoms and results of other invasive and non-invasive tests and must be interpreted by a qualified medical professional.



Scanned with OKEN Scanner



ASHOK RAJBHAR 38 YRS Male
Ref. by PFE-1400100069

Chest PA

4752

10/29/2025 8:48:18 AM

NATIONAL REFERENCE LABS PATHKIND, UDYOG VIHAR, GURUGRAM



Scanned with OKEN Scanner

Booked For
 JK Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Ashok Rajbhar 1400100069.0
 Age/Gender : 38 Yrs/Male
 P. ID No. : 1000202510304280
 Accession No : 1000L202510300088
 Referring Doctor :
 Referred By : Self

Billing Date : 30/10/2025 11:48:03 AM
 Sample Collected on : 29/10/2025 12:55:48 PM
 Sample Received on : 30/10/2025 02:17:08 PM
 Report Released on : 31/10/2025 11:29:32 AM

| Test Name | Report Status -Final | | Unit |
|-----------|----------------------|--------------------------|------|
| | Result | Biological Ref. Interval | |

MEDICAL TEST PACKAGE 2

Haemogram(CBC+ESR)



Complete Blood Count (CBC)

Whole Blood, EDTA

| | | | |
|---|-----------|-------------------|------------------|
| Haemoglobin (Hb) | 14.70 | 13.00 - 17.00 | gm/dL |
| Total WBC Count / TLC | 7.46 | 4.00 - 10.00 | thou/ μ L |
| DLC (Differential Leucocyte Count) | | | |
| Neutrophils | 38.00 L | 40.00 - 80.00 | % |
| Lymphocytes | 50.00 H | 20.00 - 40.00 | % |
| Eosinophils | 4.00 | 1.00 - 6.00 | % |
| Monocytes | 8.00 | 2.00 - 10.00 | % |
| Basophils | 0.00 | 0.00 - 2.00 | % |
| Absolute Neutrophil Count (ANC) | 2834.80 | 2000.00 - 7000.00 | / μ L |
| Absolute Lymphocyte Count | 3730.00 H | 1000.00 - 3000.00 | / μ L |
| Absolute Eosinophil Count (AEC) | 298.40 | 20.00 - 500.00 | / μ L |
| Absolute Monocyte Count | 596.80 | 200.00 - 1000.00 | / μ L |
| Absolute Basophil Count | 0.00 | 0.00 - 100.00 | / μ L |
| RBC Count | 4.89 | 4.50 - 5.50 | million/ μ L |
| PCV / Hematocrit | 49.30 | 40.00 - 50.00 | % |
| MCV | 100.80 | 83.00 - 101.00 | fL |
| MCH | 30.10 | 27.00 - 32.00 | pg |
| MCHC | 29.80 L | 31.50 - 34.50 | gm/dL |
| RDW (Red Cell Distribution Width) | 15.40 | 11.80 - 15.60 | % |
| Platelet Count | 258.00 | 150.00 - 410.00 | thou/ μ L |
| MPV (Mean Platelet Volume) | 12.00 H | 6.80 - 10.90 | fL |

Method : Photometric,Fluorescence flowcytometry & microscopy,Calculated,Impedance



1000L202510300088

Page No: 1 of 7

PATHKIND DIAGNOSTICS PVT. LTD. (CIN U74999DL2016PTC306874)

Plot No. 55-56, Udyog Vihar, Phase IV, Sector-18, Gurugram-122015
 E-Mail: care@pathkindlabs.com | Website: www.pathkindlabs.com

TO BOOK AN APPOINTMENT PLEASE CALL **75000 75111**



Scanned with OKEN Scanner

Booked For
JK Cement Works, Mohanbari Road, Distt - Jhajjar
(Haryana), Jhajjar - 124106
Contact No. - 7419711251

Processed By
Gurugram, Plot No. 55-56, Udyog Vihar PH-IV - 122015
Contact No. - 7500075111

Name : Mr Ashok Rajbhar 1400100069.0
Age/Gender : 38 Yrs/Male
R. ID No. : 1000202510304280
Accession No : 1000L202510300088
Referring Doctor :
Referred By : Self

Billing Date : 30/10/2025 11:48:03 AM
Sample Collected on : 29/10/2025 12:55:48 PM
Sample Received on : 30/10/2025 02:17:08 PM
Report Released on : 31/10/2025 11:29:32 AM

Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|---|----------|---|-------------|
| Erythrocyte Sedimentation Rate (ESR) Sample : Whole Blood, EDTA Method : Automated - Capillary photometry / Mod. Westergren method | 8.00 | 0.00 - 10.00 | mm 1st Hour |
| Glucose Random Sample : Plasma Fluoride - Random Method : Hexokinase | 96.20 | 70.00 - 140.00 | mg/dL |
| Lipid Profile Sample : Serum | | | |
| Total Cholesterol Method : Cholesterol Oxidase, Estrase, Peroxidase | 196.00 | No Risk : < 200 Moderate Risk : 200 - 239 High Risk : > 240 | mg/dL |
| Triglycerides Method : GPO POD | 314.00 H | Desirable : < 150 Borderline High : 150 - 199 High : 200 - 499 Very High : >=500 | mg/dL |
| LDL Cholesterol (Calculated) Method : Calculated | 94.10 | 0.00 - 100.00 | mg/dL |
| HDL Cholesterol Method : ESTERASE, CHO, POD | 39.10 L | Low : < 40 Optimal : 40 - 60 High > 60 | mg/dL |
| VLDL Cholesterol Method : Calculated | 62.80 H | Desirable : 10 - 35 | mg/dL |
| Total Cholesterol / HDL Ratio Method : Calculated | 5.01 H | Low Risk : 3.3 - 4.4 Average Risk : 4.5 - 7.0 Moderate Risk : 7.1 - 11.0 | Ratio |

