

Ref. No. JK/Jharli/PC/ JKJharli/PC/996

Dated – 25th Nov, 2024

To,
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

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-2024 to September 2024.**

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-2024 to September 2024** 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 Bahadurgarh, Haryana E mail: hspcbrobdh@gmail.com
3. 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, Chandigarh, Haryana E mail: ronz.chd-mef@nic.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.

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**J.K. Cement Ltd. At Village- Jharli, Tehsil Matanhail, District-Jhajjar, Haryana
(EC No. SEIAA/HR/2013/647 dated 04-09-2013)**


Six monthly EC compliance report for the period from April 2024 to Sep, 2024 Dated: 25.11.2024

Part A. - Specific Conditions

Sr. No.	Condition	Reply																																																	
1	Particulate emission shall be controlled within 50 mg/Nm ³ 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>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's Regional Office at Chandigarh, SEIAA Haryana, HSPCB, Panchkula and CPCB. Copy of Monitoring reports are enclosed as Annexure-1.</p> <div></div> <p>Six monthly (April-2024 to September-2024) Ambient air monitoring Average report is given below:- Results are in (µg/M³)</p> <table><tr><th>Location</th><th>PM2.5</th><th>PM10</th><th>NO2</th><th>SO2</th></tr><tr><td>L1</td><td>35.2</td><td>52.7</td><td>20.4</td><td>7.7</td></tr><tr><td>L2</td><td>35.6</td><td>53.2</td><td>20.6</td><td>7.9</td></tr><tr><td>L3</td><td>35.7</td><td>54.0</td><td>19.6</td><td>7.2</td></tr><tr><td>L4</td><td>31.2</td><td>48.4</td><td>18.5</td><td>7.0</td></tr></table> <p>Location:- L1- Near Gate-1, L2- Near Gate -2, L3- Near Wagon tippler and L4- Near railway line side</p> <p>Six monthly (April-2024 to September-2024) Cement Mill Stack monitoring report is given below:- Results are in (mg/NM³)</p> <table><tr><th>Location/Month</th><th>Cement Mill</th></tr><tr><td>April 2024</td><td>3.17</td></tr><tr><td>May 2024</td><td>3.48</td></tr><tr><td>June 2024</td><td>1.51</td></tr><tr><td>July 2024</td><td>1.96</td></tr><tr><td>August 2024</td><td>2.22</td></tr><tr><td>September 2024</td><td>5.47</td></tr></table> <p>Six monthly (April-2024 to September-2024) Fugitive emission monitoring Quarterly Average report is given below:- Results are in (µg/M³)</p> <table><tr><th>Location</th><th>SPM</th></tr><tr><td>Packing Area</td><td>693</td></tr><tr><td>Fly Ash Silo</td><td>498.5</td></tr><tr><td>Unloading Area</td><td>541.5</td></tr><tr><td>Near Cement Mill</td><td>594</td></tr></table>	Location	PM2.5	PM10	NO2	SO2	L1	35.2	52.7	20.4	7.7	L2	35.6	53.2	20.6	7.9	L3	35.7	54.0	19.6	7.2	L4	31.2	48.4	18.5	7.0	Location/Month	Cement Mill	April 2024	3.17	May 2024	3.48	June 2024	1.51	July 2024	1.96	August 2024	2.22	September 2024	5.47	Location	SPM	Packing Area	693	Fly Ash Silo	498.5	Unloading Area	541.5	Near Cement Mill	594
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2	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16 th November, 2009 should be followed.	Being Complied. Ambient Air Monitoring reports are enclosed as Annexure-1
3	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.	Being Complied. Copy of the same is enclosed as Annexure-1
4	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 conveyers 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>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.</p> 
5	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 by the Central Pollution Control Board in this regard.	<p>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.</p> <p>Ambient air quality parameters are being monitored regularly and results are well within limit. A copy of the same is enclosed as Annexure-1.</p> 
6	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	<p>Being Complied.</p> <p>All raw material including fly ash are being transported in the closed containers and no overloading is permitted Vehicles are allowed only with the Pollution</p>

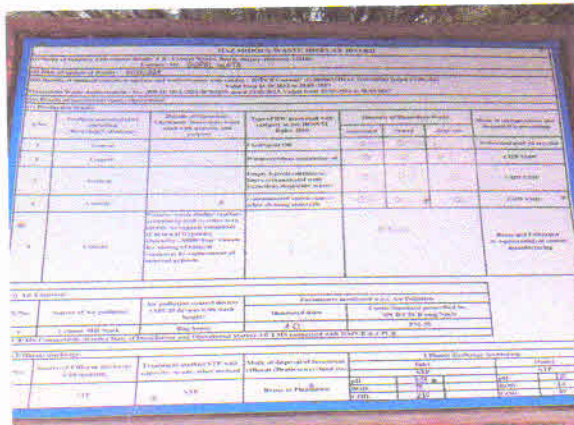
	transported in the closed containers only and should not be overloaded. Vehicular emission should be regularly monitored. The vehicles should have Pollution under Control Certificate.	under Control Certificate (PUC) to transport the raw material within the Plant site. 															
7	Total ground water requirement for the Cement plant shall not exceed 300 m ³ /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.	Being complied. NOC no. HWRA/NOC/IND/R/2023/155 valid up to 06.07.2024 obtained for withdrawal of ground water. Renewal application has been submitted. NOC issuance is delayed due to the HWRA committee not being constituted. Total water consumption will not have exceeded 95 m ³ /day. Treated waste water is being reused in green belt development within the Plant site only. Being a dry process-based industry there is no process waste water generated. Zero Liquid discharge facility is being maintained.															
8	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.	Being complied. 11 nos. of rain water harvesting pits have been constructed to recharge the ground water table. 															
9	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.	Being complied. All the bag filter dust, clinker dust and cement dust from pollution control devices is being recycled and reused in the process for cement manufacturing. Spent oil and batteries are being sold to authorized recyclers/ re- processors.															
10	Green belt shall be developed in at least 33% area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.	Being complied. 33% of the total project area is 9.45 ha. A total of 16250 plants have been planted covering 10.7 ha. 															
11	At least 5% 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.	Complied CSR/CER activities are being done regularly in nearby areas. Details of CSR/CER expenditure is enclosed as. Annexure-2. CSR Expenditure (April-2024 to September-2024) <table border="1"> <thead> <tr> <th>S. No.</th><th>CSR Head</th><th>Amount in Rs. Lakhs</th></tr> </thead> <tbody> <tr> <td>1</td><td>Health</td><td>1.11</td></tr> <tr> <td>2</td><td>Education</td><td>0.11</td></tr> <tr> <td>3</td><td>Environment</td><td>0.60</td></tr> <tr> <td>4</td><td>Rural Transformation</td><td>0</td></tr> </tbody> </table>	S. No.	CSR Head	Amount in Rs. Lakhs	1	Health	1.11	2	Education	0.11	3	Environment	0.60	4	Rural Transformation	0
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		Total	1.82
12	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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Not applicable as the project is in operation phase.	
13	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>Being complied.</p> <p>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.</p> <p>STP installation has been certified by M/s Apex Water. Installed STP does not require filter back wash. STP water analysis report is attached as Annexure-3</p> 	
14	The sludge generated shall be treated and used as manure.	Sludge generated from STP is being used as manure in greenbelt/ plantation.	

Part B.- General Conditions

Sr. No.	Condition	Reply
(i)	The project authority must strictly adhere to the stipulations made by the Haryana State Pollution Control Board and the State Government.	Noted.
(ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Haryana	Agreed and Noted. No further expansion or modifications in the plant will be carried out without prior approval of the SEIAA, Haryana.
(iii)	The gaseous emissions from various process units shall conform to the load/mass based standards notified by Ministry on 19 th 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.	Being Complied. Emission from process is being maintained well within prescribed standards notified by the Ministry on 19 th May, 1993. A copy of the same is enclosed as Annexure-1 .
(iv)	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM _{2.5} , PM ₁₀ , SO ₂ , NO _x 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.	Four ambient air quality monitoring stations have been established and regular monitoring has been carried out for parameters PM _{2.5} , PM ₁₀ , SO ₂ , NO _x . 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 .
(v)	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	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

	levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	<p>time). A copy of the same is enclosed as Annexure-4. Monthly average of ambient Noise are as (Day/Night in dB) :-</p> <table><tr><th>Month</th><th>L 1</th><th>L 2</th><th>L 3</th><th>L 4</th></tr><tr><td>April 2024</td><td>68.5/ 65.0</td><td>67.5/ 64.0</td><td>67.9/ 65.0</td><td>60.5/ 56.9</td></tr><tr><td>May 2024</td><td>66.4/ 63.9</td><td>67.5/ 62.8</td><td>67.7/ 65.3</td><td>58.8/ 56.0</td></tr><tr><td>June 2024</td><td>66.6/ 62.5</td><td>67.8/ 63.5</td><td>66.4/ 63.8</td><td>56.9/ 54.9</td></tr><tr><td>July 2024</td><td>65.6/ 61.6</td><td>68.0/ 64.8</td><td>66.3/ 63.3</td><td>56.8/ 54.7</td></tr><tr><td>Aug. 2024</td><td>68.7/ 66.5</td><td>69.8/ 67.1</td><td>70.5/ 67.4</td><td>58.1/ 53.3</td></tr><tr><td>Sept. 2024</td><td>66.6/ 62.6</td><td>68.2/ 64.5</td><td>68.1/ 65.2</td><td>61.1/ 55.5</td></tr></table> <p>Location: - L1- Near Gate-1, L2- Near Gate -2, L3- Near Wagon tippler and L4- Near railway line side.</p>	Month	L 1	L 2	L 3	L 4	April 2024	68.5/ 65.0	67.5/ 64.0	67.9/ 65.0	60.5/ 56.9	May 2024	66.4/ 63.9	67.5/ 62.8	67.7/ 65.3	58.8/ 56.0	June 2024	66.6/ 62.5	67.8/ 63.5	66.4/ 63.8	56.9/ 54.9	July 2024	65.6/ 61.6	68.0/ 64.8	66.3/ 63.3	56.8/ 54.7	Aug. 2024	68.7/ 66.5	69.8/ 67.1	70.5/ 67.4	58.1/ 53.3	Sept. 2024	66.6/ 62.6	68.2/ 64.5	68.1/ 65.2	61.1/ 55.5
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(vi)	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers is being done on a regular basis and records are maintained as per the Factories Act. Total 315 nos. of employees have been examined from Apr- 2024 to Sep-2024. Reports are enclosed as Annexure - 5 .																																			
(vii)	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>5 Nos of rain water harvesting pits along with 6 Nos injection well structure has been constructed for recharging the ground water.</p> <p>Photographs of Rainwater harvesting structures: -</p> <div></div>																																			
(viii)	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>Being Complied.</p> <p>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 April-24 to September-24 is attached as Annexure-2.</p> <table><tr><th>S. No.</th><th>CSR Head</th><th>Amount in Rs. Lakhs</th></tr><tr><td>1</td><td>Health</td><td>1.11</td></tr><tr><td>2</td><td>Education</td><td>0.11</td></tr><tr><td>3</td><td>Environment</td><td>0.60</td></tr><tr><td>4</td><td>Rural Transformation</td><td>0</td></tr><tr><td colspan="2">Total</td><td>1.82</td></tr></table>	S. No.	CSR Head	Amount in Rs. Lakhs	1	Health	1.11	2	Education	0.11	3	Environment	0.60	4	Rural Transformation	0	Total		1.82																	
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(ix)	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	<p>Complied.</p> <p>Status of EMP is given below:</p> <table><tr><th>Sr. No.</th><th>Unit</th><th>Capital Cost (Rs.in Lakhs)</th><th>Total Recurring Cost Rs. (Lacs) from April-24 to Sep.-24</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Sr. No.	Unit	Capital Cost (Rs.in Lakhs)	Total Recurring Cost Rs. (Lacs) from April-24 to Sep.-24																															
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	at Chandigarh. The funds so provided shall not be diverted for any other purpose.	<table><tr><td>1.</td><td>APCM (Bag houses, Bag filters, Road sweeping machines,</td><td>560</td><td>3.62</td></tr><tr><td>2.</td><td>Hazardous Waste shed</td><td>1.0</td><td>0</td></tr><tr><td>3.</td><td>STP</td><td>37.0</td><td>1.89</td></tr><tr><td>4.</td><td>Monitoring Cost</td><td>10.0</td><td>1.26</td></tr><tr><td>5.</td><td>Smog Gun</td><td>2.5</td><td>0</td></tr><tr><td colspan="2">Total</td><td>610.5</td><td>6.77</td></tr></table>	1.	APCM (Bag houses, Bag filters, Road sweeping machines,	560	3.62	2.	Hazardous Waste shed	1.0	0	3.	STP	37.0	1.89	4.	Monitoring Cost	10.0	1.26	5.	Smog Gun	2.5	0	Total		610.5	6.77
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(x)	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.	Complied. EC Letter has been sent to concerned Panchayat, Zila Parishad/Municipal Corporation, Letter No. JKJharli/Env/135 dated 11 th , September 2013. Urban Local Body and the local NGO vide EC letter has already been displayed on the Company's Website too.																								
(xi)	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; PM _{2.5} , PM ₁₀ , SO ₂ , NO _x (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.	EC compliance report including results of monitored data is being uploaded on the company's 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. 																								
(xii)	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.	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. Last half yearly compliance report was submitted vide letter Dated 24 th May-2024 Ref No. JK/Jharli/PC/ JKJharli/PC/980.																								
(m)	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	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's website and sent to SEIAA Haryana and regional office of the MoEF, Chandigarh by e-mail. Environment Statement report for FY 2023-24 has been submitted vide Letter No. JKJharli/PC-01/993 dated 14.09.2024 Copy of the same is enclosed as Annexure 6 .																								

	regional office of the MoEF at Chandigarh by e-mail.	
(n)	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 & 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.	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
(o)	The SEIAA Haryana may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
(p)	The SEIAA Haryana reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Noted & Agreed.
(q)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1986, Hazardous Wastes (Management, Handling & Transboundary movement) Rules, 2008 and Public (Insurance) Liability Act, 1991 along with their amendments and rules.	Noted & Agreed.
(r)	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.	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-7

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


Gopal Gupta
(Unit Head)



S AND R ENVIROLAB LLP

NABL Accredited Testing Laboratory (Certificate No. TC-11493)
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/18042024005
Sample I.D. : SREL/AA/18042024019
Sample Received : 18/04/2024
Date of Issue : 23/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 16/04/2024 to 17/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 1

Physical Observation

(a) Ambient temp.(Min/Max) : 24°C/36°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.175m³/min.

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 23/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	56.3	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	37.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	23.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	9.2	80.0	IS : 5182 P-2

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

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Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Technical Director



Add. Plot No.-96, Sector-7, IMT Manesar, Gurugram, Haryana-122052 (india)

Tel: 0124-4240147, M. +91 7503957000, +91 7015479139

Email: srenvirolab@gmail.com

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/18042024006
Sample I.D. : SREL/AA/18042024020
Sample Received : 18/04/2024
Date of Issue : 23/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 16/04/2024 to 17/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 2

Physical Observation
(a) Ambient temp.(Min/Max) : 24°C/36°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.185 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 23/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	55.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m³	36.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m³	22.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m³	8.6	80.0	IS : 5182 P-2

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

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Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Balley
Authorized Signatory
Ranbir Singh
Technical Director



TEST REPORT

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

Test Report No : SREL/E/18042024007
Sample I.D. : SREL/AA/18042024021
Sample Received : 18/04/2024
Date of Issue : 23/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 16/04/2024 to 17/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Trippler

Physical Observation
(a) Ambient temp.(Min/Max) : 24°C/36°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.175m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 23/04/2024

S. No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	59.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	38.5	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.6	80.0	IS : 5182 P-2

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

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Ranbir Singh
Technical Director


TEST REPORT

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

Test Report No : SREL/E/18042024008
Sample I.D. : SREL/AA/18042024022
Sample Received : 18/04/2024
Date of Issue : 23/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 16/04/2024 to 17/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Railway Line Side

Physical Observation

(a) Ambient temp.(Min/Max) : 24°C/36°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.20 m³/min.

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 23/04/2024

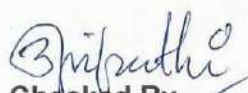
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	52.3	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	33.5	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	19.6	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.9	80.0	IS : 5182 P-2

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

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Ranbir Singh
Technical Director


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Page : 1 of 1

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

Test Report No : SREL/E/22042024001
Sample I.D. : SREL/AA/22042024001
Sample Received : 22/04/2024
Date of Issue : 26/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring

Details of Sampling

1. Date of Sampling : 20/04/2024 to 21/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 1

Physical Observation

- (a) Ambient temp.(Min/Max) : 24°C/35°C
- (b) Weather Cond. : Clear
- (c) Wind Direction : West to East
- (d) Sampling Flow Rate For Gases : 0.5 LPM
- (e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 22/04/2024

Test Completed on : 26/04/2024

S. No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	54.9	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	36.5	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	22.2	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.3	80.0	IS : 5182 P-2

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

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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/22042024002
Sample I.D. : SREL/AA/22042024002
Sample Received : 22/04/2024
Date of Issue : 26/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 20/04/2024 to 21/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 2

Physical Observation

(a) Ambient temp.(Min/Max) : 24°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.185 m³/min.

TEST RESULTS

Test Started on : 22/04/2024

Test Completed on : 26/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	57.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	38.2	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	24.1	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.8	80.0	IS : 5182 P-2

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

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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/22042024003
Sample I.D. : SREL/AA/22042024003
Sample Received : 22/04/2024
Date of Issue : 26/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 20/04/2024 to 21/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Trippler

Physical Observation
(a) Ambient temp.(Min/Max) : 24°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.175m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 22/04/2024

Test Completed on : 26/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	59.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	38.5	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	21.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.2	80.0	IS : 5182 P-2

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

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Ranbir Singh
Technical Director


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/22042024004
Sample I.D. : SREL/AA/22042024004
Sample Received : 22/04/2024
Date of Issue : 26/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring

Details of Sampling

1. Date of Sampling : 20/04/2024 to 21/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation

- (a) Ambient temp.(Min/Max) : 24°C/35°C
- (b) Weather Cond. : Clear
- (c) Wind Direction : West to East
- (d) Sampling Flow Rate For Gases : 0.5 LPM
- (e) Sampling Flow Rate For RSPM/ : 1.250 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 22/04/2024

Test Completed on : 26/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	51.5	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	30.6	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	19.2	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.5	80.0	IS : 5182 P-2

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

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Dr. Ramesh Chandra Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director



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/03042024001
Sample I.D. : SREL/AA/03042024001
Sample Received : 03/04/2024
Date of Issue : 08/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 01/04/2024 to 02/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 1

Physical Observation
(a) Ambient temp.(Min/Max) : 19°C/33°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.20m³/min.