1000L202510300088

Booked For
 JK Cement Works, Mohanbari Road, Distt:- Jhajjar
 (Haryana), Jharli, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Ashok Rajbhar 1400100069.0
 Age/Gender : 38 Yrs/Male
 P. ID No. : 1000202510304280
 Accession No : 1000L202510300088
 Referring Doctor :
 Referred By : Self

Billing Date : 30/10/2025 11:48:03 AM
 Sample Collected on : 29/10/2025 12:55:48 PM
 Sample Received on : 30/10/2025 02:17:08 PM
 Report Released on : 31/10/2025 11:29:32 AM

| Report Status -Final | | | |
|--|----------|--|--------|
| Test Name | Result | Biological Ref. Interval | Unit |
| LDL / HDL Ratio Method : Calculated | 2.41 | High Risk : > 11.0 Low Risk : 0.5 - 3.0 Moderate Risk : 3.1 - 6.0 High Risk : > 6.0 | Ratio |
| Non HDL Cholesterol Method : Calculated | 156.90 H | 0.00 - 130.00 | mg/dL |
|  Blood Urea Sample : Serum Method : Urease UV | 16.10 L | 19.00 - 44.00 | mg/dL |
|  Creatinine Sample : Serum Method : Jaffe Kinetic IDMS | 0.57 L | 0.70 - 1.30 | mg/dL |
|  Uric Acid Sample : Serum Method : Uricase | 8.34 H | 3.40 - 7.00 | mg/dL |
|  Sodium Sample : Serum Method : ISE-Indirect | 138.20 | 136.00 - 145.00 | mmol/L |
|  Potassium Sample : Serum Method : ISE-Indirect | 4.51 | 3.50 - 5.10 | mmol/L |
|  Bilirubin (Total, Direct & Indirect) Sample : Serum | | | |



1000L202510300088

Page No: 3 of 7

PATHKIND DIAGNOSTICS PVT. LTD. (CIN U74999DL2016PTC306874)
 Plot No. 55-56, Udyog Vihar, Phase IV, Sector-18, Gurugram-122015
 E-Mail: care@pathkindlabs.com | Website: www.pathkindlabs.com

TO BOOK AN APPOINTMENT PLEASE CALL **75000 71111**



Scanned with OKEN Scanner

Asked For
 K Cement Works, Mehanbari Road, Distt - Jhajjar
 (Haryana) Jhajjar, - 124106
 Contact No. -7419711251

Processed By
 Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
 Contact No. -7500075111

Name : Mr Ashok Rajbhar 1400100069.0
 Age/Gender : 38 Yrs/Male
 P. ID No. : 1000202510304280
 Accession No : 1000L202510300088
 Referring Doctor :
 Referred By : Self

Billing Date : 30/10/2025 11:49:03 AM
 Sample Collected on : 29/10/2025 12:55:48 PM
 Sample Received on : 30/10/2025 02:17:08 PM
 Report Released on : 31/10/2025 11:29:32 AM

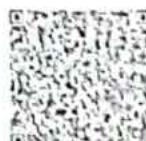
Report Status -Final

| Test Name | Result | Biological Ref. Interval | Unit |
|--|--------|--------------------------|-------|
| Bilirubin Total Method : DIAZO | 0.75 | 0.00 - 1.20 | mg/dL |
| Bilirubin Direct Method : DIAZO | 0.27 H | 0.00 - 0.20 | mg/dL |
| Serum Bilirubin (Indirect) Method : Calculated | 0.48 | 0.00 - 0.90 | mg/dL |

Urine Routine & Microscopic Examination

Sample : Urine, Random

| | | | |
|---|--------------|--------------|-----|
| Colour, Urine Method : Physical Examination | Pale Yellow | Pale Yellow | --- |
| Appearance Method : Physical Examination | Clear | Clear | --- |
| Specific Gravity Method : pKa change of pretreated polyelectrolytes | 1.015 | 1.00 - 1.04 | --- |
| pH Method : Double indicator principle | 6.00 | 4.70 - 7.50 | --- |
| Glucose Method : Glucose oxidase/peroxidase | Not Detected | Not Detected | --- |
| Protein Method : Protein-Error of indications Principle | Not Detected | Not Detected | --- |
| Ketones Method : Sodium Nitroprusside Reaction | Not Detected | Not Detected | --- |
| Blood Method : Peroxidase | Not Detected | Not Detected | --- |
| Leucocyte Method : Manual | Not Detected | Not Detected | --- |
| Bilirubin Method : Diazo reaction | Not Detected | Not Detected | --- |



1000L202510300088

Page No. 4 of 7

Booked For
JK Cement Works, Mohanbari Road, Distt:- Jhajjar
(Haryana), Jhajjar, - 124106
Contact No. -7419711251

Processed By
Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
Contact No. -7500075111

Name : Mr Ashok Rajbhar 1400100069.0
Age/Gender : 38 Yrs/Male
P. ID No. : 1000202510304280
Accession No : 1000L202510300088
Referring Doctor :
Referred By : Self

Billing Date : 30/10/2025 11:48:03 AM
Sample Collected on : 29/10/2025 12:55:48 PM
Sample Received on : 30/10/2025 02:17:08 PM
Report Released on : 31/10/2025 11:29:32 AM

| Report Status -Final | | | |
|--|---|--------------------------|------|
| Test Name | Result | Biological Ref. Interval | Unit |
| Urobilinogen Method : Ehrlich's Reaction | Normal | Normal | --- |
| Nitrite Method : Nitrite Test | Not Detected | Not Detected | --- |
| Pus Cells Method : Microscopy | 1-2 | 0-5 | /hpf |
| RBC Method : Microscopy | Not Detected | 0-2 | /hpf |
| Epithelial Cells Method : Microscopy | 0-1 | 0-5 | /hpf |
| Casts Method : Microscopy | Not Detected | Not Detected | --- |
| Crystals Method : Microscopy | Not Detected | Not Detected | --- |
| Bacteria Method : Microscopy | Not Detected | Not Detected | --- |
| Remarks Method : Manual | Microscopic examination has been performed on urine sediment. | | |

Interpretation

Bilirubin (Total, Direct & Indirect)

No ranges available for Indirect bilirubin as it is a calculated parameter.