TEST RESULTS

Test Started on : 03/04/2024

Test Completed on : 08/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	55.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	34.8	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	24.1	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.2	80.0	IS : 5182 P-2

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

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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/03042024002
Sample I.D. : SREL/AA/03042024002
Sample Received : 03/04/2024
Date of Issue : 08/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation	
Details of Sampling		(a) Ambient temp.(Min/Max)	: 19°C/33°C
1. Date of Sampling	: 01/04/2024 to 02/04/2024	(b) Weather Cond.	: Clear
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction	: West to East
3. Equipment Used	: RDS&PM 2.5 Sampler	(d) Sampling Flow Rate For Gases	: 0.5 LPM
4. Sampling Done By	: SREL	(e) Sampling Flow Rate For RSPM/	: 1.175 m ³ /min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Near Gate No. 2		

TEST RESULTS

Test Started on : 03/04/2024

Test Completed on : 08/04/2024

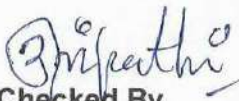
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	53.8	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	37.2	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	25.2	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.5	80.0	IS : 5182 P-2

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

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Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director



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/03042024003
Sample I.D. : SREL/AA/03042024003
Sample Received : 03/04/2024
Date of Issue : 08/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation	
Details of Sampling		(a) Ambient temp.(Min/Max)	: 19°C/33°C
1. Date of Sampling	: 01/04/2024 to 02/04/2024	(b) Weather Cond.	: Clear
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction	: West to East
3. Equipment Used	: RDS&PM 2.5 Sampler,	(d) Sampling Flow Rate For Gases	: 0.5 LPM
4. Sampling Done By	: SREL	(e) Sampling Flow Rate For RSPM/	: 1.20 m ³ /min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Near Wagon Trippler		

TEST RESULTS

Test Started on : 03/04/2024

Test Completed on : 08/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	58.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	39.5	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	21.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.9	80.0	IS : 5182 P-2

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

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Quality Manager




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Ranbir Singh
Technical Director



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/03042024004
Sample I.D. : SREL/AA/03042024004
Sample Received : 03/04/2024
Date of Issue : 08/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 01/04/2024 to 02/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler,
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation

(a) Ambient temp.(Min/Max) : 19°C/33°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.20 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 03/04/2024

Test Completed on : 08/04/2024

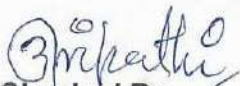
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	52.8	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	33.1	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	19.4	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.6	80.0	IS : 5182 P-2

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

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Quality Manager




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Technical Director


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/06042024002
Sample I.D. : SREL/AA/06042024007
Sample Received : 06/04/2024
Date of Issue : 10/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation	
Details of Sampling		(a) Ambient temp.(Min/Max)	: 21°C/34°C
1. Date of Sampling	: 04/04/2024 to 05/04/2024	(b) Weather Cond.	: Clear
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction	: West to East
3. Equipment Used	: RDS&PM 2.5 Sampler,	(d) Sampling Flow Rate For Gases	: 0.5 LPM
4. Sampling Done By	: SREL	(e) Sampling Flow Rate For RSPM/	: 1.20 m³/min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Near gate No. 1		

TEST RESULTS

Test Started on : 06/04/2024

Test Completed on : 10/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	54.3	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m³	33.9	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m³	22.4	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m³	7.9	80.0	IS : 5182 P-2

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

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Tripathi
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Dr. Ramesh Chandra Tripathi
Quality Manager



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Ranbir Singh
Technical Director



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/06042024003
Sample I.D. : SREL/AA/06042024008
Sample Received : 06/04/2024
Date of Issue : 10/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 04/04/2024 to 05/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near gate No. 2

Physical Observation
(a) Ambient temp.(Min/Max) : 21°C/34°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.175m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 06/04/2024

Test Completed on : 10/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	56.5	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.7	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	23.4	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.4	80.0	IS : 5182 P-2

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

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Quality Manager




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Ranbir Singh
Technical Director



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/06042024004
Sample I.D. : SREL/AA/06042024009
Sample Received : 06/04/2024
Date of Issue : 10/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 04/04/2024 to 05/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Tripller

Physical Observation
(a) Ambient temp.(Min/Max) : 21°C/34°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.200 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 06/04/2024

Test Completed on : 10/04/2024

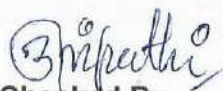
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	58.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	39.5	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	21.2	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.8	80.0	IS : 5182 P-2

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

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Ranbir Singh
Technical Director



TEST REPORT

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Issued to: M/S JK Cement Works
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Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/06042024005
Sample I.D. : SREL/AA/06042024010
Sample Received : 06/04/2024
Date of Issue : 10/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 04/04/2024 to 05/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation
(a) Ambient temp.(Min/Max) : 21°C/34°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.20 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 06/04/2024

Test Completed on : 10/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	52.5	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	31.8	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.5	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.4	80.0	IS : 5182 P-2

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

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Dr. Ramesh Chandra Tripathi

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Dr. Ramesh Chandra Tripathi
Quality Manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director



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/10042024001
Sample I.D. : SREL/AA/10412024001
Sample Received : 10/04/2024
Date of Issue : 15/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 08/04/2024 to 09/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near gate No.- 1

Physical Observation
(a) Ambient temp.(Min/Max) : 20°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.175 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 10/04/2024

Test Completed on : 15/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	56.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	22.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.6	80.0	IS : 5182 P-2

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

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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/10042024002
Sample I.D. : SREL/AA/10412024002
Sample Received : 10/04/2024
Date of Issue : 15/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 08/04/2024 to 09/01/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near gate No.- 2

Physical Observation

(a) Ambient temp.(Min/Max) : 20°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.185 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 10/04/2024

Test Completed on : 13/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	54.8	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	36.1	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	24.3	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	9.1	80.0	IS : 5182 P-2

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

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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/10042024003
Sample I.D. : SREL/AA/10412024003
Sample Received : 10/04/2024
Date of Issue : 15/04/2024
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/35°C
1. Date of Sampling	: 08/04/2024 to 09/04/2024	(b) Weather Cond.	: Clear
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction	: West to East
3. Equipment Used	: RDS&PM 2.5 Sampler	(d) Sampling Flow Rate For Gases	: 0.5 LPM
4. Sampling Done By	: SREL	(e) Sampling Flow Rate For RSPM/	: 1.175 m ³ /min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Near Wagon Trippler		

TEST RESULTS

Test Started on : 10/04/2024

Test Completed on : 15/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	58.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	37.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.3	80.0	IS : 5182 P-2

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:-

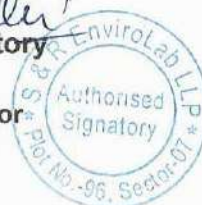
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Ranbir Singh
Technical Director



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/10042024004
Sample I.D. : SREL/AA/10412024004
Sample Received : 10/04/2024
Date of Issue : 15/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 08/04/2024 to 09/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation
(a) Ambient temp.(Min/Max) : 20°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.250 m³/min.

TEST RESULTS

Test Started on : 10/04/2024

Test Completed on : 15/04/2024

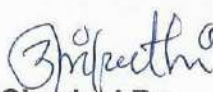
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	52.4	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	33.1	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.4	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.5	80.0	IS : 5182 P-2

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

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Quality Manager




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Ranbir Singh
Technical Director


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/13042024002
Sample I.D. : SREL/AA/13042024009
Sample Received : 13/04/2024
Date of Issue : 17/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 11/04/2024 to 12/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No.1

Physical Observation
(a) Ambient temp.(Min/Max) : 22°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.185m³/min.

TEST RESULTS

Test Started on : 13/04/2024

Test Completed on : 17/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	55.4	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m³	34.3	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m³	21.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m³	8.0	80.0	IS : 5182 P-2

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

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Issued to: M/S JK Cement Works
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Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/13042024003
Sample I.D. : SREL/AA/13042024010
Sample Received : 13/04/2024
Date of Issue : 17/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling :
1. Date of Sampling : 11/04/2024 to 12/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No.2

Physical Observation
(a) Ambient temp.(Min/Max) : 22°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.175 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 13/04/2024

Test Completed on : 17/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	56.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.8	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	23.2	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.6	80.0	IS : 5182 P-2

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

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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/13042024004
Sample I.D. : SREL/AA/13042024011
Sample Received : 13/04/2024
Date of Issue : 17/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 11/04/2024 to 12/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Trippler

Physical Observation
(a) Ambient temp.(Min/Max) : 22°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.175 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 13/04/2024

Test Completed on : 17/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	60.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	39.2	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	21.5	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.6	80.0	IS : 5182 P-2

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

Opinion/Interpretation

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Issued to: M/S JK Cement Works
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Test Report No. : SREL/E/13042024004
Sample I.D. : SREL/AA/13042024012
Sample Received : 13/04/2024
Date of Issue : 17/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 11/04/2024 to 12/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation
(a) Ambient temp.(Min/Max) : 22°C/35°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.250m³/min.

TEST RESULTS

Test Started on : 13/04/2024

Test Completed on : 17/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	51.6	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	32.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	19.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.4	80.0	IS : 5182 P-2

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

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Issued to: M/S JK Cement Works
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Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/25042024001
Sample I.D. : SREL/AA/25042024001
Sample Received : 25/04/2024
Date of Issue : 29/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 23/04/2024 to 24/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 1

Physical Observation
(a) Ambient temp.(Min/Max) : 25°C/37°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.185m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/04/2024

Test Completed on : 29/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	58.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	37.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	23.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	9.2	80.0	IS : 5182 P-2

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

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Issued to: M/S JK Cement Works
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Test Report No. : SREL/E/25042024002
Sample I.D. : SREL/AA/25042024002
Sample Received : 25/04/2024
Date of Issue : 29/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 23/04/2024 to 24/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 2

Physical Observation
(a) Ambient temp.(Min/Max) : 25°C/37°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.175m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/04/2024

Test Completed on : 29/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	56.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m³	39.2	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m³	24.1	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m³	9.6	80.0	IS : 5182 P-2

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

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Issued to: M/S JK Cement Works
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Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/25042024003
Sample I.D. : SREL/AA/25042024003
Sample Received : 25/04/2024
Date of Issue : 29/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 23/04/2024 to 24/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Trippler

Physical Observation
(a) Ambient temp.(Min/Max) : 25°C/37°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/04/2024

Test Completed on : 29/04/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	57.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	38.3	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	21.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.3	80.0	IS : 5182 P-2

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

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Issued to: M/S JK Cement Works
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Test Report No. : SREL/E/25042024004
Sample I.D. : SREL/AA/25042024004
Sample Received : 25/04/2024
Date of Issue : 29/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation
Details of Sampling		(a) Ambient temp.(Min/Max) : 25°C/37°C
1. Date of Sampling	: 23/04/2024 to 24/04/2024	(b) Weather Cond. : Clear
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction : West to East
3. Equipment Used	: RDS&PM 2.5 Sampler	
4. Sampling Done By	: SREL	
5. Duration of Sampling	: 24 Hrs.	(d) Sampling Flow Rate For Gas : 0.5LPM
6. Sampling Location	: Near Railway Line Side	(e) Sampling Flow Rate For RSP : 1.20m ³ /min. PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/04/2024

Test Completed on : 29/04/2024


S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	53.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	34.5	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.2	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.9	80.0	IS : 5182 P-2

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

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

Test Report No. : SREL/E/29042024001
Sample I.D. : SREL/AA/29042024001
Sample Received : 29/04/2024
Date of Issue : 03/05/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 27/04/2024 to 28/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 1

Physical Observation
(a) Ambient temp.(Min/Max) : 22°C/38°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.185m³/min
PM-10 (Ave.)

TEST RESULTS

Test Started on : 29/04/2024

Test Completed on : 03/05/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	55.8	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m³	38.2	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m³	23.5	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m³	8.3	80.0	IS : 5182 P-2

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

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Issued to: M/S JK Cement Works
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Test Report No. : SREL/E/29042024002
Sample I.D. : SREL/AA/29042024002
Sample Received : 29/04/2024
Date of Issue : 03/05/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 27/04/2024 to 28/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No.2

Physical Observation
(a) Ambient temp.(Min/Max) : 22°C/38°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.175m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 29/04/2024

Test Completed on : 03/05/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	59.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	37.3	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	24.1	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.6	80.0	IS : 5182 P-2

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

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TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
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Test Report No. : SREL/E/29042024003
Sample I.D. : SREL/AA/29042024003
Sample Received : 29/04/2024
Date of Issue : 03/05/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 27/04/2024 to 28/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Trippler

Physical Observation
(a) Ambient temp.(Min/Max) : 22°C/38°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 29/04/2024

Test Completed on : 03/05/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	56.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.8	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.8	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.8	80.0	IS : 5182 P-2

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

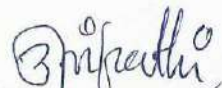
Remark : NA

Opinion/Interpretation

End of Report

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Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director


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/29042024004
Sample I.D. : SREL/AA/29042024004
Sample Received : 29/04/2024
Date of Issue : 03/05/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation	
Details of Sampling		(a) Ambient temp.(Min/Max)	: 22°C/38°C
1. Date of Sampling	: 27/04/2024 to 28/04/2024	(b) Weather Cond.	: Clear
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction	: West to East
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/	: 1.225 m ³ /min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Railway Line Side		

TEST RESULTS

Test Started on : 29/04/2024

Test Completed on : 03/05/2024


S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	50.9	100.0	IS : 5182 P-23
2.	Particulate Matter (PM _{2.5})	µg/m ³	33.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	19.4	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.6	80.0	IS : 5182 P-2

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

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Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director


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/03072024001
Sample I.D. : SREL/AA/03072024001
Sample Received : 03/07/2024
Date of Issue : 06/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling :
1. Date of Sampling : 01/07/2024 to 02/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 1

Physical Observation

(a) Ambient temp.(Min/Max) : 29°C/37°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 03/07/2024

Test Completed on : 06/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	54.0	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	18.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.8	80.0	IS : 5182 (Part-2) 2001

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

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Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



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Authorized Signatory
Ranbir Singh
Technical Director



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/03072024002
Sample I.D. : SREL/AA/03072024002
Sample Received : 03/07/2024
Date of Issue : 06/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation	
Details of Sampling		(a) Ambient temp.(Min/Max)	: 29°C/37°C
1. Date of Sampling	: 01/07/2024 to 02/07/2024	(b) Weather Cond.	: Cloudy
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction	: West to East
3. Equipment Used	: RDS&PM 2.5 Sampler		
4. Sampling Done By	: SREL	(d) Sampling Flow Rate For Gases	: 0.5 LPM
5. Duration of Sampling	: 24 Hrs.	(e) Sampling Flow Rate For RSPM/	: 1.20 m³/min.
6. Sampling Location	: Near Gate No. 2	PM-10 (Ave.)	

TEST RESULTS

Test Started on : 03/07/2024

Test Completed on : 06/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	55.9	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	37.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	19.4	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	8.6	80.0	IS : 5182 (Part-2) 2001

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

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Dr. Ramesh Chandra Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director



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/03072024003
Sample I.D. : SREL/AA/03072024003
Sample Received : 03/07/2024
Date of Issue : 06/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 01/07/2024 to 02/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler,
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Trippler

Physical Observation
(a) Ambient temp.(Min/Max) : 29°C/37°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.225 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 03/07/2024

Test Completed on : 06/07/2024

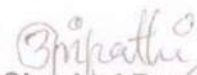
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	57.1	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	38.2	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	17.6	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.5	80.0	IS : 5182 (Part-2) 2001

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

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Ranbir Singh
Technical Director



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/03072024004
Sample I.D. : SREL/AA/03072024004
Sample Received : 03/07/2024
Date of Issue : 06/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 01/07/2024 to 02/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler,
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation
(a) Ambient temp.(Min/Max) : 29°C/37°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.25 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 03/07/2024

Test Completed on : 06/07/2024

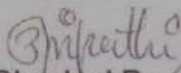
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	50.4	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	32.8	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	17.30	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	6.8	80.0	IS : 5182 (Part-2) 2001

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

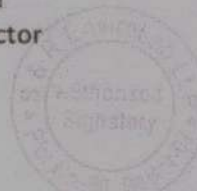
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Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director



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/06072024013
Sample I.D. : SREL/AA/06072024013
Sample Received : 06/07/2024
Date of Issue : 11/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample
Details of Sampling
1. Date of Sampling
2. Sampling Protocol
3. Equipment Used
4. Sampling Done By
5. Duration of Sampling
6. Sampling Location

: Ambient Air Quality Monitoring

: 04/07/2024 to 05/07/2024

: IS:5182(P-14)

: RDS&PM 2.5 Sampler,

: SREL

: 24 Hrs.

: Near gate No. 1

Physical Observation

(a) Ambient temp.(Min/Max) : 26°C/32°C

(b) Weather Cond. : Light showing

(c) Wind Direction : West to East

(d) Sampling Flow Rate For Gases : 0.5 LPM

(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.20 m³/min.