Note: Neonatal bilirubin ranges have been incorporated from Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 4th South Asia Edition. The ranges should however be correlated with newborns clinical condition and maturity.

Creatinine

Serum creatinine is inversely correlated with glomerular filtration rate (GFR). Increased levels of Serum Creatinine is associated with renal dysfunction.

Potassium

Potassium (K⁺) is the major intracellular cation. It regulates neuromuscular excitability, heart contractility, intracellular fluid volume, and hydrogen ion concentration. High levels of serum Potassium is seen in acute renal disease and end-



1000L202510300088

Page No: 5 of 7

Booked For
JK Cement Works, Mohanbari Road, Distt:- Jhajjar
(Haryana), Jhajjar, - 124106
Contact No. -7419711251

Processed By
Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
Contact No. -7500075111

Name : Mr Ashok Rajbhar 1400100069.0
Age/Gender : 38 Yrs/Male
P. ID No. : 1000202510304280
Accession No : 1000L202510300088
Referring Doctor :
Referred By : Self

Billing Date : 30/10/2025 11:48:03 AM
Sample Collected on : 29/10/2025 12:55:48 PM
Sample Received on : 30/10/2025 02:17:08 PM
Report Released on : 31/10/2025 11:29:32 AM

| Report Status -Final | | | |
|----------------------|--------|--------------------------|------|
| Test Name | Result | Biological Ref. Interval | Unit |

stage renal failure due to decreased excretion. Levels are also high during the diuretic phase of acute tubular necrosis, during administration of non-potassium sparing diuretic therapy, and during states of excess mineralocorticoid or glucocorticoid.

Sodium

Serum Sodium estimation is performed to assess acid-base balance, water balance, water intoxication, and dehydration.

Uric Acid

Uric acid is the final product of purine metabolism. Serum uric acid levels are raised in case of increased purine synthesis, inherited metabolic disorder, excess dietary purine intake, increased nucleic acid turnover, malignancy and cytotoxic drugs. Decreased levels are seen in chronic renal failure, severe hepatocellular disease with reduced purine synthesis, defective renal tubular reabsorption, overtreatment of hyperuricemia with allopurinol, as well as some cancer therapies.

Lipid Profile

Lipid Profile consist of Triglycerides, Cholesterol and other lipoprotein fractions in serum. The levels reflect the status of Lipid metabolism in the body, collectively they aid in the diagnosis of various abnormal hyperlipidaemias. Analysis of Lipids has assumed greater importance due to increasing prevalence rates of Ischaemic Heart Diseases (IHD).

NCEP (ATP III) Guidelines.

Urine Routine & Microscopic Examination

Urine routine examination and microscopy comprises of a set of screening tests that can detect some common diseases like urinary tract infections, kidney disorders, liver problems, diabetes or other metabolic conditions. Physical characteristics (colour and appearance), chemical composition (glucose, protein, ketone, blood, bilirubin and urobilinogen) and microscopic content (pus cells, epithelial cells, RBCs, casts and crystals) are analyzed and reported.

Complete Blood Count (CBC)

CBC comprises of estimation of the cellular components of blood including RBCs, WBCs and Platelets. Mean corpuscular volume (MCV) is a measure of the size of the average RBC, MCH is a measure of the hemoglobin content of the average RBC and MCHC is the hemoglobin concentration per RBC. The red cell distribution width (RDW) is a measure of the degree of variation in RBC size (anisocytosis) and is helpful in distinguishing between some anemias. CBC examination is used as a screening tool to confirm a hematologic disorder, to establish or rule out a diagnosis, to detect an unsuspected hematologic disorder, or to monitor effects of radiation or chemotherapy. Abnormal results may be due to a primary disorder of the cell-producing organs or an underlying disease. Results should be interpreted in conjunction with the patient's clinical picture and appropriate additional testing performed.

Erythrocyte Sedimentation Rate (ESR)



1000L202510300088

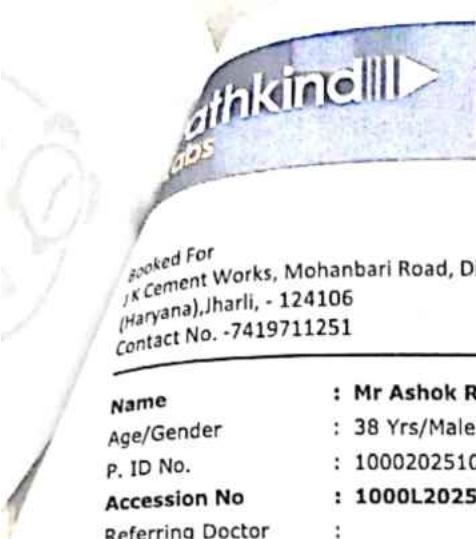
Page No: 6 of 7

PATHKIND DIAGNOSTICS PVT. LTD. (CIN U74999DL2016PTC306874)
Plot No. 55-56, Udyog Vihar, Phase IV, Sector-18, Gurugram-122015
E-Mail: care@pathkindlabs.com | Website: www.pathkindlabs.com

TO BOOK AN APPOINTMENT PLEASE CALL **75000 75111**



Scanned with OKEN Scanner



Booked For
JK Cement Works, Mohanbari Road, Distt:- Jhajjar
(Haryana), Jhajjar, - 124106
Contact No. -7419711251

Processed By
Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015
Contact No. -7500075111

Name : Mr Ashok Rajbhar 1400100069.0
Age/Gender : 38 Yrs/Male
P. ID No. : 1000202510304280
Accession No : 1000L202510300088
Referring Doctor :
Referred By : Self

Billing Date : 30/10/2025 11:48:03 AM
Sample Collected on : 29/10/2025 12:55:48 PM
Sample Received on : 30/10/2025 02:17:08 PM
Report Released on : 31/10/2025 11:29:32 AM

| Report Status -Final | | | |
|----------------------|--------|--------------------------|------|
| Test Name | Result | Biological Ref. Interval | Unit |

The erythrocyte sedimentation rate (ESR) is a simple but non-specific test that helps to detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases.

** End of Report **

Authenticated By

Dr Aarti Nagpal
MBBS, DNB (Pathology)
HOD- Hemat & Biochem

Dr. Shweta Gaur
MBBS, MD (Biochemistry)
Consultant- Biochemistry



Tests marked with NABL symbol are accredited by NABL vide Certificate No. MC- 3055



1000L202510300088

Page No: 7 of 7

PATHKIND DIAGNOSTICS PVT. LTD. (CIN U74999DL2016PTC306874)
Plot No. 55-56, Udyog Vihar, Phase IV, Sector-18, Gurugram-122015
E-Mail: care@pathkindlabs.com | Website: www.pathkindlabs.com

TO BOOK AN APPOINTMENT PLEASE CALL **75000 75111**



Scanned with OKEN Scanner

| EMP Status | | | |
|-------------------|--|------------------------------------|--|
| Sr. No. | Unit | Capital Cost (Rs.in Lakhs) | Total Recurring Cost Rs. (Lacs) from Apr-25 to Sep-25 |
| 1 | APCM (Bag houses, Bag filters, Road sweeping machines, | 560 | 8.55 |
| 2 | Hazardous Waste shed | 1 | 0 |
| 3 | STP | 37 | 1.9 |
| 4 | Monitoring Cost | 10 | 1.48 |
| 5 | Smog Gun | 2.5 | 0 |
| Total | | 610.5 | 11.93 |

HAZARDOUS WASTE DISPLAY BOARD

(i) Name of Industry with contact details: J. K. Cement Works, Jharli, Haryana-124106
Contact- Mr. GOPAL GUPTA

(ii) Date of update of display: 05/11/2025

(iii) Details of updated consent to operate and authorization with validity: HSPCB/Consent/313098022JHACT05188584 Dated 18.08.2022
Valid from 01.10.2022 to 30.09.2027

Hazardous Waste Authorization - No. :HWM/JHA/2023/36781855 dated 23.05.2023, Valid from 19.05.2023 to 30.09.2027

(iv) Details of operational status: Operational

(v) Production details:

| S.No. | Products manufactured (including Recycling/Utilization) | Details of Hazardous Chemicals/ Hazardous waste used with quantity and purpose | Type of HW generated with category as per HOWM Rules, 2016 | Quantity of Hazardous Waste | | | Mode of transportation and disposal (Co-processing) |
|-------|---|--|---|-----------------------------|--------|----------|---|
| | | | | Generated | Stored | Disposed | |
| 1 | Cement | | Used/Spent Oil | 0 | 0 | 0 | Authorized used oil recycler |
| 2 | Cement | | Wastes/residues containing oil | 0 | 0 | 0 | CHWTSDF |
| 3 | Cement | | Empty barrels/containers/liners contaminated with hazardous chemicals/ wastes | 0 | 0 | 0 | CHWTSDF |
| 4 | Cement | | Contaminated cotton rags or other cleaning materials | 0 | 0 | 0 | CHWTSDF |
| 5 | Cement | Process waste sludge/ residues containing acid or other toxic metals or organic complexes (Chemical Gypsum). Quantity: 36000 Ton/ Annum for saving of natural resources by replacement of mineral gypsum. | | | | 1308 | Reuse and Utilization (Co-processing) in cement manufacturing |

(vi) Air Emission:

| S.No. | Source of Air pollution | Air pollution control devices (APCD devices with stack height) | Parameters monitored w.r.t. Air Pollution | |
|-------|-------------------------|--|---|--|
| | | | Monitored data | Limits/Standard prescribed by SPCB/CPCB (mg/Nm3) |
| 1 | Cement Mill Stack | Bag house | 3.00 | PM-30 |

*OCEMS Connectivity details (Date of Installation and Operational Status): OCEMS connected with HSPCB & CPCB

(vii) Effluent discharge:

| S.No. | Source of Effluent discharge with quantity | Treatment method STP with capacity or any other method | Mode of disposal of treatment effluent (Drain/sewer/land etc) | Effluent discharge monitoring | |
|-------|--|--|---|-------------------------------|-----------|
| | | | | Inlet | STP |
| | | | | pH- | pH- |
| 1 | | | Reuse in Plantation | 7.84 | 7.19 |
| | | | | BOD- 205 | BOD- 15.6 |
| | | | | COD- 113 | COD- 8.0 |

 GPS Map Camera

Jharli, Haryana, भारत

F9qp+r49, A, Jharli, Haryana 124141, भारत

Lat 28.489517° Long 76.38567°

बुधवार, 05/11/2025 02:29 PM GMT +05:30



Google

Ref. No.: JKJharli/PC/1004

Dated: 19th September 2025

To,
The Member Secretary,
Haryana State Pollution Control Board
C-11, Sector-6, **Panchkula** 134 109

Sub.: Environmental Statement Report (Form - V) for the F. Year 2024 - 2025 of J.K. Cement Limited, Village - Jharli, Tehsil - Matanhail, District - Jhajjar (Haryana).