TEST RESULTS

Test Started on : 06/07/2024

Test Completed on : 11/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	48.6	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	32.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	19.10	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	7.6	80.0	IS : 5182 (Part-2) 2001

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

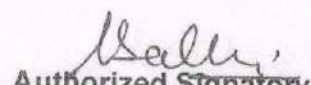
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Ranbir Singh
Technical Director



TEST REPORT

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Issued to: M/S JK Cement Works
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Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/06072024014
Sample I.D. : SREL/AA/06072024014
Sample Received : 06/07/2024
Date of Issue : 11/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation	
Details of Sampling		(a) Ambient temp.(Min/Max)	: 26°C/32°C
1. Date of Sampling	: 04/07/2024 to 05/07/2024	(b) Weather Cond.	: Light showing
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction	: West to East
3. Equipment Used	: RDS&PM 2.5 Sampler	(d) Sampling Flow Rate For Gases	: 0.5 LPM
4. Sampling Done By	: SREL	(e) Sampling Flow Rate For RSPM/	: 1.20m ³ /min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Near gate No. 2		

TEST RESULTS

Test Started on : 06/07/2024

Test Completed on : 11/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	52.9	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	33.8	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.20	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.10	80.0	IS : 5182 (Part-2) 2001

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:-

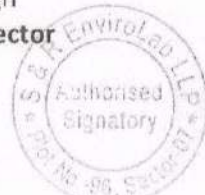
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Dr. Ramesh Chandra Tripathi
Quality Manager



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Ranbir Singh
Technical Director



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/06072024015
Sample I.D. : SREL/AA/06072024015
Sample Received : 06/07/2024
Date of Issue : 11/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation
Details of Sampling		(a) Ambient temp.(Min/Max) : 26°C/32°C
1. Date of Sampling	: 04/07/2024 to 05/07/2024	(b) Weather Cond. : Light showring
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction : West to East
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/ : 1.200 m ³ /min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)
6. Sampling Location	: Near Wagon Tripler	

TEST RESULTS

Test Started on : 06/07/2024

Test Completed on : 11/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	53.9	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	19.5	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.4	80.0	IS : 5182 (Part-2) 2001

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

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Technical Director



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/06072024016
Sample I.D. : SREL/AA/06072024016
Sample Received : 06/07/2024
Date of Issue : 11/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 04/07/2024 to 05/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation

(a) Ambient temp.(Min/Max) : 26°C/32°C
(b) Weather Cond. : Light showing
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.20 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 06/07/2024

Test Completed on : 11/07/2024

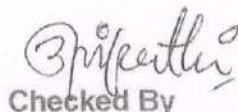
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	45.2	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	28.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	16.8	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	6.5	80.0	IS : 5182 (Part-2) 2001

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

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Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director

TEST REPORT

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

Test Report No. : SREL/E/10072024006
Sample I.D. : SREL/AA/10072024006
Sample Received : 10/07/2024
Date of Issue : 15/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation
Details of Sampling		(a) Ambient temp.(Min/Max) : 28°C/34°C
1. Date of Sampling	: 08/07/2024 to 09/07/2024	(b) Weather Cond. : Cloudy
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction : East to West
3. Equipment Used	: RDS&PM 2.5 Sampler	
4. Sampling Done By	: SREL	(d) Sampling Flow Rate For Gases : 0.5 LPM
5. Duration of Sampling	: 24 Hrs.	(e) Sampling Flow Rate For RSPM/ : 1.20 m³/min.
6. Sampling Location	: Near gate No.- 1	PM-10 (Ave.)

TEST RESULTS

Test Started on : 10/07/2024

Test Completed on : 15/07/2024

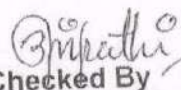
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	50.6	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	34.1	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	19.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	7.6	80.0	IS : 5182 (Part-2) 2001

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

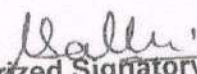
End of Report

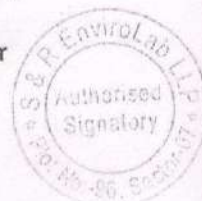
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Quality Manager




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Ranbir Singh
Technical Director



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/10072024007
Sample I.D. : SREL/AA/10072024007
Sample Received : 10/07/2024
Date of Issue : 15/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling : 08/07/2024 to 09/07/2024
1. Date of Sampling : IS:5182(P-14)
2. Sampling Protocol : RDS&PM 2.5 Sampler
3. Equipment Used : SREL
4. Sampling Done By : 24 Hrs.
5. Duration of Sampling : Near gate No.- 2
6. Sampling Location

Physical Observation
(a) Ambient temp.(Min/Max) : 28°C/34°C
(b) Weather Cond. : Claudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.20 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 10/07/2024

Test Completed on : 15/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	51.4	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	32.8	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	18.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.3	80.0	IS : 5182 (Part-2) 2001

Remark : NAAQS- National Ambient Air Quality Standard Schedule -VII [Rule 3 (3B)], [Part -II-sec-3(ii)] 18.11.2009

Opinion/Interpretation

End of Report

Note:-

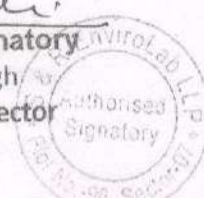
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Ranbir Singh
Technical Director



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/10072024008
Sample I.D. : SREL/AA/10072024008
Sample Received : 10/07/2024
Date of Issue : 15/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation	
Details of Sampling		(a) Ambient temp.(Min/Max)	: 28°C/34°C
1. Date of Sampling	: 08/07/2024 to 09/07/2024	(b) Weather Cond.	: Cloudy
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	: 0.5 LPM
4. Sampling Done By	: SREL	(e) Sampling Flow Rate For RSPM/	: 1.175 m³/min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Near Wagon Trippler		

TEST RESULTS

Test Started on : 10/07/2024

Test Completed on : 15/07/2024

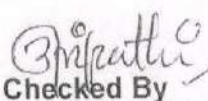
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	52.9	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	33.6	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	19.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	7.3	80.0	IS : 5182 (Part-2) 2001

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

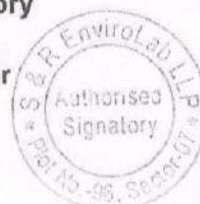
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Quality Manager




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Ranbir Singh
Technical Director



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/10072024009
Sample I.D. : SREL/AA/10072024009
Sample Received : 10/07/2024
Date of Issue : 15/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 08/07/2024 to 09/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation

(a) Ambient temp.(Min/Max) : 28°C/34°C
(b) Weather Cond. : Claudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.250 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 10/07/2024

Test Completed on : 15/07/2024

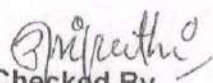
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	47.0	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	30.1	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	17.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	6.8	80.0	IS : 5182 (Part-2) 2001

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

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Ranbir Singh
Technical Director



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/13072024002
Sample I.D. : SREL/AA/13072024002
Sample Received : 13/07/2024
Date of Issue : 17/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation
Details of Sampling		(a) Ambient temp.(Min/Max) : 28°C/36°C
1. Date of Sampling	: 11/07/2024 to 12/07/2024	(b) Weather Cond. : Cloudy
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction : West to East
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/ : 1.20m³/min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)
6. Sampling Location	: Near Gate No.1	

TEST RESULTS

Test Started on : 13/07/2024

Test Completed on : 17/07/2024

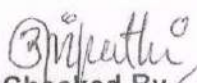
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	56.4	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	35.9	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	20.4	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	8.3	80.0	IS : 5182 (Part-2) 2001

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

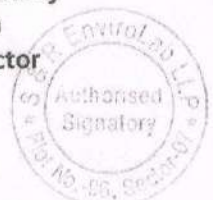
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Ranbir Singh
Technical Director



TEST REPORT

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

Test Report No. : SREL/E/13072024003
Sample I.D. : SREL/AA/13072024003
Sample Received : 13/07/2024
Date of Issue : 17/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation
Details of Sampling		(a) Ambient temp.(Min/Max) : 28°C/36°C
1. Date of Sampling	: 11/07/2024 to 12/07/2024	(b) Weather Cond. : Claudy
2. Sampling Protocol	: IS:5182(P-14)	(c) Wind Direction : West to East
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/ :1.175 m ³ /min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)
6. Sampling Location	: Near Gate No.2	

TEST RESULTS

Test Started on : 13/07/2024

Test Completed on : 17/07/2024

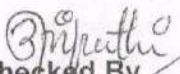
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	57.1	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	38.2	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	21.8	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.6	80.0	IS : 5182 (Part-2) 2001

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

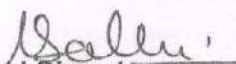
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Quality Manager




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Ranbir Singh
Technical Director



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/13072024004
Sample I.D. : SREL/AA/13072024004
Sample Received : 13/07/2024
Date of Issue : 17/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample
Details of Sampling
1. Date of Sampling
2. Sampling Protocol
3. Equipment Used
4. Sampling Done By
5. Duration of Sampling
6. Sampling Location

: Ambient Air Quality Monitoring

: 11/07/2024 to 12/07/2024
: IS:5182(P-14)
: RDS&PM 2.5 Sampler
: SREL
: 24 Hrs.
: Near Wagon Trippler

Physical Observation

(a) Ambient temp.(Min/Max) : 28°C/36°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.20 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 13/07/2024

Test Completed on : 17/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	55.4	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	30.9	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	18.6	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.5	80.0	IS : 5182 (Part-2) 2001

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:-

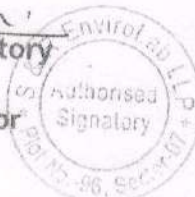
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Ranbir Singh
Technical Director



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/13072024005
Sample I.D. : SREL/AA/13072024005
Sample Received : 13/07/2024
Date of Issue : 17/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 11/07/2024 to 12/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation
(a) Ambient temp.(Min/Max) : 28°C/36°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.250m³/min.

TEST RESULTS

Test Started on : 13/07/2024

Test Completed on : 17/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	52.8	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	33.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	16.9	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	6.8	80.0	IS : 5182 (Part-2) 2001

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:-

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Checked By

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Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director



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/18072024001
Sample I.D. : SREL/AA/18072024001
Sample Received : 18/07/2024
Date of Issue : 22/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 16/07/2024 to 17/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 1

Physical Observation
(a) Ambient temp.(Min/Max) : 29°C/37°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.175m³/min.

TEST RESULTS

Test Started on : 18/07/2024

Test Completed on : 22/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	57.1	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	38.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	22.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.3	80.0	IS : 5182 (Part-2) 2001

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

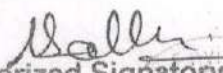
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Ranbir Singh
Technical Director



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/18072024002
Sample I.D. : SREL/AA/18072024002
Sample Received : 18/07/2024
Date of Issue : 22/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 16/07/2024 to 17/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 2

Physical Observation
(a) Ambient temp.(Min/Max) : 29°C/37°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.175 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 18/07/2024

Test Completed on : 22/07/2024

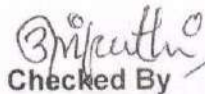
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	54.9	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.8	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.6	80.0	IS : 5182 (Part-2) 2001

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:-

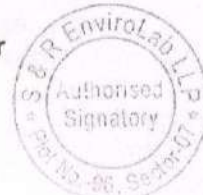
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Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director



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/18072024003
Sample I.D. : SREL/AA/18072024003
Sample Received : 18/07/2024
Date of Issue : 22/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Ambient Air Quality Monitoring	Physical Observation	
Details of Sampling		(a) Ambient temp.(Min/Max)	: 29°C/37°C
1. Date of Sampling	: 16/07/2024 to 17/07/2024	(b) Weather Cond.	: Cloudy
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	: 0.5 LPM
4. Sampling Done By	: SREL	(e) Sampling Flow Rate For RSPM/	: 1.20m³/min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Near Wagon Trippler		

TEST RESULTS

Test Started on : 18/07/2024

Test Completed on : 22/07/2024

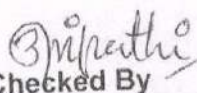
S. No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	54.1	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	37.2	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	19.4	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	7.5	80.0	IS : 5182 (Part-2) 2001

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

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Ranbir Singh
Technical Director



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/18072024004
Sample I.D. : SREL/AA/18072024004
Sample Received : 18/07/2024
Date of Issue : 22/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 16/07/2024 to 17/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Railway Line Side

Physical Observation
(a) Ambient temp.(Min/Max) : 29°C/37°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.20 m³/min.

TEST RESULTS

Test Started on : 18/07/2024

Test Completed on : 22/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	52.8	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	32.1	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	18.4	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.2	80.0	IS : 5182 (Part-2) 2001

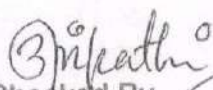
Remark : NAAQS- National Ambient Air Quality Standard Schedule -VII [Rule 3 (3B)], [Part -II-sec-3(i)] 18.11.2009

Opinion/Interpretation

End of Report

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Ranbir Singh
Technical Director

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/22072024002
Sample I.D. : SREL/AA/22072024002
Sample Received : 22/07/2024
Date of Issue : 26/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling :
1. Date of Sampling : 19/07/2024 to 20/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 1

Physical Observation
(a) Ambient temp.(Min/Max) : 28°C/35°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 22/07/2024

Test Completed on : 26/07/2024

S. No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	53.2	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	36.2	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	21.5	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.8	80.0	IS : 5182 (Part-2) 2001

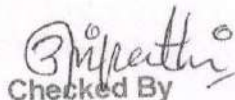
Remark : NAAQS- National Ambient Air Quality Standard Schedule -VII [Rule 3 (3B)], [Part -II-sec-3(i)] 18.11.2009

Opinion/Interpretation

End of Report

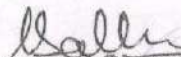
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Technical Director



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

Test Report No : SREL/E/22072024003
Sample I.D. : SREL/AA/22072024003
Sample Received : 22/07/2024
Date of Issue : 26/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 19/07/2024 to 20/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 2

Physical Observation
(a) Ambient temp.(Min/Max) : 28°C/35°C
(b) Weather Cond. : Claudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.175 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 22/07/2024

Test Completed on : 26/07/2024

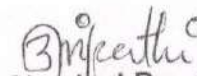
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	53.6	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.2	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	19.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.7	80.0	IS : 5182 (Part-2) 2001

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

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TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
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Test Report No : SREL/E/22072024004
Sample I.D. : SREL/AA/22072024004
Sample Received : 22/07/2024
Date of Issue : 26/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring

Details of Sampling

1. Date of Sampling : 19/07/2024 to 20/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Trippler

Physical Observation

- (a) Ambient temp.(Min/Max) : 28°C/35°C
- (b) Weather Cond. : Cloudy
- (c) Wind Direction : East to West
- (d) Sampling Flow Rate For Gases : 0.5 LPM
- (e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 22/07/2024

Test Completed on : 26/07/2024

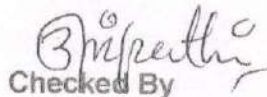
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	53.6	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	31.8	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	18.4	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.2	80.0	IS : 5182 (Part-2) 2001

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:-

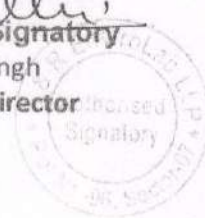
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Quality Manager




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Ranbir Singh
Technical Director



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/22072024005
Sample I.D. : SREL/AA/22072024005
Sample Received : 22/07/2024
Date of Issue : 26/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 19/07/2024 to 20/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation
(a) Ambient temp.(Min/Max) : 28°C/35°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5 LPM
(e) Sampling Flow Rate For RSPM/ : 1.250 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 22/07/2024

Test Completed on : 26/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	51.4	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	31.9	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	16.8	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	6.8	80.0	IS : 5182 (Part-2) 2001

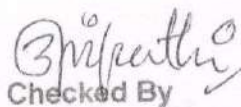
Remark : NAAQS- National Ambient Air Quality Standard Schedule -VII [Rule 3 (3B)], [Part-II-sec-3(i)] 18.11.2009

Opinion/Interpretation

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Quality Manager


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Ranbir Singh
Technical Director

TEST REPORT

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

Test Report No. : SREL/E/25072024018
Sample I.D. : SREL/AA/25072024018
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample
Details of Sampling
1. Date of Sampling
2. Sampling Protocol
3. Equipment Used
4. Sampling Done By
5. Duration of Sampling
6. Sampling Location

: Ambient Air Quality Monitoring
: 23/07/2024 to 24/07/2024
: IS:5182(P-14)
: RDS&PM 2.5 Sampler
: SREL
: 24 Hrs.
: Near Gate No. 1

Physical Observation
(a) Ambient temp.(Min/Max) : 29°C/35°C
(b) Weather Cond. : Light Rain
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.175m³/min.

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

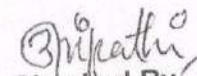
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	55.4	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.8	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.6	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	8.3	80.0	IS : 5182 (Part-2) 2001

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

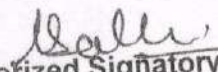
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Quality Manager




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Ranbir Singh
Technical Director





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/25072024019
Sample I.D. : SREL/AA/25072024019
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 23/07/2024 to 24/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No. 2

Physical Observation

(a) Ambient temp.(Min/Max) : 29°C/35°C
(b) Weather Cond. : Light Rain
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	50.4	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	33.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	18.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.4	80.0	IS : 5182 (Part-2) 2001

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:-

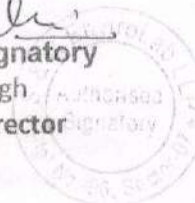
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Quality Manager



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Ranbir Singh
Technical Director



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/25072024020
Sample I.D. : SREL/AA/25072024020
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 23/07/2024 to 24/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Trippler

Physical Observation

(a) Ambient temp.(Min/Max) : 29°C/35°C
(b) Weather Cond. : Light Rain
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.175m³/min
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

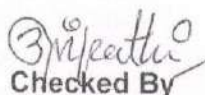
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	51.8	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	32.2	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	17.4	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	7.1	80.0	IS : 5182 (Part-2) 2001

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

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Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director



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/25072024021
Sample I.D. : SREL/AA/25072024021
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling :
1. Date of Sampling : 23/07/2024 to 24/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Railway Line Side

Physical Observation

(a) Ambient temp.(Min/Max) : 28°C/33°C
(b) Weather Cond. : Light Rain
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gas : 0.5LPM
(e) Sampling Flow Rate For RSP : 1.250m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

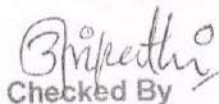
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	49.1	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	31.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	17.5	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	6.8	80.0	IS : 5182 (Part-2) 2001

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

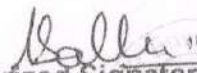
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Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director

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/29072024021
Sample I.D. : SREL/AA/29072024021
Sample Received : 29/07/2024
Date of Issue : 02/08/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample
Details of Sampling
1. Date of Sampling
2. Sampling Protocol
3. Equipment Used
4. Sampling Done By
5. Duration of Sampling
6. Sampling Location

: Ambient Air Quality Monitoring
: 26/07/2024 to 27/07/2024
: IS:5182(P-14)
: RDS&PM 2.5 Sampler
: SREL
: 24 Hrs.
: Near Gate No. 1

Physical Observation

(a) Ambient temp.(Min/Max) : 28°C/33°C
(b) Weather Cond. : Rain
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 29/07/2024

Test Completed on : 02/08/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	46.2	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	31.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	20.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	6.8	80.0	IS : 5182 (Part-2) 2001

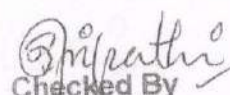
Remark : NAAQS- National Ambient Air Quality Standard Schedule -VII [Rule 3 (3B)], [Part -II-sec-3(i)] 18.11.2009

Opinion/Interpretation

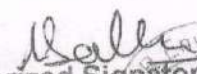
End of Report

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Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director

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/29072024022
Sample I.D. : SREL/AA/29072024022
Sample Received : 29/07/2024
Date of Issue : 02/08/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 26/07/2024 to 27/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Gate No.2

Physical Observation
(a) Ambient temp.(Min/Max) : 28°C/33°C
(b) Weather Cond. : Rain
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 29/07/2024

Test Completed on : 02/08/2024

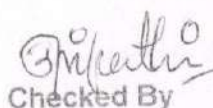
S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	45.6	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	30.5	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	19.4	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	7.4	80.0	IS : 5182 (Part-2) 2001

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:-

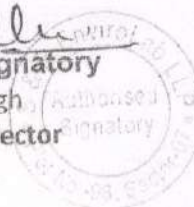
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Quality Manager




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Ranbir Singh
Technical Director



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/29072024023
 Sample I.D. : SREL/AA/29072024023
 Sample Received : 29/07/2024
 Date of Issue : 02/08/2024
 Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
 Details of Sampling
 1. Date of Sampling : 26/07/2024 to 27/07/2024
 2. Sampling Protocol : IS:5182(P-14)
 3. Equipment Used : RDS&PM 2.5 Sampler
 4. Sampling Done By : SREL
 5. Duration of Sampling : 24 Hrs.
 6. Sampling Location : Near Wagon Trippler

Physical Observation
 (a) Ambient temp.(Min/Max) : 28°C/33°C
 (b) Weather Cond. : Rain
 (c) Wind Direction : East to West
 (d) Sampling Flow Rate For Gases : 0.5LPM
 (e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.225m³/min.