Ref.: CTO: HSPCB/Consent/ : 313098022JHACTO5188584, Dated 18.08.2022

Dear Sir,

With reference to above mentioned subject matter, please find enclosed herewith Environment Statement Report (Form - V) of J.K. Cement Limited, Jharli for the FY 2024 – 25 for your reference and record. We believe you will find the same in order.

Thanking You,

Yours faithfully,

**For J. K. Cement Works Jharli
(A Unit of J. K. Cement Ltd.)**



Gopal Gupta
(Unit Head)

Enclosure: Form - V along with Supporting Annexures (04 Nos.)

Copy To: The Regional Officer, Haryana State Pollution Control Board, SCF No. 42 & 43, Shopping Centre, Sector-6, HUDA, Bahadurgarh, District: - Jhajjar (Haryana) - 124 507
Mail id:- hspcbrobdh@gmail.com

Corporate Office

- Padam Tower, 19, DDA Community Centre, Okhla, Phase - 1, New Delhi - 110020, India
- +011-49220000
- admin.padamtower@jkcement.com
- www.jkcement.com

**JK SUPER
CEMENT**
BUILD SAFE

Manufacturing Units at :
Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)
Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)

**JK CEMENT
WallMax X**
White Cement Wall Putty



Registered Office : Kamla Tower, Kanpur-208001, U.P., India. +91-512-2371478 to 85 91-512-2399854 www.jkcement.com

ENVIRONMENTAL STATEMENT
FORM - V

Environmental Statement for the financial year 2024- 25, ending the 31st March' 2025

PART-A

| | |
|---|---|
| i. Name an address of the owner/occupier of the industry operation or process | J.K. Cement Works, Jharli Village: Jharli, Tehsil: Matanhail, District: Jhajjar (Haryana) |
| ii. Industry category Primary - (STC Code) Secondary - (STC Code) | Primary |
| iii. Production capacity 1. Cement 2. Tile Adhesive | 6240 MT/Day 144 MT/ Day |
| iv. Year of establishment- (UNIT WISE) | Year- 2014 |
| v. Date of last environmental statement submitted | 14.09.2024 |

PART-B

WATER AND RAW MATERIAL CONSUMPTION

i. **WATER CONSUMPTION** (in m³/day)

Process : 3.88 m³/day

Domestic : 24.87 m³/day

| Name of products | Process water consumption per unit of products | |
|------------------|--|---|
| | During the previous financial year (2023-24) (KL/MT) | During the current financial year (2024-25) (KL/MT) |
| 1. Cement | 0.0014 | 0.0008 |
| 2. Tile Adhesive | 0.00 | 0.00 |

ii. **RAW MATERIAL CONSUMPTION**

| Name of raw material | Name of products | Consumption of raw material per unit of output | |
|--|------------------|--|---|
| | | During the previous financial year (2023-24) | During the current financial year (2024-25) |
| Clinker | Cement | 0.55 | 0.57 |
| Gypsum | | 0.1 | 0.1 |
| Fly ash % | | 0.32 | 0.32 |
| Pond ash % | | 0.02 | 0.01 |
| Silica Sand | Tile Adhesive | 0.63 | 0.63 |
| Cement | | 0.33 | 0.33 |
| Fly Ash | | 0.01 | 0.01 |
| Others (Mecellose FMC, Vinnapass, Marble powder, Metakaoline etc.) | | 0.02 | 0.03 |

PART-C
POLLUTION DISCHARGE TO ENVIRONMENT / UNIT OF OUTPUT

| Pollutants | Quantity of pollutants discharged (Ton/Day) | Concentration of pollutants in discharge (mg/Nm3) | Percentage of variation from prescribed standards with reasons |
|------------|--|---|--|
| (a) Water | Cement plant is being operated on dry process technology; hence no liquid effluent is generated. Domestic waste water generated from the office toilet and canteen is being treated in sewage treatment plant and treated water is being reused in plantation and horticulture. STP treated water analysis report is attached as Annexure-I | | |
| (b) Air | 1. Stack Emission Monitoring Report is attached as Annexure- II. 2. Ambient Air Monitoring Report is attached as Annexure- III. 3. Ambient Air Noise Monitoring Report is attached as Annexure- IV. | | |

PART-D
(As specified under Hazardous & Other Waste Management Rules' 2016)

| Hazardous waste | Total Quantity | |
|------------------|---|--|
| | During previous financial year (2023-24) (KL) | During current financial year (2024-25) (KL) |
| (a) From Process | Used Oil (Cat. 5.1) – 1.540 MT | Used Oil (Cat. 5.1) – 2.940 MT |
| | Contaminated Cotton Rags -0.200 MT | Contaminated Cotton Rags -0.610 MT |

| | | |
|--|----------------|----------------|
| (b) From Pollution Control facilities | Not applicable | Not applicable |
|--|----------------|----------------|

* Hazardous waste generated will be sold to authorized recyclers authorized by CPCB.