TEST RESULTS

Test Started on : 29/07/2024

Test Completed on : 02/08/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m³	50.4	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m³	33.7	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m³	18.2	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m³	6.6	80.0	IS : 5182 (Part-2) 2001

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

Remark : NA

Opinion/Interpretation

End of Report

Note:-

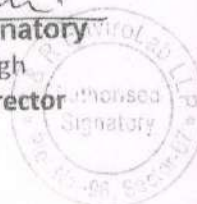
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Ramesh Chandra Tripathi
 Checked By

Dr. Ramesh Chandra Tripathi
 Quality Manager



Ranbir Singh
 Authorized Signatory
 Ranbir Singh
 Technical Director



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/29072024024
Sample I.D. : SREL/AA/29072024024
Sample Received : 29/07/2024
Date of Issue : 02/08/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring
Details of Sampling
1. Date of Sampling : 26/07/2024 to 27/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : RDS&PM 2.5 Sampler
4. Sampling Done By : SREL
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Railway Line Side

Physical Observation
(a) Ambient temp.(Min/Max) : 28°C/33°C
(b) Weather Cond. : Rain
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : 0.5LPM
(e) Sampling Flow Rate For RSPM/ : 1.225 m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 29/07/2024

Test Completed on : 02/08/2024

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	44.3	100.0	IS : 5182 (Part-23) 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	29.4	60.0	IS : 5182 (Part-24) 2019
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	18.20	80.0	IS : 5182 (Part-6) 2006
4.	Sulphur Dioxide (SO ₂)	µg/m ³	6.2	80.0	IS : 5182 (Part-2) 2001

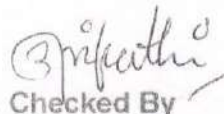
Remark : NAAQS- National Ambient Air Quality Standard Schedule -VII [Rule 3 (3B)], [Part -II-sec-3(i)] 18.11.2009

Opinion/Interpretation

End of Report

Note:-

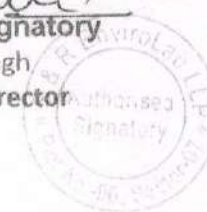
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Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director



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/18042024022
Sample I.D. : SREL/AA/18042024036
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Fugitive Emission Monitoring
Details of Sampling
1. Date of Sampling : 16/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : HVS
4. Sampling Done By : SREL
5. Duration of Sampling : 8 Hrs.
6. Sampling Location : Packing Plant

Physical Observation
(a) Ambient temp.(Min/Max) : 24°C/36°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : NA
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.25m³/min.

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m ³	762.0	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

Opinion/Interpretation

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Ranbir Singh
Technical Director



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/18042024023
Sample I.D. : SREL/AA/18042024037
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Fugitive Emission Monitoring
Details of Sampling
1. Date of Sampling : 16/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : HVS
4. Sampling Done By : SREL
5. Duration of Sampling : 8 Hrs.
6. Sampling Location : Fly Ash Site

Physical Observation

(a) Ambient temp.(Min/Max) : 24°C/36°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : NA
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.25m³/min.

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m ³	516	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

Opinion/Interpretation

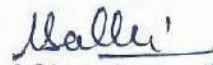
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Dr. Ramesh Chandra Tripathi
Quality manager



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Ranbir Singh

Technical Director



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/18042024025
Sample I.D. : SREL/AA/18042024039
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Fugitive Emission Monitoring
Details of Sampling
1. Date of Sampling : 17/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : HVS
4. Sampling Done By : SREL
5. Duration of Sampling : 8 Hrs.
6. Sampling Location : Cement Mill

Physical Observation
(a) Ambient temp.(Min/Max) : 24°C/36°C
(b) Weather Cond. : Hazy
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : NA
(e) Sampling Flow Rate For RSPM/ : 1.200m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m ³	627.0	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

Opinion/Interpretation

Note:-

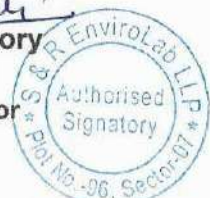
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Quality Manager




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Ranbir Singh
Technical Director



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/18042024024
Sample I.D. : SREL/AA/18042024038
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Fugitive Emission Monitoring
Details of Sampling
1. Date of Sampling : 17/04/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : HVS
4. Sampling Done By : SREL
5. Duration of Sampling : 8 Hrs.
6. Sampling Location : Unloading Area

Physical Observation

(a) Ambient temp.(Min/Max) : 24°C/36°C
(b) Weather Cond. : Clear
(c) Wind Direction : West to East
(d) Sampling Flow Rate For Gases : NA
(e) Sampling Flow Rate For RSPM/ : 1.225m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m³	571	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

Opinion/Interpretation

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Quality manager




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Ranbir Singh
Technical Director



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/25072024035
Sample I.D. : SREL/AA/25072024035
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Fugitive Emission Monitoring
Details of Sampling
1. Date of Sampling : 23/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : HVS
4. Sampling Done By : SREL
5. Duration of Sampling : 8 Hrs.
6. Sampling Location : Packing Plant

Physical Observation

(a) Ambient temp.(Min/Max) : 29°C/35°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : NA
(e) Sampling Flow Rate For RSPM/ : 1.20m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m ³	624.0	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

Opinion/Interpretation

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Dr. Ramesh Chandra Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director





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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/25072024036
Sample I.D. : SREL/AA/25072024036
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Fugitive Emission Monitoring
Details of Sampling
1. Date of Sampling : 23/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : HVS
4. Sampling Done By : SREL
5. Duration of Sampling : 8 Hrs.
6. Sampling Location : Fly Ash Site

Physical Observation

(a) Ambient temp.(Min/Max) : 29°C/35°C
(b) Weather Cond. : Claudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : NA
(e) Sampling Flow Rate For RSPM/ : 1.175m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m ³	481.0	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

Opinion/Interpretation

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Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director





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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/25072024037
Sample I.D. : SREL/AA/25072024037
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Fugitive Emission Monitoring
Details of Sampling
1. Date of Sampling : 23/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : HVS
4. Sampling Done By : SREL
5. Duration of Sampling : 8 Hrs.
6. Sampling Location : Unloading Area

Physical Observation

(a) Ambient temp.(Min/Max) : 29°C/35°C
(b) Weather Cond. : Claudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : NA
(e) Sampling Flow Rate For RSPM/ : 1.225m³/min.
PM-10 (Ave.)

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m ³	512	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

Opinion/Interpretation

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Checked By

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Quality manager



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Ranbir Singh
Technical Director





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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/25072024038
Sample I.D. : SREL/AA/25072024038
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Fugitive Emission Monitoring
Details of Sampling
1. Date of Sampling : 23/07/2024
2. Sampling Protocol : IS:5182(P-14)
3. Equipment Used : HVS
4. Sampling Done By : SREL
5. Duration of Sampling : 8 Hrs.
6. Sampling Location : Cement Mill

Physical Observation
(a) Ambient temp.(Min/Max) : 29°C/35°C
(b) Weather Cond. : Cloudy
(c) Wind Direction : East to West
(d) Sampling Flow Rate For Gases : NA
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.20m³/min.

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m ³	561.0	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

Opinion/Interpretation

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Dr. Ramesh Chandra Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director



TEST REPORT

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Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
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Test Report No. : SREL/E/18042024021
Sample I.D. : SREL/SE/18042024035
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample	: Stack Emission Monitoring	6. Attached APCS	: Bag house
1. Stack Attached To	: Ball Mill Bag House or Separator Bag House	7. Stack Height above Ground level	: 43 Meter
2. Capacity	: --	8. Stack Height above Roof Top	: NA
3. Type of Fuel Used	: --	9. Diameter of Stack	: 2000mm
4. Type of Chimney	: Metal		
5. Purpose of Monitoring	: As per CAQM Requirement		

Details of Sampling

10. Date of Sampling	: 17.04.2024
11. Sampling Protocol	: IS : 11255 P-1
12. Equipment Used	: Stack Kit (VSS-1)
13. Sampling Done By	: SREL
14. Duration of Sampling	: 60 minutes
15. Sampling Location	: From Port Hole
16. Opacity Meter Reading	: 3.20
During Monitoring (mg/Nm3)	

Physical Observation

(a) Ambient temperature (°C)	: 32
(b) Stack Temperature (°C)	: 86
(c) Velocity (m/sec.)	: 6.45
(d) Sampling Flow Rate For Gases	: 2.3LPM
(e) Sampling Flow Rate For PM	: 22.0LPM
(f) Quantity of Emission (m³ / Hr.)	: 72910.80

TEST RESULTS

Test Started on: 18/04/2024

Test Completed on : 22/04/2024

Sr. No.	Parameters	Units	Results	Test Method
1.	Particulate Matter (PM)	mg/Nm3	3.17	IS : 11255 P-1

Remark : NA

Opinion/Interpretation

End of Report

Note:-

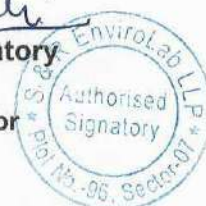
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Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



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Ranbir Singh
Technical Director





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Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
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Test Report No. : SREL/E/25072024034
Sample I.D. : SREL/SE/25072024034
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Stack Emission Monitoring
1. Stack Attached To : Ball Mill Bag House or Separator Bag House
2. Capacity : --
3. Type of Fuel Used : --
4. Type of Chimney : Metal
5. Purpose of Monitoring : As per CAQM Requirement

6. Attached APCS : Bag house
7. Stack Height above Ground level : 43 Meter
8. Stack Height above Roof Top : NA
9. Diameter of Stack : 2000mm

Details of Sampling

10. Date of Sampling : 24.07.2024
11. Sampling Protocol : IS : 11255 P-1
12. Equipment Used : Stack Kit (VSS-1)
13. Sampling Done By : SREL
14. Duration of Sampling : 60 minutes
15. Sampling Location : From Port Hole
16. Opacity Meter Reading : 2.20
During Monitoring (mg/Nm³)

Physical Observation

(a) Ambient temperature (°C) : 30
(b) Stack Temperature (°C) : 81
(c) Velocity (m/sec.) : 7.49
(d) Sampling Flow Rate For Gases : 2.7LPM
(e) Sampling Flow Rate For PM : 26.0LPM
(f) Quantity of Emission (m³ / Hr.) : 84666.96

TEST RESULTS

Test Started on: 25/07/2024

Test Completed on : 29/07/2024

Sr. No.	Parameters	Units	Results	Test Method
1.	Particulate Matter (PM)	mg/Nm ³	1.96	IS : 11255 P-1

Remark : NA

Opinion/Interpretation

End of Report

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Quality Manager



Authorized Signatory
Ranbir Singh
Technical Director





CSR Report

April-2024 to September-24



Projects Details

SL No	Focus area	Name of the project	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	Ongoing	This will resolve the drinking water problems of the villagers/stakeholders. Pure & Hygienic drinking water provided to the locals which will directly impact on the social developments and enhancing the health condition of the locals.	Direct (through Panchayat)
2	Health	Sanitation Work Mohanbari	Ongoing	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	Direct (Through Contractor)
3	Environment	Gardening Work Mohanbari	Ongoing	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.	Direct (through Panchayat)

Photographs of the activities for April 2024



Photographs of the activities for May 2024





Photographs of the activities for July- 2024



Photographs of the activities for Aug- 2024



Photographs of the activities for Aug- 2024





Photographs of the activities for Sept. 2024





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Page : 1 of 1

Issued to: M/S JK Cement Works
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Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/18042024016
Sample I.D. : SREL/WW/18042024030
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

(1) SAMPLE PARTICULARS

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

(2) Details of sampling

- (a) Date of sampling : 16/04/2024
(b) Time of sampling : 14:40 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 : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameters	Units	Results	Test Method
1	pH at 25°C	--	6.90	APHA 4500H+-B, 23rd Ed 2017
2	Total Suspended Solid	mg/l	162	APHA 2540-D, 23rd Ed 2017
3	Biochemical Oxygen Demand for 3 days at 27°C	mg/l	134	IS : 3025 P-44 1993
4	Chemical Oxygen Demand	mg/l	390	APHA 5220-B, 23rd Ed 2017
5	Oil & Grease	mg/l	14.6	APHA 5520-B, 23rd Ed 2017
6	Total Nitrogen(TKN)	mg/l	21.5	APHA 23rd Edi 4500 -N-B 2017
7	Phosphate (asp)	mg/l	1.8	APHA 23rd Edi 4500 -D 2017

Remark : NA
Opinion/Interpretation

End of Report

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Dr. Ramesh Chandra Tripathi

Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory

Anjali Gupta
Technical Manager



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Test Report No. : SREL/E/18042024016
Sample I.D. : SREL/WW/18042024030
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

(1) SAMPLE PARTICULARS

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

(2) Details of sampling

- (a) Date of sampling : 16/04/2024
- (b) Time of sampling : 14:40 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 : 18/04/2024

Test Completed on : 22/04/2024

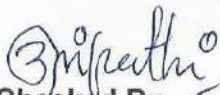
S.No.	Parameters	Units	Results	Test Method
1	Faecal coliform	MPN/100ml	>1600	IS 1622 1981

Remark : NA
Opinion/Interpretation


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Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Shivam
Microbiologist



TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
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Test Report No. : SREL/E/18042024017
Sample I.D. : SREL/WW/18042024031
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

(1) SAMPLE PARTICULARS

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

(2) Details of sampling

- (a) Date of sampling : 16/04/2024
- (b) Time of sampling : 14:50 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 : 18/04/2024

Test Completed on: 22/04/2024

S.No.	Parameters	Units	Results	Specification/ Requirement (As per CPCB)	Test Method
1	pH at 25°C	--	7.62	5.5-9.0	APHA 4500H+-B, 23 rd Ed 2017
2	Total Suspended Solid	mg/l	17.2	20	APHA 2540-D, 23 rd Ed 2017
3	Biochemical Oxygen Demand for 3 days at 27°C	mg/l	8.0	10	IS : 3025 P-44 1993
4	Chemical Oxygen Demand	mg/l	30.0	50	APHA 5220-B, 23 rd Ed 2017
5	Oil & Grease	mg/l	BDL(DL-3.0)	--	APHA 5520-B, 23 rd Ed 2017
6	Total Nitrogen(TKN)	mg/l	2.8	10.0	APHA 23 rd Edi 4500 -N-B 2017
7	Phosphate (as P)	mg/l	0.42	1.0	APHA 23 rd Edi 4500 -D 2017

*BDL= Below detection limit, DL= Detection limit

Remark : NA

Opinion/Interpretation

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Dr. Ramesh Chandra Tripathi

Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory

Anjali Gupta
Technical Manager





TEST REPORT

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Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
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Test Report No. : SREL/E/18042024017
Sample I.D. : SREL/WW/18042024031
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

(1) SAMPLE PARTICULARS

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

(2) Details of sampling

- (a) Date of sampling : 16/04/2024
(b) Time of sampling : 14:50 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 : 18/04/2024

Test Completed on 22/04/2024

S.No.	Parameters	Units	Results	Specification /Requirment (As per CPCB)	Test Method
1	Faecal coliform	MPN/100ML	60	100	IS 1622:1981

Remark : NA
Opinion/Interpretation

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Authorized Signatory

Shivam
Microbiologist





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TEST REPORT

Page : 1 of 1

Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
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Test Report No. : SREL/E/25072024034
Sample I.D. : SREL/SE/25072024034
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Stack Emission Monitoring
1. Stack Attached To : Ball Mill Bag House or Separator Bag House
2. Capacity : --
3. Type of Fuel Used : --
4. Type of Chimney : Metal
5. Purpose of Monitoring : As per CAQM Requirement

6. Attached APCS : Bag house
7. Stack Height above Ground level : 43 Meter
8. Stack Height above Roof Top : NA
9. Diameter of Stack : 2000mm

Details of Sampling

10. Date of Sampling : 24.07.2024
11. Sampling Protocol : IS : 11255 P-1
12. Equipment Used : Stack Kit (VSS-1)
13. Sampling Done By : SREL
14. Duration of Sampling : 60 minutes
15. Sampling Location : From Port Hole
16. Opacity Meter Reading : 2.20
During Monitoring (mg/Nm3)

Physical Observation

(a) Ambient temperature (°C) : 30
(b) Stack Temperature (°C) : 81
(c) Velocity (m/sec.) : 7.49
(d) Sampling Flow Rate For Gases : 2.7LPM
(e) Sampling Flow Rate For PM : 26.0LPM
(f) Quantity of Emission (m³ / Hr.) : 84666.96

TEST RESULTS

Test Started on: 25/07/2024

Test Completed on : 29/07/2024

Sr. No.	Parameters	Units	Results	Test Method
1.	Particulate Matter (PM)	mg/Nm3	1.96	IS : 11255 P-1