PART-E
SOLID WASTE

| Source | Total Quantity | |
|---|--|--|
| | During previous financial year (2023-24) (MT/Year) | During current financial year (2024-25) (MT/Year) |
| (a) From process | NONE | NONE |
| (b) From pollution control facility | Dust collected in bag house and bag filters are recycled into the system | Dust collected in bag house and bag filters are recycled into the system |
| (c) Quantity rejected or reutilized with in the unit | 100% | 100% |

Other Solid Waste

| Name of solid waste | Total Quantity | |
|--|--|---|
| | During previous financial year (2023-24) (MT/Year) | During current financial year (2024-25) (MT/Year) |
| Metal Scrap | 109.34 | 188.62 |
| Plastic Scrap | 127.84 | 89.94 |
| Empty Drums | 1.00 | 1.0 |
| Wooden scrap | 0 | 0 |
| Cable scrap | 0 | 9.7 |
| Paper Waste | 0 | 0 |
| Torn PP Bags & other misc. | 0 | 0 |
| Plastic Waste | | |
| E-waste (Old computers, printers, circuit boards etc.) | 3.82 | 4.020 |
| Spent Batteries | 0 | 0 |
| Filter bags scrap | 0 | 0 |
| Cotton waste/cotton rags | 0 | 0 |

PART-F

PLEASE SPECIFY THE CHARACTERISATIONS (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.

- 1) Hazardous waste generated in the form of used / spent oil, waste / residue containing oil, empty barrels/containers/liners contaminated with hazardous chemicals/wastes, contaminated cotton rags or other cleaning materials which is stored in barrels at safe & dedicated area and will be sold to recycler approved by Central Pollution Control Board.
- 2) Dust collected from pollution control equipment's (i.e. from Bag house and Bag filter) is totally recycled in the process.

PART-G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION.

Cement manufacturing is a dry process technology; hence no effluent is generated from process. Which is cost effective and environmentally clean technology. The advantage of dry process is also in fuel economy. The stack emissions from the plant are controlled by equipment like Bag filters installed at various material transfer points to arrest the fugitive emissions. The particulate matter collected from the pollution control equipment is recycled in process and optimizing the cost of operation of pollution control equipment, conserving natural raw material and hence no impact on the environment.

PART-H

ADDITIONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT POLLUTION, PREVENTION OF POLLUTION.

- 1) Closed clinker storage silo constructed to reduce the fugitive dust emission, with High efficiency Bag filters.
- 2) Fly ash is stored in closed silo constructed to reduce the fugitive dust emission, with High efficiency Bag filters.

PART-I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT

- 1) Monitoring of stack emission and Ambient Air Quality and Water Quality is being done regularly as mentioned in consent to operate.
- 2) Ambient Air Quality Monitoring Stations (04 Nos.) have been installed at periphery of the plant.
- 3) Continuous Emission Monitoring Systems (CEMS) for PM have been installed at stack of cement mill and real time data transfer to CPCB server is being ensured.
- 4) Bag filters (29 Nos) have been installed at various material transfer points to control fugitive emission and 02 No. Bag House has been installed at Cement Mill & Wagon tippler.

- 5) Cement is being manufactured in dry process and there is no any effluent generated from the process hence maintaining Zero Liquid Discharge (ZLD) unit.
- 6) Fly ash purchased from nearby thermal power plant and use for cement production.
- 7) Raw materials are stored in covered shed, product in closed silo with highly efficient bag filters for fugitive dust emission control.
- 8) Proper Housekeeping and cleaning are being done with the help of road sweeping machines.
- 9) Cover shed Constructed to store the raw material, to avoid fugitive emission. Finish product stored in closed silo.
- 10) Covered Conveyor Belts are provided for material transfer and are equipped with highly efficient Bag filters at all material transfer points.
- 11) Cemented road is constructed to avoid fugitive dust generation during the movement of vehicles.
- 12) Ground water level monitoring is being done.
- 13) Industry has constructed 11 Nos. of rainwater harvesting structures in plant & nearby Villages to recharge ground water.
- 14) A total of 1000 plants planted till March-2025 and 107400 m² area has been covered (36.85% area) under green belt.

Yours faithfully,
For JK Cement Works, Jharli



Authorized signatory

Annexure-I

J.K.Cement Works, Jharli (Haryana)
STP Treated Water Analysis Result for FY: 2024-25

| S. No. | Parameter | Ist Quarter | IIInd Quarter | IIIrd Quarter | IVth Quarter |
|---------------|--|--------------------|----------------------|----------------------|---------------------|
| 1 | Chemical Oxygen Demand (COD)(mg/l) | 30 | 20 | 40 | 25 |
| 2 | Bio-Chemical Oxygen Demand (BOD) (3 Days at 270C) (mg/l) | 7 | 5 | 9 | 8 |
| 3 | Total Suspended Solids (TSS) (mg/l) | 18.2 | 6.4 | 16.9 | 14.5 |
| 4 | Oil & Grease (mg/l) | BDL(DL-3.0) | BDL(DL-3.0) | BDL(DL-3.0) | BDL(DL-3.0) |

Annexure-II**J.K.Cement Works, Jharli (Haryana)****Cement Mill Stack Emission Monitoring Result for FY: 2024-25**

| Month | Air Pollution | Standard Limit | Cement Mill |
|--------------|----------------------|-----------------------|--------------------|
| Apr-24 | Bag House | 30.00 | 3.17 |
| May-24 | Bag House | 30.00 | 3.48 |
| Jun-24 | Bag House | 30.00 | 1.51 |
| Jul-24 | Bag House | 30.00 | 1.96 |
| Aug-24 | Bag House | 30.00 | 5.47 |
| Sep-24 | Bag House | 30.00 | 5.15 |
| Oct-24 | Bag House | 30.00 | 4.64 |
| Nov-24 | Bag House | 30.00 | 5.12 |
| Dec-24 | Bag House | 30.00 | 3.97 |
| Jan-25 | Bag House | 30.00 | 3.54 |
| Feb-25 | Bag House | 30.00 | 3.18 |
| Mar-25 | Bag House | 30.00 | 3.20 |

Ambient Air Quality Monitoring Result (Monthly Average Data in $\mu\text{g}/\text{M}^3$) for FY: 2024-25

| Month | Near Gate No. 1 | | | | Near Gate No. 2 | | | | Near Wagon Tippler | | | | Near Railway Line Side | | | |
|----------------|-----------------|-------------|-------------|------------|-----------------|-------------|-------------|------------|--------------------|-------------|-------------|------------|------------------------|-------------|-------------|------------|
| | PM2.5 | PM10 | NOX | SO2 | PM2.5 | PM10 | NOX | SO2 | PM2.5 | PM10 | NOX | SO2 | PM2.5 | PM10 | NOX | SO2 |
| April' 24 | 36.0 | 55.8 | 23.1 | 8.5 | 37.0 | 56.1 | 23.9 | 8.8 | 38.3 | 58.3 | 21.3 | 7.9 | 32.8 | 52.2 | 19.8 | 7.6 |
| May' 24 | 36.8 | 56.8 | 21.7 | 8.1 | 37.3 | 57.1 | 22.3 | 8.5 | 37.7 | 56.7 | 20.3 | 7.8 | 33.0 | 52.6 | 19.3 | 7.6 |
| June' 24 | 38.1 | 56.8 | 20.8 | 7.6 | 37.4 | 57.2 | 21.0 | 7.9 | 37.3 | 56.7 | 19.9 | 7.4 | 34.0 | 53.0 | 19.1 | 7.3 |
| July' 24 | 35.0 | 52.7 | 20.2 | 7.8 | 34.6 | 52.7 | 19.7 | 7.8 | 34.1 | 53.7 | 18.5 | 7.3 | 31.2 | 49.1 | 19.3 | 6.7 |
| Aug' 24 | 31.8 | 48.0 | 18.4 | 7.0 | 31.9 | 48.5 | 18.3 | 6.9 | 33.3 | 51.5 | 17.6 | 6.5 | 27.4 | 43.2 | 16.6 | 6.2 |
| Sept. '24 | 33.6 | 46.0 | 18.3 | 7.1 | 35.2 | 47.6 | 18.7 | 7.3 | 33.5 | 47.1 | 17.3 | 6.6 | 28.8 | 40.4 | 16.8 | 6.4 |
| Oct. '24 | 31.7 | 38.9 | 19.1 | 7.1 | 32.2 | 39.7 | 19.3 | 7.3 | 31.4 | 38.0 | 18.4 | 6.7 | 28.2 | 35.0 | 17.6 | 6.6 |
| Nov. '24 | 51.7 | 84.3 | 25.9 | 9.7 | 53.3 | 82.9 | 27.1 | 9.5 | 51.8 | 79.8 | 23.9 | 8.8 | 49.1 | 69.4 | 23.7 | 8.4 |
| Dec. '24 | 51.3 | 73.0 | 27.1 | 9.9 | 53.8 | 75.1 | 27.3 | 10.0 | 53.0 | 69.4 | 25.4 | 9.1 | 46.5 | 61.4 | 24.3 | 8.4 |
| Jan. '25 | 46.6 | 58.1 | 25.7 | 9.7 | 50.3 | 59.4 | 26.2 | 9.8 | 45.8 | 58.3 | 24.3 | 8.8 | 40.7 | 51.7 | 23.0 | 8.1 |
| Feb. '25 | 43.9 | 56.7 | 25.5 | 9.0 | 44.5 | 57.5 | 25.2 | 9.2 | 44.1 | 58.1 | 24.0 | 8.6 | 37.6 | 51.4 | 22.4 | 8.1 |
| March'25 | 42.3 | 56.5 | 25.1 | 9.0 | 41.4 | 55.4 | 24.2 | 8.6 | 41.8 | 57.1 | 23.9 | 8.1 | 35.6 | 51.1 | 22.6 | 7.7 |
| Average | 40.6 | 57.1 | 22.6 | 8.4 | 41.5 | 57.6 | 22.7 | 8.4 | 40.6 | 57.0 | 21.3 | 7.8 | 35.9 | 50.6 | 20.5 | 7.4 |

J.K.Cement Works, Jharli (Haryana)