Remark : NA

Opinion/Interpretation

End of Report

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Issued to: M/S JK Cement Works
Mohan Bari Road Jharli-124106
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Test Report No. : SREL/E/06042024006
Sample I.D. : SREL/AN/06042024011
Sample Received : 06/04/2024
Date of Issue : 10/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing

Details of Sampling

1. Date & Time of Sampling : 04.04.2024 AT 06:00 AM To 05.04.2024 06:00 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

TEST RESULTS

Test Started on : 06/04/2024

Test Completed on : 10/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	72.5	69.7	IS : 9989
2.	Lmin	dB(A)	54.1	52.8	
3.	Leq	dB(A)	68.3	65.4	
4.	CPCB Limits in dB(A*)Leq (Industrial Area)	dB(A)	75.0	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

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Checked By

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Quality Manager



Ranbir Singh
Authorized Signatory
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TEST REPORT

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

Test Report No. : SREL/E/06042024007
Sample I.D. : SREL/AN/06042024012
Sample Received : 06/04/2024
Date of Issue : 10/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing

Details of Sampling

1. Date & Time of Sampling : 04.04.2024 AT 06:00 AM To 05.04.2024 06:00 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 : 06/04/2024

Test Completed on : 10/04/2024

S.No	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	73.1	68.9	IS : 9989
2.	Lmin	dB(A)	52.8	52.2	
3.	Leq	dB(A)	67.5	64.2	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Technical Director



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/06042024008
Sample I.D. : SREL/AN/06042024013
Sample Received : 06/04/2024
Date of Issue : 10/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 04.04.2024 AT 06:00 AM To 05.04.2024 06:00 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 Trippler

TEST RESULTS

Test Started on : 06/04/2024

Test Completed on : 10/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	74.1	69.2	IS : 9989
2.	Lmin	dB(A)	55.2	54.2	
3.	Leq	dB(A)	68.3	65.2	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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:-

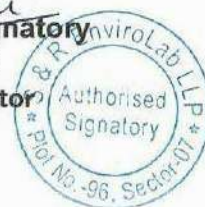
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Quality Manager




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Ranbir Singh
Technical Director



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/06042024009
Sample I.D. : SREL/AN/06042024014
Sample Received : 06/04/2024
Date of Issue : 10/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing

Details of Sampling

1. Date & Time of Sampling : 04.04.2024 AT 06:00 AM To 05.04.2024 06:00 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 Railway Line side

TEST RESULTS

Test Started on : 06/04/2024

Test Completed on : 10/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	67.3	64.3	IS: 9989
2.	Lmin	dB(A)	50.4	48.2	
3.	Leq	dB(A)	60.2	57.4	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	70.0	

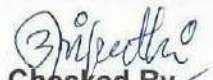
Day Time shall mean from 6:00AM TO 10:00PM
Night Time shall mean from 10:00PM TO 06:00AM

Remark : NA
Opinion/Interpretation

End of Report

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Ranbir Singh
Technical Director


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/18042024009
Sample I.D. : SREL/AN/18042024023
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 16.04.2024 AT 06:00 AM To 17.04.2024 06:00 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

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameter	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dBA	71.8	69.2	IS : 9989
2.	Lmin	dBA	55.3	53.8	
3.	Leq	dB(A)	68.6	64.5	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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Quality Manager




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Ranbir Singh
Technical Director



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/18042024010
Sample I.D. : SREL/AN/18042024024
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample
Details of Sampling

: Ambient Noise Level Testing

1. Date & Time of Sampling : 16.04.2024 AT 06:00 AM To 17.04.2024 06:00 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 : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	72.6	68.6	IS : 9989
2.	Lmin	dB(A)	53.2	51.3	
3.	Leq	dB(A)	67.5	63.8	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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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/18042024011
Sample I.D. : SREL/AN/18042024025
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 16.04.2024 AT 06:00 AM To 17.04.2024 06:00 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 Trippler

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dBA	73.2	68.5	IS : 9989
2.	Lmin	dBA	56.1	54.2	
3.	Leq	dBA	67.5	64.7	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dBA	75.0	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

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Ranbir Singh
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TEST REPORT

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

Test Report No : SREL/E/18042024012
Sample I.D. : SREL/AN/18042024026
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 16.04.2024 AT 06:00 AM To 17.04.2024 06:00 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 Railway Line side

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	66.2	64.8	IS : 9989
2.	Lmin	dB(A)	50.9	49.7	
3.	Leq	dB(A)	60.7	56.4	
4.	CPCB Limits in dB(A ³)Leq (Industrial Area)	dB(A)	75.0	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

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Quality manager



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Ranbir Singh
Technical Director



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/06072024017
Sample I.D. : SREL/AN/06072024017
Sample Received : 06/07/2024
Date of Issue : 10/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 04.07.2024 AT 06:00 AM To 05.07.2024 06:00 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

TEST RESULTS

Test Started on : 06/07/2024

Test Completed on : 10/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	73.4	69.2	IS : 9989:1981
2.	Lmin	dB(A)	50.8	48.6	
3.	Leq	dB(A)	65.9	61.4	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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Technical Director



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/06072024018
Sample I.D. : SREL/AN/06072024018
Sample Received : 06/07/2024
Date of Issue : 10/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 04.07.2024 AT 06:00 AM To 05.07.2024 06:00 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 : 06/07/2024

Test Completed on : 10/07/2024

S.No	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	73.8	69.6	IS : 9989:1981
2.	Lmin	dB(A)	51.6	50.7	
3.	Leq	dB(A)	68.3	64.2	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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Quality Manager



Authorized Signatory

Ranbir Singh
Technical Director



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/06072024019
Sample I.D. : SREL/AN/06072024019
Sample Received : 06/07/2024
Date of Issue : 10/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing

Details of Sampling

1. Date & Time of Sampling : 04.07.2024 AT 06:00 AM To 05.07.2024 06:00 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 Tripler

TEST RESULTS

Test Started on : 06/07/2024

Test Completed on : 10/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	72.3	68.3	IS : 9989:1981
2.	Lmin	dB(A)	50.9	50.4	
3.	Leq	dB(A)	66.2	63.8	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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Ramesh Chandra Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director



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/06072024020
Sample I.D. : SREL/AN/06072024020
Sample Received : 06/07/2024
Date of Issue : 10/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 04.07.2024 AT 06:00 AM To 05.07.2024 06:00 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 Railway Line side

TEST RESULTS

Test Started on : 06/07/2024

Test Completed on : 10/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	64.8	62.5	IS : 9989:1981
2.	Lmin	dB(A)	45.5	45.3	
3.	Leq	dB(A)	56.4	54.6	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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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/25072024022
Sample I.D. : SREL/AN/25072024022
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 23.07.2024 AT 06:00 AM To 24.07.2024 06:00 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

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameter	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	70.4	68.3	IS : 9989:1981
2.	Lmin	dB(A)	51.6	50.8	
3.	Leq	dB(A)	65.2	61.7	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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Quality Manager




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Ranbir Singh
Technical Director



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/25072024023
Sample I.D. : SREL/AN/25072024023
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 23.07.2024 AT 06:00 AM To 24.07.2024 06:00 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 : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dBA	72.4	68.7	IS : 9989:1981
2.	Lmin	dBA	52.8	51.4	
3.	Leq	dBA	67.6	65.3	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dBA	75.0	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

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Quality Manager




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Ranbir Singh
Technical Director



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/25072024024
Sample I.D. : SREL/AN/25072024024
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 23.07.2024 AT 06:00 AM To 24.07.2024 06:00 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 Trippler

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	71.8	68.3	IS : 9989:1981
2.	Lmin	dB(A)	54.3	53.5	
3.	Leq	dB(A)	66.4	62.8	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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(in case of non-perishable products only)

Ramesh Chandra Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director



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/25072024025
Sample I.D. : SREL/AN/25072024025
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULAR

Name of the Sample : Ambient Noise Level Testing

Details of Sampling

1. Date & Time of Sampling : 23.07.2024 AT 06:00 AM To 24.07.2024 06:00 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 Railway Line side

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	66.9	64.1	IS : 9989:1981
2.	Lmin	dB(A)	48.4	45.4	
3.	Leq	dB(A)	57.2	54.8	
4.	CPCB Limits in dB(A')Leq (Industrial Area)	dB(A)	75.0	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

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Dr. Ramesh Chandra Tripathi
Checked By

Dr. Ramesh Chandra Tripathi
Quality manager



Ranbir Singh
Authorized Signatory
Ranbir Singh
Technical Director





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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/18042024026
Sample I.D. : SREL/AN/18042024040
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 16.04.2024 AT 06:00 AM To 17.04.2024 06:00 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 : Packing Plant

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	84.8	82.6	IS : 9989
2.	Lmin	dB(A)	74.2	73.2	
3.	Leq	dB(A)	81.2	79.4	
4.	As Per Factory Act	dB(A)	90.0	90.0	

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:-

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Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Technical Director



Add. Plot No.-96, Sector-7, IMT Manesar, Gurugram, Haryana-122052 (india)

Tel: 0124-4240147, M. +91 7503957000, +91 7015479139

Email: srenvirolab@gmail.com



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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/18042024027
Sample I.D. : SREL/AN/18042024041
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 16.04.2024 AT 06:00 AM To 17.04.2024 06:00 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 : Fly Ash Site

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	78.2	77.4	IS : 9989
2.	Lmin	dB(A)	67.8	65.3	
3.	Leq	dB(A)	74.8	72.5	
4.	As Per Factory Act	dB(A)	90.0	90.0	

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

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Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Technical Director



Add. Plot No.-96, Sector-7, IMT Manesar, Gurugram, Haryana-122052 (india)

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Email: srenvirolab@gmail.com

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/18042024028
Sample I.D. : SREL/AN/18042024042
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 16.04.2024 AT 06:00 AM To 17.04.2024 06:00 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 : Unloading Area

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	81.7	80.3	IS : 9989
2.	Lmin	dB(A)	70.3	68.4	
3.	Leq	dB(A)	75.6	73.7	
4.	As Per Factory Act	dB(A)	90.0	90.0	

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


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

Remark : NA
Opinion/Interpretation

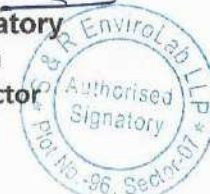
End of Report

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Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director


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/18042024029
Sample I.D. : SREL/AN/18042024043
Sample Received : 18/04/2024
Date of Issue : 22/04/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 16.04.2024 AT 06:00 AM To 17.04.2024 06:00 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 : Cement Mill

TEST RESULTS

Test Started on : 18/04/2024

Test Completed on : 22/04/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	87.1	85.4	IS : 9989
2.	Lmin	dB(A)	82.6	80.7	
3.	Lcq	dB(A)	84.5	82.8	
4.	As Per Factory Act	dB(A)	90.0	90.0	

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

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Dr. Ramesh Chandra Tripathi
Quality Manager




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Ranbir Singh
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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/25072024039
Sample I.D. : SREL/AN/25072024039
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Noise Level Testing

Details of Sampling

1. Date & Time of Sampling : 23.07.2024 AT 06:00 AM To 24.07.2024 06:00 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 : Packing Plant

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	83.6	82.4	IS : 9989
2.	Lmin	dB(A)	75.2	74.6	
3.	Leq	dB(A)	80.4	79.6	
4.	As Per Factory Act	dB(A)	90.0	90.0	

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

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Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager



Authorized Signatory
Ranbir Singh
Technical Director



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/25072024040
Sample I.D. : SREL/AN/25072024040
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 23.07.2024 AT 06:00 AM To 24.07.2024 06:00 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 : Fly Ash Site

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	77.1	76.8	IS : 9989
2.	Lmin	dB(A)	68.4	66.4	
3.	Leq	dB(A)	73.6	71.8	
4.	As Per Factory Act	dB(A)	90.0	90.0	

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

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Checked By
Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director



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/25072024041
Sample I.D. : SREL/AN/25072024041
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 23.07.2024 AT 06:00 AM To 24.07.2024 06:00 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 : Unloading Area

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	80.8	79.6	IS : 9989
2.	Lmin	dB(A)	71.5	67.8	
3.	Leq	dB(A)	76.2	74.2	
4.	As Per Factory Act	dB(A)	90.0	90.0	

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

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

Remark : NA
Opinion/Interpretation

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Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director



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/25072024042
Sample I.D. : SREL/AN/25072024042
Sample Received : 25/07/2024
Date of Issue : 29/07/2024
Reference No. : TRF

SAMPLE PARTICULARS

Name of the Sample : Noise Level Testing
Details of Sampling
1. Date & Time of Sampling : 23.07.2024 AT 06:00 AM To 24.07.2024 06:00 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 : Cement Mill

TEST RESULTS

Test Started on : 25/07/2024

Test Completed on : 29/07/2024

S.No.	Parameters	Units	Test Results dB(A)		Test Method
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	dB(A)	86.8	85.2	IS : 9989
2.	Lmin	dB(A)	81.4	81.5	
3.	Leq	dB(A)	84.2	83.4	
4.	As Per Factory Act	dB(A)	90.0	90.0	

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

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Checked By

Dr. Ramesh Chandra Tripathi
Quality Manager




Authorized Signatory
Ranbir Singh
Technical Director



SAFETY HEALTH CARE (ISO 9001:2015 Certified)**Occupational Health Examination Record**I. Name of Employee: Manoj Kumar Age/Sex: 31/mII. Mobile Number: 8570986798 Emp. Code: Shujin-50002

III. Occupational history :-

इस उद्योग में काम करने की अवधि	खाँसी व सांस फूलती है (हाँ/नहीं)	बीड़ी/सिगरेट या शराब पीते है (हाँ/नहीं)	कभी टीबी का इलाज़ हुआ है या चल रहा है (हाँ/नहीं)
2-1	+	+	+

III. History of past illness :-

Hypertension, Diabetes, any Trauma if any :

IV. Present complaints if any :

V. General Physical Examination:-

1. Height: 160 Cms 2. Weight: 85 Kg 3. Pulse: 89 / Min 4. B.P: 130/82 mm of Hg
 5. SpO2: 98 % 6. Temp: 97 F 7. BMI: 33.2 Kg/M²

VI. Systemic Examination

1. Chest Auscultation: 2. CVS: S1 S2

3. Eye Test : Vision for Distance & Near 6/6 (R) 6/6 (L)Colour Vision:- WNLVII. Blood Sugar (F) (PP) 102

Other Investigations (Reports Attached)

Name & Address of Industry:

Date of examination:

22/10/24

For Safety Health Care

Dr. VIKAS CHAUDHARY

M.B.B.S., A.F.I.H., D.M.R.D.

Occupational Health Physician

(Occupational Health Physician)

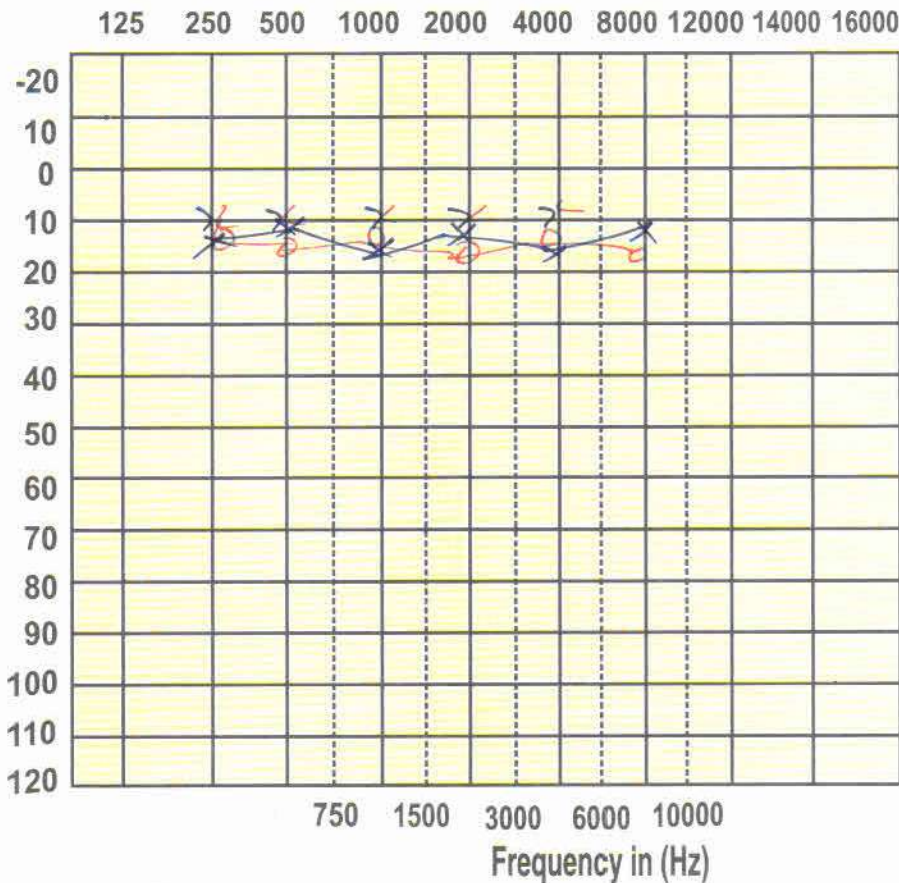
Employee's safety & healthcare at workplace

Dabua Colony, Sec.-50, Faridabad | Mob. : 9910234112, 9717591112

E-mail : safetyhealthcare2@yahoo.com, deeptibhatiaa@gmail.com | www.safetyhealthcare.co.in

SAFETY HEALTH CARE (ISO 9001:2015 Certified)**AUDIOGRAM**Name : Manoj Kumar Age/Sex : 31/M Date : 22/10/24 Emp. Code : Chup Sonu2ऑडियोग्राम
Audiogramऑडियोग्राम कुंजी
Audiogram Key

Hearing Threshold Level dB



Right	AC	Left
○	Unmasked	X
△	Masked	□
○↙	Unmasked no response	X↙
△↙	Masked no response	□↙
BC		
<	Unmasked	>
[Masked]
↙	Unmasked no response	↙
↓	Masked no response	↓
Sound Field		S
Sound Field no response		S↙

Diagnosis : B/L Hearing Hearing Sensing

Advice :


Audiologist


For Safety Health Care
Dr. VIKAS CHAUDHARY
 M.B.B.S., A.F.I.H., D.M.R.D.
 (Occupational Health Physician)

Employee's safety & healthcare at workplace

Dabua Colony, Sec.-50, Faridabad | Mob. : 9910234112, 9717591112

E-mail : safetyhealthcare2@yahoo.com, deeptibhatiaa@gmail.com | www.safetyhealthcare.co.in