Ambient Noise Monitoring Result in dB(A) for FY: 2024-25

| Location | Gate No -1 | | Gate No -2 | | Near Wagon Tippler | | Railway Line Side | |
|----------|------------|-------|------------|-------|--------------------|-------|-------------------|-------|
| | Day | Night | Day | Night | Day | Night | Day | Night |
| Apr-24 | 68.3 | 65.4 | 67.5 | 64.2 | 68.3 | 65.2 | 60.2 | 57.4 |
| | 68.6 | 64.5 | 67.5 | 63.8 | 67.5 | 64.7 | 60.7 | 56.4 |
| May-24 | 65.4 | 63.9 | 66.9 | 62.9 | 67.2 | 66.1 | 58.2 | 55.6 |
| | 67.4 | 63.8 | 68.1 | 62.6 | 68.1 | 64.5 | 59.3 | 56.3 |
| Jun-24 | 66.4 | 62.6 | 67.2 | 63.4 | 65.9 | 64.2 | 57.4 | 55.2 |
| | 66.8 | 62.4 | 68.4 | 63.6 | 66.8 | 63.4 | 56.3 | 54.5 |
| Jul-24 | 65.9 | 61.4 | 68.3 | 64.2 | 66.2 | 63.8 | 56.4 | 54.6 |
| | 65.2 | 61.7 | 67.6 | 65.3 | 66.4 | 62.8 | 57.2 | 54.8 |
| Aug-24 | 69.2 | 66.5 | 70.2 | 67.3 | 69.8 | 67.3 | 63.4 | 58.2 |
| | 68.2 | 66.4 | 69.3 | 66.8 | 71.2 | 67.5 | 52.8 | 48.4 |
| Sep-24 | 67.4 | 63.8 | 69.5 | 65.8 | 68.9 | 65.9 | 60.5 | 57.2 |
| | 65.8 | 61.4 | 66.8 | 63.2 | 67.2 | 64.5 | 61.7 | 53.8 |
| Oct-24 | 66.8 | 62.6 | 68.6 | 64.4 | 67.6 | 63.4 | 58.3 | 55.6 |
| | 65.7 | 62.2 | 66.7 | 63.5 | 68.2 | 64.6 | 60.4 | 54.8 |
| Nov-24 | 65.6 | 61.9 | 66.8 | 53.5 | 64.6 | 61.5 | 57.4 | 54.2 |
| | 66.2 | 62.5 | 67.4 | 61.9 | 69.4 | 60.8 | 59.6 | 51.8 |
| Dec-24 | 66.2 | 60.8 | 67.5 | 56.2 | 67.2 | 60.8 | 58.2 | 52.6 |
| | 67.3 | 61.5 | 64.8 | 56.7 | 65.4 | 60.2 | 60.2 | 52.4 |
| Jan-25 | 64.8 | 60.3 | 68.2 | 57.6 | 66.1 | 57.3 | 57.2 | 50.8 |
| | 66.5 | 60.9 | 65.7 | 55.8 | 64.2 | 58.6 | 59.7 | 49.5 |
| Feb-25 | 65.6 | 59.8 | 67.4 | 58.6 | 67.5 | 61.4 | 60.4 | 51.6 |
| | 66.8 | 60.4 | 66.5 | 56.2 | 63.8 | 59.5 | 58.2 | 50.6 |
| Mar-25 | 66.2 | 58.1 | 66.8 | 58.2 | 66.8 | 57.4 | 56.5 | 49.4 |
| | 56.4 | 61.4 | 64.3 | 57.2 | 64.2 | 60.1 | 59.6 | 51.2 |
| Average | 66.2 | 62.3 | 67.4 | 61.4 | 67.0 | 62.7 | 58.7 | 53.6 |

From Assistant Divisional Fire Officer/Fire Station Officer
Bahadurgarh

To **M/s JK CEMENT WORKS**
VILLAGE JHARLI TEHSIL MATAINHAIL DISTRICT JHAJJAR HARYANA
Memo No. FS/2023/224 dated : 03/05/2023

Subject: Renewal of Fire Safety Certificate 15 mtrs. and Above height from the fire Safety Point of View of the Group G- Industrial Building at VILLAGE JHARLI TEHSIL MATAINHAIL DISTRICT JHAJJAR HARYANA of JK CEMENT WORKS :

Reference to you online No 07045232300008 dated 25/03/2023 on the subject cited above.

| Tower Name | Floor Detail | Height | Ground Coverage |
|----------------------|---------------|-------------|-----------------|
| Block A | G+7 | 41.170 mtrs | 1762.904 SQM |
| Block B | G+2 | 42.50 mtrs | 581.966 SQM |
| Block C | G+2 | 49.050 mtrs | 1101.297 SQM |
| Block D | G+3 | 44.450 mtrs | 228.653 SQM |
| Block E (2Nos Block) | GF | 5.537 mtrs | 706.014 SQM |
| Block F (2Nos Block) | GF | 5.550 mtrs | 9039.80 SQM |
| Block G | GF | 5.550 mtrs | 2364.45 SQM |
| Basement Level | Basement Area | Remarks | |
| NA | NA | NA | |

Your site for the Renewal of the Fire Safety Certificate has been inspected by the Team of Fire Station Officers, **Bahadurgarh** from fire safety Point of View. The means of escape and Fire Protection system were checked and found as per the National Building Code of India, Part- IV guidelines.

In view of the satisfactory fire protection system / arrangement mentioned as above, this office has no objection for occupation from the Fire Safety point of view, with the following conditions:-

- 1) The owner/occupier shall keep duly trained Fire Staff in all three shifts.
- 2) The Fire Protection System tested during inspection shall be maintained properly & always should be in good working condition.
- 3) If any lapse is found in the fire protection system at the time of inspection or detected during outbreak of fire, action will be taken as per rules against you.
- 4) You are directed to apply for Renewal of Fire Safety Certificate in future before 2 month of expiry of your Fire Safety Certificate.
- 5) The open set back area is not checked at our end as it shall be checked by concerned building department.
- 6) The owner/occupier shall strictly follow the other applicable rules/ regulations/ byelaws laid down regarding fire safety system. If you fail to comply with any of the above terms & conditions you will be liable to be punished as per Section 30,31 & 47 of fire & Emergency Services Act 2022.
- 7) You have to perform quarterly Fire Drill in your building as per NBC with intimation to Fire Department and video graphy evidence to be kept as a record which shall be produced at the time of next Renewal; Officials/Residents/R.W.A. should be mentioned in the drill.
- 8) If the Infringements of Byelaws remains un- noticed the Authority reserves the right to amend the Fire Safety Certificate as and when any such Infringements comes to notice after giving an opportunity of being heard and the Authority shall stand Indemnified against any claim on this account.
- 9) The owner or occupier of the building shall give a self-declaration certificate annually to the effect that the fire fighting system installed in his building is working in good condition and there is no addition/alteration in the building. The Fire Officer may randomly check such building. In case there is any addition/alteration beyond permissible limits under the Haryana Building Code, 2017, the fire safety certificate shall cease to exist and the owner shall apply for approval of revised Fire Fighting Scheme as per the provisions of section 18.

The above Renewal of Fire Safety Certificate is valid for **Three** year from the date of issue of this letter Applying renewal of the same well in time shall be the responsibility of owner/occupier.

Remarks:- Approved



Fire Station Officer,
Bahadurgarh
Exercising the power of Director, Fire Services, Haryana