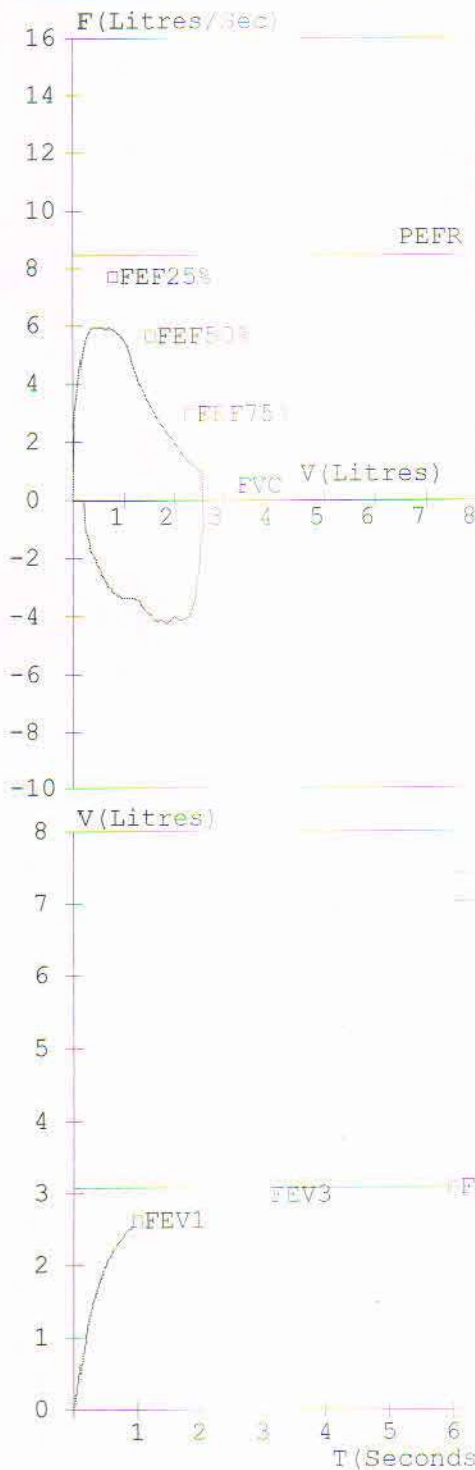
SAFETY HEALTH CARE

Multispecialist Hospital Dabua Colony, Sec-50, Faridabad

Patient: MANOJ KUMAR
Refd. By:
Pred. Eqns: RECORDERS
Date : 22-Oct-2024 02:43 PM

Age : 31 Yrs
Height : 160 Cms
Weight : 85 Kgs
ID : CHIL 50002

Gender : Male
Smoker : No
Eth. Corr: 100
Temp :



SVL %Pred COPD SEVERITY
150
125 BS NORM
100
75 MODERATE
50 SEVERE
25 VERY SEVERE RES
0
25 50 75 100 125 150
(FEV1/FVC)%Pred

FVC%Pred Interpretation
150
125 OBS NORM
100
75
50
25 MIXED RES
0
25 50 75 100 125 150
(FEV1/FVC)%Pred

FVC Results

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.08	02.58	084	---	---	---
FEV1 (L)	02.62	02.58	098	---	---	---
FEV1/FVC (%)	85.06	100.00	118	---	---	---
FEV25-75 (L/s)	04.16	03.67	088	---	---	---
PEFR (L/s)	08.46	05.95	070	---	---	---
FEV1.5 (L)	---	02.37	---	---	---	---
FEV1.5 (L)	---	02.02	---	---	---	---
FEV3 (L)	02.98	02.58	087	---	---	---
PIR (L/s)	---	04.21	---	---	---	---
FEV75-85 (L/s)	---	01.80	---	---	---	---
FEV1.2-1.2 (L/s)	06.99	05.52	079	---	---	---
FEV1.25% (L/s)	07.71	05.84	076	---	---	---
FEV1.50% (L/s)	05.63	04.01	071	---	---	---
FEV1.75% (L/s)	02.95	02.12	072	---	---	---
FEV1.5/FVC (%)	---	78.29	---	---	---	---
FEV3/FVC (%)	96.75	100.00	103	---	---	---
FEV1 (Sec)	---	00.94	---	---	---	---
Exp1Time (Sec)	---	00.06	---	---	---	---
Lung Age (Yrs)	031	032	103	---	---	---
FEV1 (L)	03.08	---	---	---	---	---
FEV1.25% (L/s)	---	04.04	---	---	---	---
FEV1.50% (L/s)	---	04.10	---	---	---	---
FEV1.75% (L/s)	---	03.30	---	---	---	---

Test COPD Severity
within normal limits

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



Dr. VIKAS CHANDHARY
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Occupational Health Physician

SAFETY HEALTH CARE

(ISO 9001:2015 Certified), UDYAM Registered (Govt. of India.)

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Daubua Colony, Faridabad, NABH Accredited

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Sec- 3, Ballabgarh, Faridabad

• **DD Diagnostic & Viapath Lab**

Sec 10, Gurugram, (NABL Accredited)

• **Wellcare & CRL Diagnostic** (NABL Accredited) Lab

Badarpur, Delhi



Patient Name : **MR. MANOJ KUMAR**
 Age & Sex : 31 Yrs | Male
 Address : J.K CEMENT JHAJJAR
 Referred By : **SELF**

Lab ID. No. : **45**
 Collection Date : 25-10-2024
 Reporting Date : 25-10-2024
 UHID : CHUL-0002



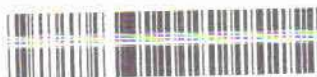
Test Name	Results	Units	Reference range
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HEMATOLOGY**COMPLETE BLOOD COUNT (CBC)**

Hemoglobin	14.5	g/dL	13.5-17.5
Total Leukocyte Count (TLC)	8900	/cumm	4,000-11,000
Differential Leucocyte Count (DLC)			
Neutrophils	▲ 80	%	40 - 75
Lymphocytes	▼ 14	%	20-45
Monocytes	03	%	2-10
Eosinophils	03	%	01-06
Red Blood Count (RBC)	5.16	million/ μ L	4.5 - 5.9
Packed Cell Volume (PCV)	46.5	%	37-53
Mean Corpuscular Volume (MCV)	90.1	fL	80 - 100
Mean Corpuscular Hemoglobin (MCH)	28.1	pg	26 - 34
Mean Corpuscular Hb Concentration (MCHC)	▼ 31.2	g/dL	32 - 36
Platelet Count	▲ 134	lakh/cumm	1.5 - 4.5
ESR	05		0 - 20

BIOCHEMISTRY

Total Bilirubin	0.56	mg/dL	Adults : upto 1.2 mg/dl Infants : 0.2 - 8 mg/dl
Direct Bilirubin	0.14	mg/dL	upto 0.4 mg/dl
Indirect Bilirubin	0.42	mg/dL	0.1 - 1.0 mg/dl



DR. R. KUMAR
(MBBS MD PATHOLOGY)

DR. JYOTI GOEL

Consultant Microbiologist

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Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

KIDNEY FUNCTION TEST

Urea	21.3	mg/dL	15.0 - 55.0
Creatinine	1.12	mg/dL	0.6 - 1.3
Uric acid	5.64	mg/dL	3.5 - 7.2
Sodium	138.5	mEq/L	135 - 145
Potassium	4.33	mEq/L	3.50 - 5.10
BUN (Blood Urea Nitrogen)	10	mg/dL	6.0-20.0
BUN/Creatinine Ratio	▼ 8.9	Ratio	10.0 - 20.0
Urea/Creatinine Ratio	19.02	Ratio	

Method : Automated Spectrophotometry Based Assay & Electrolyte Analyzer.

The kidneys play several vital roles in maintaining health. One of their most important jobs is to filter waste materials from the blood and expel them from the body as urine. They also produce and release erythropoietin (EPO), which stimulates the bone marrow to make red blood cells, renin, which helps control blood pressure, and calcitriol, the active form of vitamin D, which is needed to maintain calcium for teeth and bones and for normal chemical balance in the body. Among the important substances the kidneys help to regulate are sodium, potassium, chloride, bicarbonate, calcium, phosphorus, and magnesium. The right balance of these substances is critical. When the kidneys are not working properly, waste products and fluid can build up to dangerous levels in the blood, creating a life-threatening situation. Kidney function tests are common lab tests used to evaluate how well the kidneys are working.



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Test Name	Results	Units	Reference range
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LIPID PROFILE

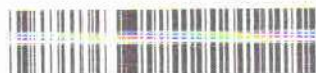
TOTAL CHOLESTEROL Method : PHOTOMETRY	184.5	mg/dl	125 - 200
TRIGLYCERIDES Method : PHOTOMETRY	154.6	mg/dl	25 - 200
HDL CHOLESTEROL - DIRECT Method : PHOTOMETRY	56.2	mg/dl	35 - 80
LDL CHOLESTEROL - DIRECT Method : PHOTOMETRY	97.38	mg/dl	85-130
VLDL CHOLESTEROL Method : PHOTOMETRY	30.92	mg/dl	5 - 40
TC/ HDL CHOLESTEROL RATIO Method : CALCULATED	3.28	Ratio	3 - 5
LDL / HDL RATIO Method : CALCULATED	1.73	Ratio	1.5-3.5
HDL / LDL Ratio Method : CALCULATED	▲ 0.58	Ratio	> 0.3
NON-HDL CHOLESTEROL Method : CALCULATED	128.3	mg/dl	<160

Method : Tests were performed using Automated Biochemistry analyzer by Transasia.

1. Triglycerides: When triglycerides are very high greater than 1000 mg/dL, there is a risk of developing pancreatitis in children and adults. Triglycerides change dramatically in response to meals, increasing as much as 5 to 10 times higher than fasting levels just a few hours after eating. Even fasting levels vary considerably day to day. Therefore, modest changes in fasting triglycerides measured on different days are not considered to be abnormal.

2. HDL-Cholesterol: HDL- C is considered to be beneficial, the so-called "good" cholesterol, because it removes excess cholesterol from tissues and carries it to the liver for disposal. If HDL-C is less than 40 mg/dL for men and less than 50 mg/dL for women, there is an increased risk of heart disease that is independent of other risk factors, including the LDL-C level. The NCEP guidelines suggest that an HDL cholesterol value greater than 60 mg/dL is protective and should be treated as a negative risk factor.

3. LDL-Cholesterol: Desired als for LDL-C levels change based on individual risk factors. For young adults, less than 120 mg/dL is acceptable. Values between 120-159 mg/dL are considered Borderline high. Values greater than 160 mg/dL are considered high. Low levels of LDL cholesterol may be seen in people with an inherited lipoprotein deficiency and in people with hyperthyroidism, infection, inflammation, or cirrhosis.

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Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

URINE**URINE EXAMINATION****PHYSICAL EXAMINATION**

Quantity	20	ml	
Transparency	Clear		Clear
Reaction	Alkaline		
Color	Yellow		Pale Yellow
Deposit	Absent		
Specific Gravity	1.020		1.005 - 1.03

CHEMICAL EXAMINATION

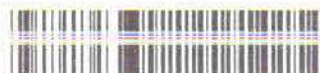
Albumin	Absent		Absent
Glucose	Nil		Absent
Protein	Absent		

MICROSCOPIC EXAMINATION

RBCs	Absent	/HPF	Absent
Epithelial Cell	5-6	/HPF	Absent
Bacteria	Absent		Absent
Crystals	Absent		Absent
Casts	Absent		Absent
Pus Cells	1-2	/HPF	Absent
Red Cells	Absent		Absent

Method : Test was performed using Automated Urine analyzer by Transcena plus microscopy.

End of report



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**Digital Chest- X -Ray Report (P.A)**

Name: Manoj Kumar 50002/ CHULGIRI	Age/Sex: 31/ M	Date: 22/10/2024
----------------------------------------------------	-----------------------	-------------------------

Report:-

- Both Costophrenic and cardiophrenic angles appear normal.
- B/L Visualized Lung Fields appears normal.
- Soft tissues of chest wall appear normal.
- B/I Hila & Broncho Vascular markings appear normal.
- Bony thoracic cage appears normal.
- Cardiac Silhouette appears normal.
- Trachea is central.

Please correlate clinically.**Not for Medico legal Purpose**

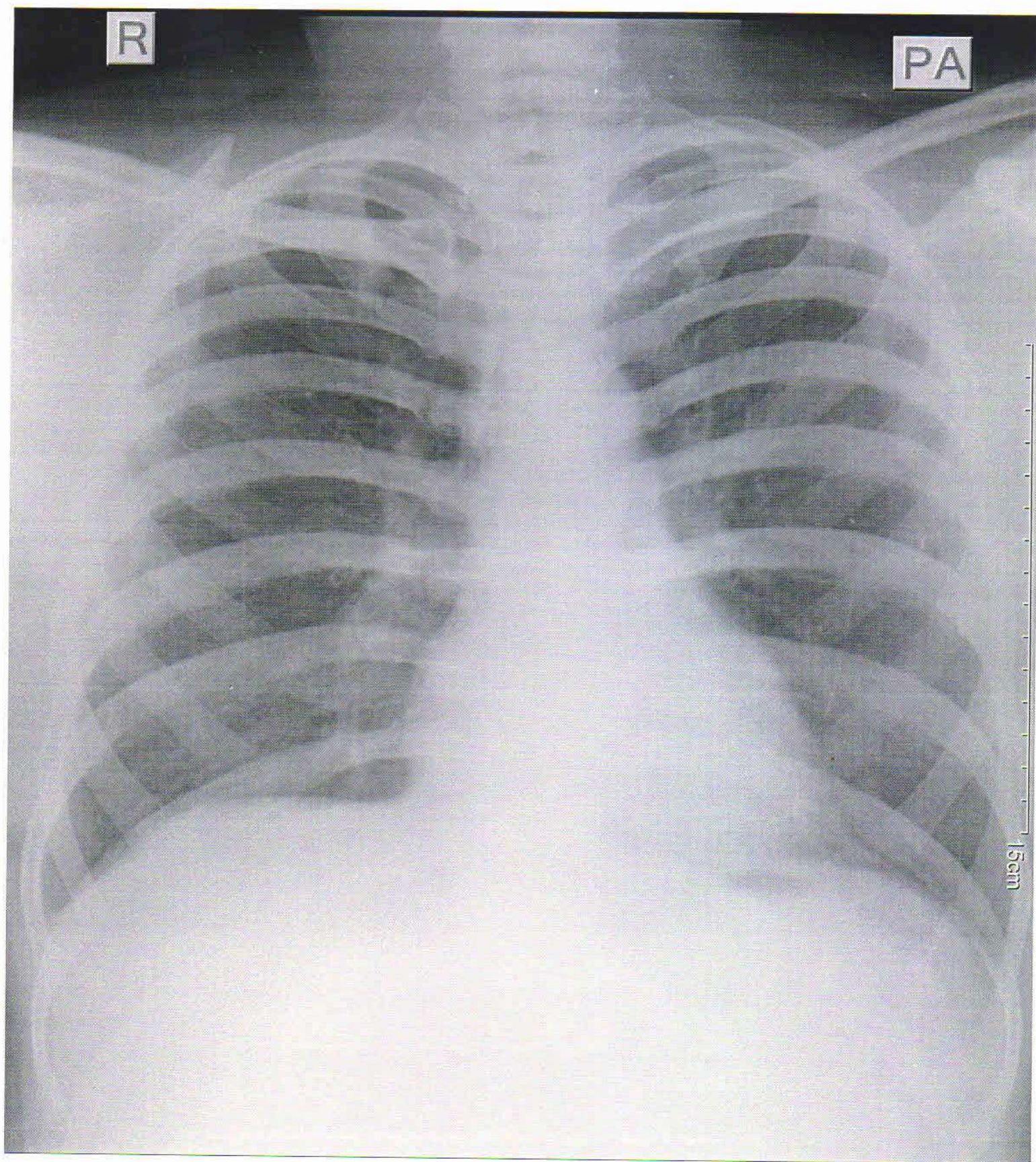
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Occupational Health Physician

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SAFETY HEALTH CARE (ISO 9001:2015 Certified)**Occupational Health Examination Record**I. Name of Employee: Alaxender Age/Sex: 39/MII. Mobile Number : 98120511222 Emp. Code: Canteen -

III. Occupational history :-

इस उद्योग में काम करने की अवधि	खाँसी व सांस फूलती है (हाँ/नहीं)	बीड़ी/सिगरेट या शराब पीते हैं (हाँ/नहीं)	कभी टीबी का इलाज हुआ है या चल रहा है (हाँ/नहीं)
<u>13 Y</u>	<u>+</u>	<u>+</u>	<u>+</u>

III. History of past illness :-

Hypertension, Diabetes, any Trauma if any :

IV. Present complaints if any :

V. General Physical Examination:-

1. Height 178 Cms 2. Weight 87 Kg 3. Pulse 89 / Min 4. B.P 140/90 mm of Hg
 5. SpO2 95 % 6. Temp. 97 F 7. BMI 27.8 Kg/M²

VI. Systemic Examination

1. Chest Auscultation: 2. CVS: S1 S2

3. Eye Test : Vision for Distance & Near

Colour Vision:- WNLVII. Blood Sugar (F) (P.P) 93

Other Investigations (Reports Attached)

Name & Address of Industry:

Date of examination:

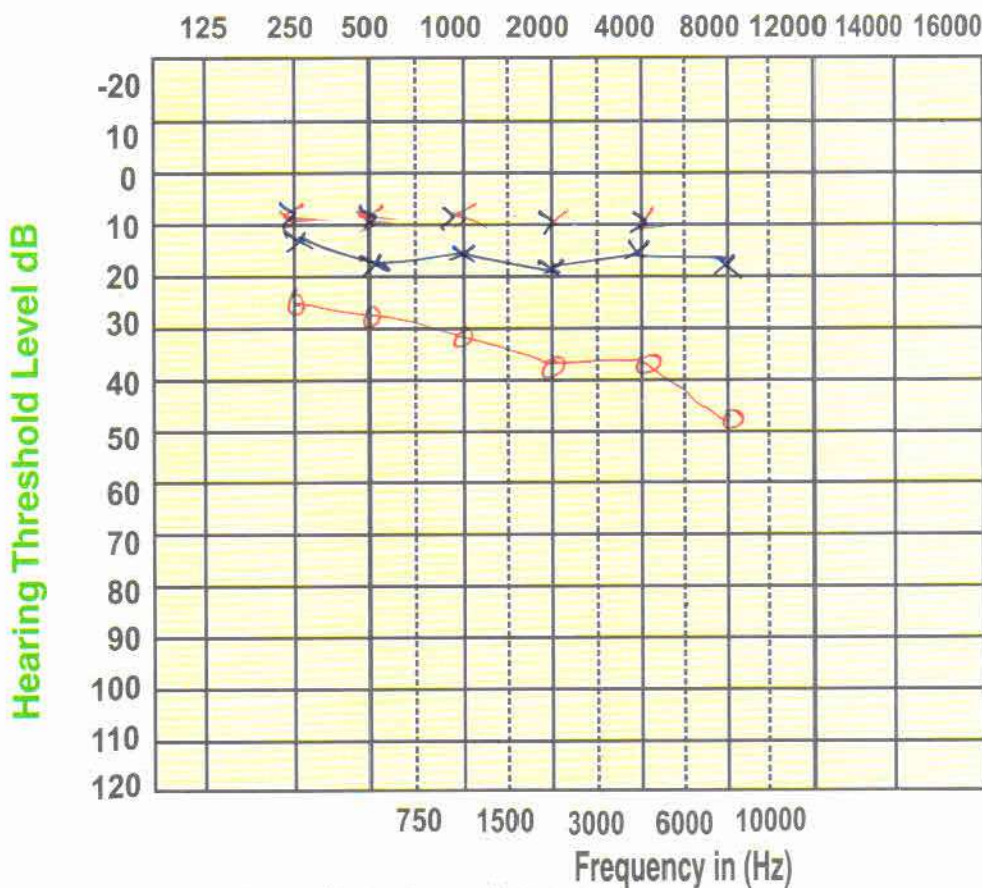
21/10/24

For Safety Health Care
Dr. VIKAS CHAUDHARY
 M.B.B.S., A.F.I.H., D.M.R.D.
 Occupational Health Physician
 (Occupational Health Physician)

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SAFETY HEALTH CARE (ISO 9001:2015 Certified)**AUDIOGRAM**Name : Varender Age/Sex : 39/M Date : 21/10/24 Emp. Code Canteenऑडियोग्राम
Audiogramऑडियोग्राम कुंजी
Audiogram Key

Right	AC	Left
○	Unmasked	X
△	Masked	□
○↙	Unmasked no response	X↙
△↙	Masked no response	□↙
BC		
<	Unmasked	>
[Masked]
↙	Unmasked no response	↙
↓	Masked no response	↓
Sound Field		
		S
Sound Field no response		
		S↙

Diagnosis : Lt. Hearing sensitivity withAdvice : Rt. ear Moderate conductive hearing lossV. Kumar
AudiologistFor Safety Health Care
Dr. VIKAS CHAUDHARY
MBBS, AFIH, DMRD
(Occupational Health Physician)
Occupational Health Physician

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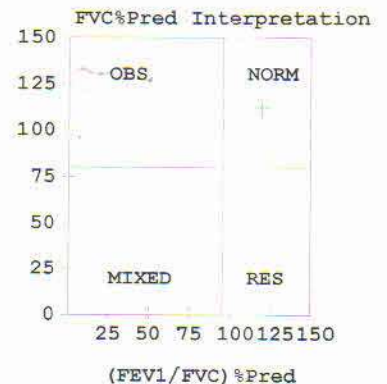
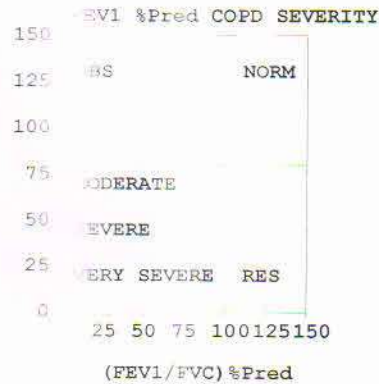
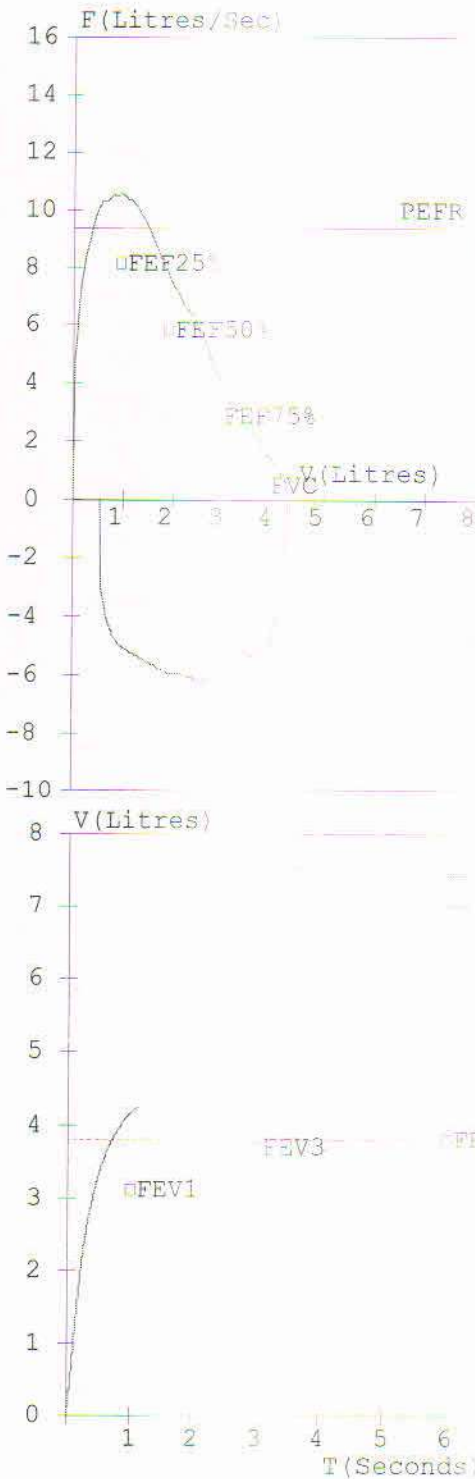
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SAFETY HEALTH CARE

Multispecialist Hospital Dabua Colony, Sec-50, Faridabad

Patient: NARENDRA
Refd.By:
Pred.Eqns: RECORDERS
Date : 21-Oct-2024 05:47 PM

Age : 39 Yrs
Height : 177 Cms
Weight : 87 Kgs
ID : CANTEEN 160
Gender : Male
Smoker : No
Eth. Corr: 100
Temp :



		FVC Results						
	meter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp	
FVC	(L)	03.81	04.26	112	-----	---	---	
FEV1	(L)	03.13	04.18	134	-----	---	---	
FEV1/FVC	(%)	82.15	98.12	119	-----	---	---	
FEV25-75	(L/s)	04.12	06.15	149	-----	---	---	
PEFR	(L/s)	09.38	10.56	113	-----	---	---	
FVC	(L)	-----	03.73	---	-----	---	---	
FEV1.5	(L)	-----	03.35	---	-----	---	---	
FEV3	(L)	03.70	04.26	115	-----	---	---	
PIFR	(L/s)	-----	06.18	---	-----	---	---	
FEV75-85	(L/s)	-----	02.82	---	-----	---	---	
FEV2-1.2	(L/s)	07.32	09.84	134	-----	---	---	
FEV25%	(L/s)	08.14	10.43	128	-----	---	---	
FEV50%	(L/s)	05.83	06.92	119	-----	---	---	
FEV75%	(L/s)	02.86	03.13	109	-----	---	---	
FEV1.5/FVC	(%)	-----	78.64	---	-----	---	---	
FEV3/FVC	(%)	97.11	100.00	103	-----	---	---	
FEV1	(Sec)	-----	01.13	---	-----	---	---	
ExpTime	(Sec)	-----	00.06	---	-----	---	---	
Lung Age	(Yrs)	039	026	067	-----	---	---	
FEV6	(L)	03.81	-----	---	-----	---	---	
FEV25%	(L/s)	-----	04.99	---	-----	---	---	
FEV50%	(L/s)	-----	05.75	---	-----	---	---	
FEV75%	(L/s)	-----	05.91	---	-----	---	---	

Test within normal limits

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



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Badarpur, Delhi



Patient Name : **MR. NARENDER**
 Age & Sex : 39 Yrs | Male
 Address : J.K CEMENT JHAJJAR
 Referred By : **SELF**

Lab ID. No. : **2130**
 Collection Date : 25-10-2024
 Reporting Date : 25-10-2024
 UHID : CANTEEN-1



Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

HEMATOLOGY**COMPLETE BLOOD COUNT (CBC)**

Hemoglobin	14.2	g/dL	13.5-17.5
Total Leukocyte Count (TLC)	6400	/ cumm	4,500-11,000
Differential Leucocyte Count (DLC)			
Neutrophils	65	%	35-66
Lymphocytes	25	%	24-44
Monocytes	06	%	4-10
Eosinophils	▲ 04	%	0-3
Red Blood Count (RBC)	▼ 4.26	million/ μ l	4.5 - 5.9
Packed Cell Volume (PCV)	42.6	%	37-53
Mean Corpuscular Volume (MCV)	100	fL	80 - 100
Mean Corpuscular Hemoglobin (MCH)	33.3	pg	26 - 34
Mean Corpuscular Hb Concentration (MCHC)	33.3	g/dL	32 - 36
Platelet Count	221	thou/ μ l	150 - 410
ESR	18	mm/hr	00 - 20

BIOCHEMISTRY

Total Bilirubin	0.8	mg/dL	Adults : upto 1.2 mg/dl Infants : 0.2 - 8 mg/dl
Direct Bilirubin	0.3	mg/dL	upto 0.4 mg/dl
Indirect Bilirubin	0.5	mg/dL	0.1 - 1.0 mg/dl



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Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

KIDNEY FUNCTION TEST

Urea	32.2	mg/dL	15.0 - 55.0
Creatinine	0.6	mg/dL	0.60 - 1.50
Uric acid	5.2	mg/dL	2.5 - 7.2
Sodium	138	mEq/L	135 - 145
Potassium	3.8	mEq/L	3.50 - 5.10
BUN (Blood Urea Nitrogen)	15	mg/dl	6.0-20.0
BUN/Creatinine Ratio	▲ 25	Ratio	10.0 - 20.0
Urea/Creatinine Ratio	53.67	Ratio	

Method : Automated Spectrophotometry Based Assay & Electrolyte Analyzer.

The kidneys play several vital roles in maintaining health. One of their most important jobs is to filter waste materials from the blood and expel them from the body as urine. They also produce and release erythropoietin (EPO), which stimulates the bone marrow to make red blood cells, renin, which helps control blood pressure, and calcitriol, the active form of vitamin D, which is needed to maintain calcium for teeth and bones and for normal chemical balance in the body. Among the important substances the kidneys help to regulate are sodium, potassium, chloride, bicarbonate, calcium, phosphorus, and magnesium. The right balance of these substances is critical. When the kidneys are not working properly, waste products and fluid can build up to dangerous levels in the blood, creating a life-threatening situation. Kidney function-tests are common lab tests used to evaluate how well the kidneys are working.



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Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

LIPID PROFILE

TOTAL CHOLESTEROL <i>Method : PHOTOMETRY</i>	156	mg/dl	125 - 200
TRIGLYCERIDES <i>Method : PHOTOMETRY</i>	121	mg/dl	25 - 200
HDL CHOLESTEROL - DIRECT <i>Method : PHOTOMETRY</i>	▼ 6.2	mg/dl	35 - 80
LDL CHOLESTEROL - DIRECT <i>Method : PHOTOMETRY</i>	125.6	mg/dl	85-130
VLDL CHOLESTEROL <i>Method : PHOTOMETRY</i>	24.2	mg/dl	5 - 40
TC/ HDL CHOLESTEROL RATIO <i>Method : CALCULATED</i>	▲ 25.16	Ratio	3 - 5
LDL / HDL RATIO <i>Method : CALCULATED</i>	▲ 20.26	Ratio	1.5-3.5
HDL / LDL Ratio <i>Method : CALCULATED</i>	0.05	Ratio	> 0.3
NON-HDL CHOLESTEROL <i>Method : CALCULATED</i>	149.8	mg/dl	<160

Method : Tests were performed using Automated Biochemistry analyzer by Transasia.

1. Triglycerides: When triglycerides are very high greater than 1000 mg/dL, there is a risk of developing pancreatitis in children and adults. Triglycerides change dramatically in response to meals, increasing as much as 5 to 10 times higher than fasting levels just a few hours after eating. Even fasting levels vary considerably day to day. Therefore, modest changes in fasting triglycerides measured on different days are not considered to be abnormal.

2. HDL-Cholesterol: HDL- C is considered to be beneficial, the so-called "od" cholesterol, because it removes excess cholesterol from tissues and carries it to the liver for disposal. If HDL-C is less than 40 mg/dL for men and less than 50 mg/dL for women, there is an increased risk of heart disease that is independent of other risk factors, including the LDL-C level. The NCEP guidelines suggest that an HDL cholesterol value greater than 60 mg/dL is protective and should be treated as a negative risk factor.

3. LDL-Cholesterol: Desired als for LDL-C levels change based on individual risk factors. For young adults, less than 120 mg/dL is acceptable. Values between 120-159 mg/dL are considered Borderline high. Values greater than 160 mg/dL are considered high. Low levels of LDL cholesterol may be seen in people with an inherited lipoprotein deficiency and in people with hyperthyroidism, infection, inflammation, or cirrhosis.



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• **DD Diagnostic & Viapath Lab**

Sec 10, Gurugram, (NABL Accredited)

• **Wellcare & CRL Diagnostic** (NABL Accredited) Lab

Badarpur, Delhi

Patient Name : **MR. NARENDER**
 Age & Sex : 39 Yrs | Male
 Address : J.K CEMENT JHAJJAR
 Referred By : **SELF**

Lab ID. No. : **2130**
 Collection Date : 25-10-2024
 Reporting Date : 25-10-2024
 UHID : CANTEEN-1



Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

URINE**URINE EXAMINATION****PHYSICAL EXAMINATION**

Quantity	20	ml	
Color	Pale Yellow		Pale Yellow
Odour	Absent		Absent
Appearance	Slightly Turbid		
Deposit	Absent		

CHEMICAL EXAMINATION

Reaction	Alkaline
Sugar (Fasting)	Nil
Sugar (PP / R)	Nil
Albumin	Absent
Acetone	Absent
Blood Pigment	Absent
Bile Pigment	Absent
Bile Salt	Absent
Urobilinogens	Normal
Excess of Phosphates	Absent

MICROSCOPIC EXAMINATION

Leucocyte	Absent
Epithelial Cell	Absent
Crystals	Absent
Casts	Absent
Other	Absent
Grams Staining	Absent



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 Address : J.K CEMENT JHAJJAR
 Referred By : **SELF**

Lab ID. No. : **2130**
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 Reporting Date : 25-10-2024
 UHID : CANTEEN-1



Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

STOOL**STOOL EXAMINATION ROUTINE; STOOL R/E**

Colour		Brown
Mucus	Absent	Absent
Visible Blood	Absent	Absent
Reaction	Alkaline	Alkaline
Charcot-Leyden Crystals	None Seen	None Seen
Pus Cells	Absent	/hpf
Cysts	None Seen	None Seen
Helminthic Ova	None Seen	None Seen
Larva	None Seen	None Seen
Other Observations	Absent	None Seen

Method : (Manual Method, Light microscopy)

SPUTAM**MICROBACTRIOLOGY EXAMINATION REPORT****SPUTUM FOR A.F.B (ACID FAST BACILLI)**

Specimen : SPUTUM.
 Result : NO ACID FAST BACILLI SEEN

(NOTE:- Result is dependent on the quality of specimen submitted.)

----- End of report -----



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Badarpur, Delhi



Digital Chest- X -Ray Report (P.A)

Name: Narender CANTEEN	Age/Sex: 39/ M	Date: 21/10/2024
---------------------------	----------------	------------------

Report:-

- Both Costophrenic and cardiophrenic angles appear normal.
- B/L Visualized Lung Fields appears normal.
- Soft tissues of chest wall appear normal.
- B/I Hila & Broncho Vascular markings appear normal.
- Bony thoracic cage appears normal.
- Cardiac Silhouette appears normal.
- Trachea is central.

Please correlate clinically.

Not for Medico legal Purpose



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SAFETY HEALTH CARE

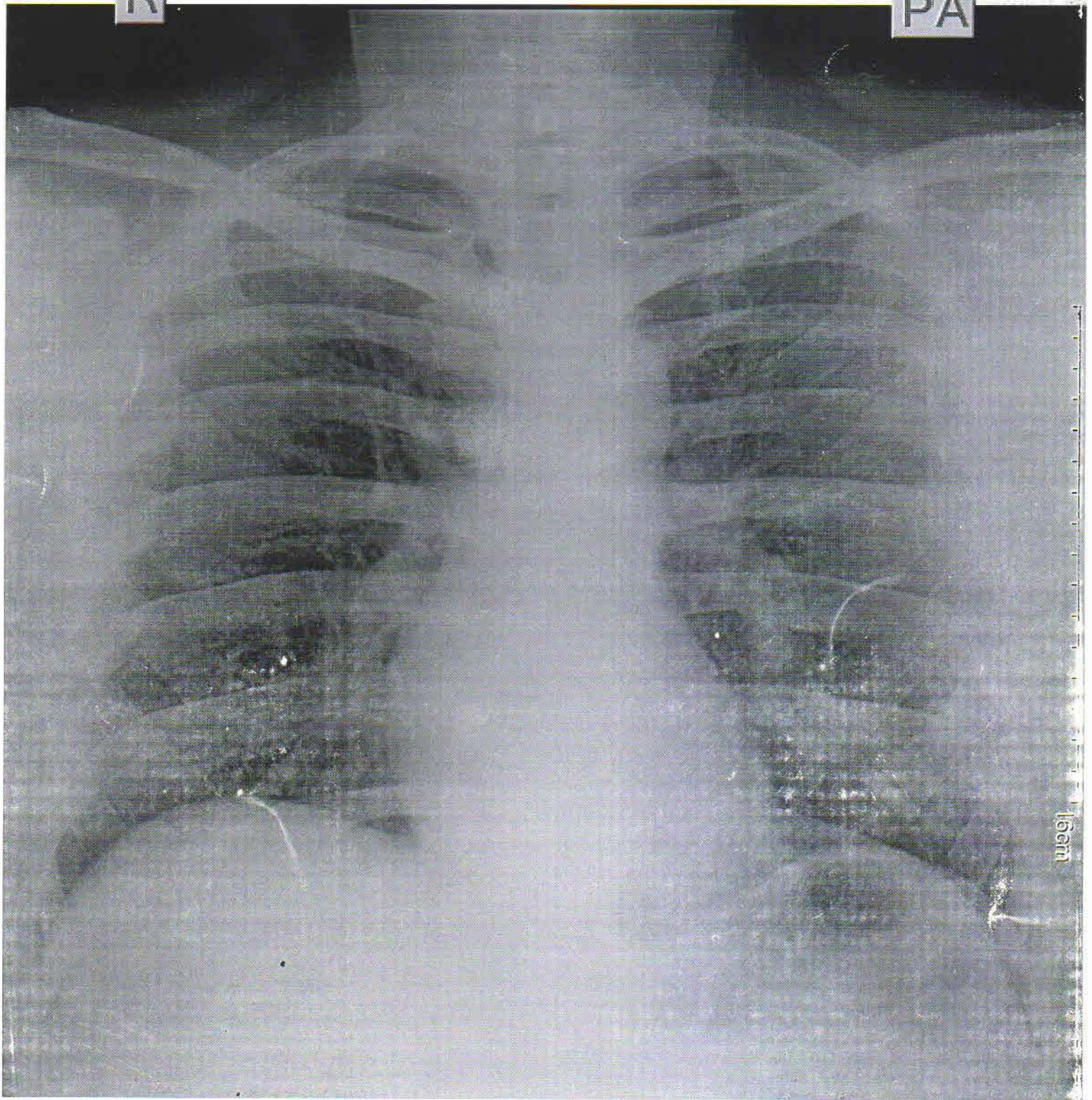
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R

PA



SAFETY HEALTH CARE (ISO 9001:2015 Certified)**Occupational Health Examination Record**I. Name of Employee: Nitesh Singh Age/Sex: 27II. Mobile Number: 7509993747 Emp. Code: 13000676

III. Occupational history :-

इस उद्योग में काम करने की अवधि	खाँसी व सांस फूलती है (हाँ/नहीं)	बीड़ी/सिगरेट या शराब पीते हैं (हाँ/नहीं)	कभी टीबी का इलाज़ हुआ है या चल रहा है (हाँ/नहीं)
<u>5y</u>	<u>+</u>	<u>+</u>	<u>+</u>

III. History of past illness :-

Hypertension, Diabetes, any Trauma if any :

IV. Present complaints if any :

V. General Physical Examination:-

1. Height: 169 Cms 2. Weight: 71 Kg 3. Pulse: 73 / Min 4. B.P: 110/70 mm of Hg
 5. SpO2: 99 % 6. Temp: 97 F 7. BMI: 24.9 Kg/M²

VI. Systemic Examination

1. Chest Auscultation:

2. CVS: S1 S2

3. Eye Test : Vision for Distance & Near

6/6
6/610-6
10-6Colour Vision:- WNLVII. Blood Sugar (F) (P.P) 102

Other Investigations (Reports Attached)

Name & Address of Industry:

Date of examination:

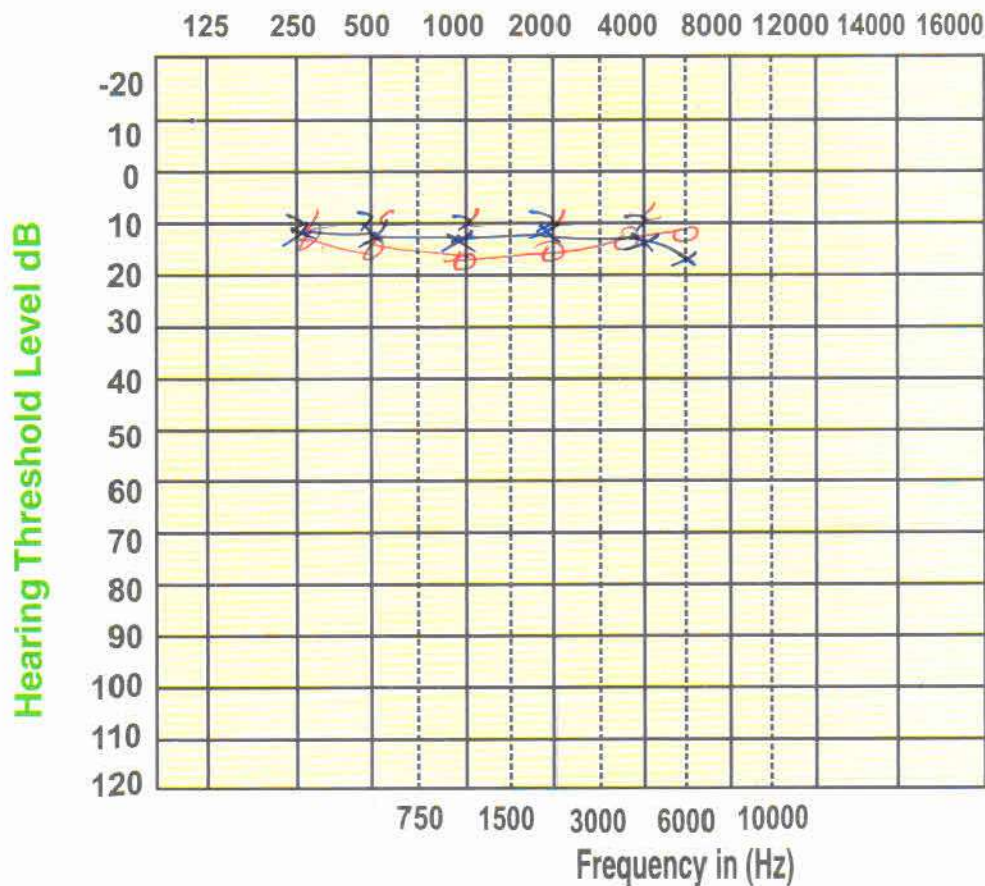
22/10/24

For Safety Health Care
Dr. VIKAS CHAUDHARY
 M.B.B.S., A.F.I.H., D.M.R.D.
 Occupational Health Physician
 (Occupational Health Physician)

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SAFETY HEALTH CARE (ISO 9001:2015 Certified)**AUDIOGRAM**Name : Nitesh Singh Age/Sex : 27/M Date : 22/10/24 Emp. Code : 300676ऑडियोग्राम
Audiogramऑडियोग्राम कुंजी
Audiogram Key

Right	AC	Left
○	Unmasked	X
△	Masked	□
○ ↙	Unmasked no response	X ↙
△ ↙	Masked no response	□ ↙
BC		
<	Unmasked	>
[Masked]
↙	Unmasked no response	↙
↓	Masked no response	↓
Sound Field		S
Sound Field no response		S ↙

Diagnosis : B/L Hearing Sensibly WNL

Advice :

Audiologist



For Safety Health Care

Dr. VIKAS CHAUDHARY
MBBS, AFH, DMRD
(Occupational Health Physician)
Occupational Health Physician

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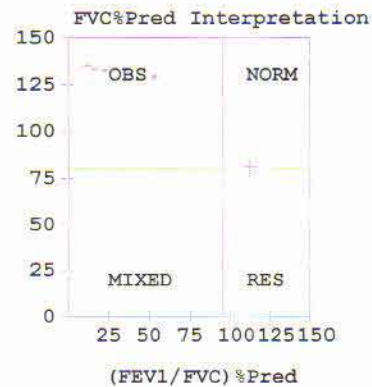
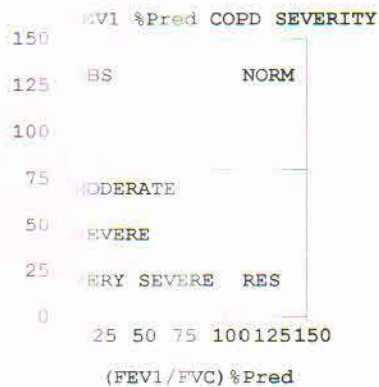
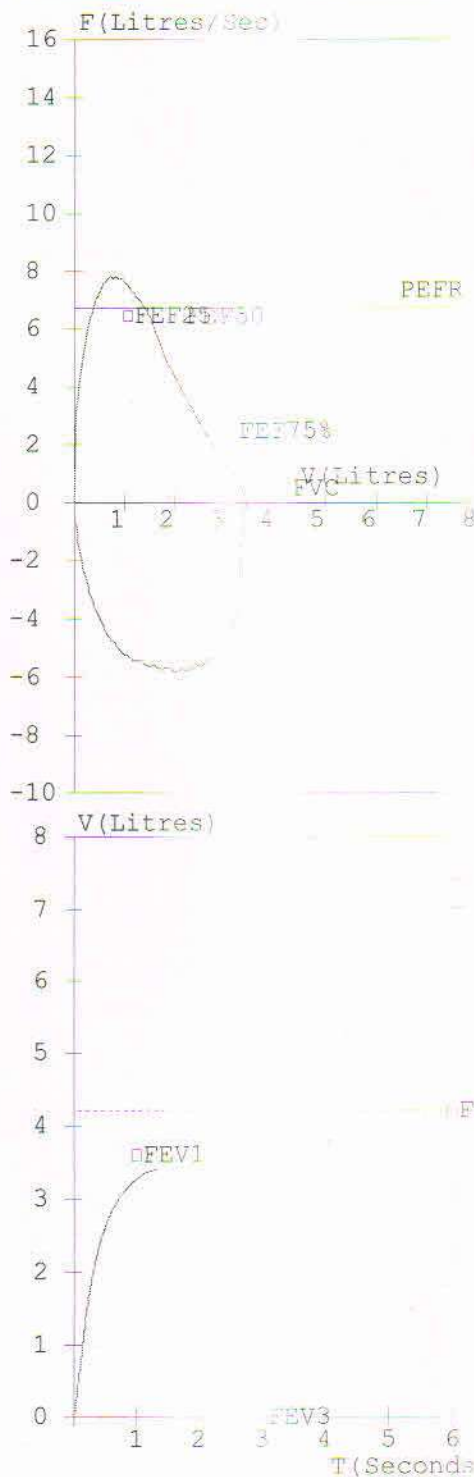
SAFETY HEALTH CARE

Multispecialist Hospital Dabua Colony, Sec-50, Faridabad

Patient: NITESH SINGH
Refd. By:
Pred. Eqns: RECORDERS
Date : 22-Oct-2024 09:40 AM

Age : 13 Yrs
Height : 170 Cms
Weight : 71 Kgs
ID : 13000676

Gender : Male
Smoker : No
Eth. Corr: 100
Temp :



FVC Results

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	04.21	03.41	081	---	---	---
FEV1 (L)	03.61	03.28	091	---	---	---
FEV1/FVC (%)	85.75	96.19	112	---	---	---
FEF25-75 (L/s)	04.15	04.82	116	---	---	---
PEFR (L/s)	06.72	07.83	117	---	---	---
FIVC (L)	---	03.44	---	---	---	---
FEV.5 (L)	---	02.63	---	---	---	---
FEV3 (L)	---	03.41	---	---	---	---
PIFR (L/s)	---	05.79	---	---	---	---
FEF75-85 (L/s)	---	02.00	---	---	---	---
FEF.2-1.2 (L/s)	---	07.11	---	---	---	---
FEF 25% (L/s)	06.46	07.66	119	---	---	---
FEF 50% (L/s)	06.43	05.45	085	---	---	---
FEF 75% (L/s)	02.48	02.57	104	---	---	---
FEV.5/FVC (%)	---	77.13	---	---	---	---
FEV3/FVC (%)	---	100.00	---	---	---	---
FEV (Sec)	---	01.40	---	---	---	---
Exp Time (Sec)	---	00.07	---	---	---	---
Lung Age (Yrs)	013	014	108	---	---	---
FEV6 (L)	04.21	---	---	---	---	---
FIF25% (L/s)	---	05.55	---	---	---	---
FIF50% (L/s)	---	05.63	---	---	---	---
FIF75% (L/s)	---	04.84	---	---	---	---

Test COPD Severity
T= within normal limits

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



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Badarpur, Delhi



Patient Name : **MR. NITESH SINGH**
 Age & Sex : 27 Yrs | Male
 Address : J.K CEMENT JHAJJAR
 Referred By : **SELF**

Lab ID. No. : **2209**
 Collection Date : 25-10-2024
 Reporting Date : 25-10-2024
 UHID : 13000676



Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

HEMATOLOGY**COMPLETE BLOOD COUNT (CBC)**

Hemoglobin	15.1	g/dL	13.5-17.5
Total Leukocyte Count (TLC)	6700	/ cumm	4,500-11,000
Differential Leucocyte Count (DLC)			
Neutrophils	65	%	35-66
Lymphocytes	▼ 22	%	24-44
Monocytes	07	%	4-10
Eosinophils	▲ 06	%	0-3
Red Blood Count (RBC)	5.02	million/ μ L	4.5 - 5.9
Packed Cell Volume (PCV)	45.3	%	37-53
Mean Corpuscular Volume (MCV)	90.2	fL	80 - 100
Mean Corpuscular Hemoglobin (MCH)	30.1	pg	26 - 34
Mean Corpuscular Hb Concentration (MCHC)	33.3	g/dL	32 - 36
Platelet Count	▼ 2.16	thou/ μ L	150 - 410
ESR	12	mm/hr	00 - 20

BIOCHEMISTRY

Total Bilirubin	0.7	mg/dL	Adults : upto 1.2 mg/dl Infants : 0.2 - 8 mg/dl
Direct Bilirubin	0.2	mg/dL	upto 0.4 mg/dl
Indirect Bilirubin	0.5	mg/dL	0.1 - 1.0 mg/dl



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 UHID : 13000676



Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

KIDNEY FUNCTION TEST

Urea	21.2	mg/dL	15.0 - 55.0
Creatinine	0.9	mg/dL	0.60 - 1.50
Uric acid	4.5	mg/dL	2.5 - 7.2
Sodium	138	mEq/L	135 - 145
Potassium	3.8	mEq/L	3.50 - 5.10
BUN (Blood Urea Nitrogen)	9.9	mg/dl	6.0-20.0
BUN/Creatinine Ratio	11	Ratio	10.0 - 20.0
Urea/Creatinine Ratio	23.56	Ratio	

Method : Automated Spectrophotometry Based Assay & Electrolyte Analyzer.

The kidneys play several vital roles in maintaining health. One of their most important jobs is to filter waste materials from the blood and expel them from the body as urine. They also produce and release erythropoietin (EPO), which stimulates the bone marrow to make red blood cells, renin, which helps control blood pressure, and calcitriol, the active form of vitamin D, which is needed to maintain calcium for teeth and bones and for normal chemical balance in the body. Among the important substances the kidneys help to regulate are sodium, potassium, chloride, bicarbonate, calcium, phosphorus, and magnesium. The right balance of these substances is critical. When the kidneys are not working properly, waste products and fluid can build up to dangerous levels in the blood, creating a life-threatening situation. Kidney function tests are common lab tests used to evaluate how well the kidneys are working.



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Lab ID. No. : **2209**
 Collection Date : 25-10-2024
 Reporting Date : 25-10-2024
 UHID : 13000676



Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

LIPID PROFILE

TOTAL CHOLESTEROL <i>Method : PHOTOMETRY</i>	152	mg/dl	125 - 200
TRIGLYCERIDES <i>Method : PHOTOMETRY</i>	132	mg/dl	25 - 200
HDL CHOLESTEROL - DIRECT <i>Method : PHOTOMETRY</i>	63.2	mg/dl	35 - 80
LDL CHOLESTEROL - DIRECT <i>Method : PHOTOMETRY</i>	▼ 62.4	mg/dl	85-130
VLDL CHOLESTEROL <i>Method : PHOTOMETRY</i>	26.4	mg/dl	5 - 40
TC/ HDL CHOLESTEROL RATIO <i>Method : CALCULATED</i>	▼ 2.41	Ratio	3 - 5
LDL / HDL RATIO <i>Method : CALCULATED</i>	▼ 0.99	Ratio	1.5-3.5
HDL / LDL Ratio <i>Method : CALCULATED</i>	▲ 1.01	Ratio	> 0.3
NON-HDL CHOLESTEROL <i>Method : CALCULATED</i>	88.8	mg/dl	<160

Method : Tests were performed using Automated Biochemistry analyzer by Transasia.

1. Triglycerides: When triglycerides are very high greater than 1000 mg/dL, there is a risk of developing pancreatitis in children and adults. Triglycerides change dramatically in response to meals, increasing as much as 5 to 10 times higher than fasting levels just a few hours after eating. Even fasting levels vary considerably day to day. Therefore, modest changes in fasting triglycerides measured on different days are not considered to be abnormal.

2. HDL-Cholesterol: HDL- C is considered to be beneficial, the so-called "od" cholesterol, because it removes excess cholesterol from tissues and carries it to the liver for disposal. If HDL-C is less than 40 mg/dL for men and less than 50 mg/dL for women, there is an increased risk of heart disease that is independent of other risk factors, including the LDL-C level. The NCEP guidelines suggest that an HDL cholesterol value greater than 60 mg/dL is protective and should be treated as a negative risk factor.

3. LDL-Cholesterol: Desired als for LDL-C levels change based on individual risk factors. For young adults, less than 120 mg/dL is acceptable. Values between 120-159 mg/dL are considered Borderline high. Values greater than 160 mg/dL are considered high. Low levels of LDL cholesterol may be seen in people with an inherited lipoprotein deficiency and in people with hyperthyroidism, infection, inflammation, or cirrhosis.



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Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

URINE**URINE EXAMINATION****PHYSICAL EXAMINATION**

Quantity	20	ml	
Color	Pale Yellow		Pale Yellow
Odour	Absent		Absent
Appearance	Slightly Turbid		
Deposit	Absent		

CHEMICAL EXAMINATION

Reaction	Alkaline
Sugar (Fasting)	Nil
Sugar (PP / R)	Nil
Albumin	Absent
Acetone	Absent
Blood Pigment	Absent
Bile Pigment	Absent
Bile Salt	Absent
Urobilinogens	Normal
Excess of Phosphates	Absent

MICROSCOPIC EXAMINATION

Leucocyte	Absent
Epithelial Cell	Absent
Crystals	Absent
Casts	Absent
Other	Absent
Grams Staining	Absent

----- End of report -----



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Digital Chest- X -Ray Report (P.A)

Name: Nitesh Singh 13000676	Age/Sex: 27/ M	Date: 22/10/2024
--------------------------------	----------------	------------------

Report:-

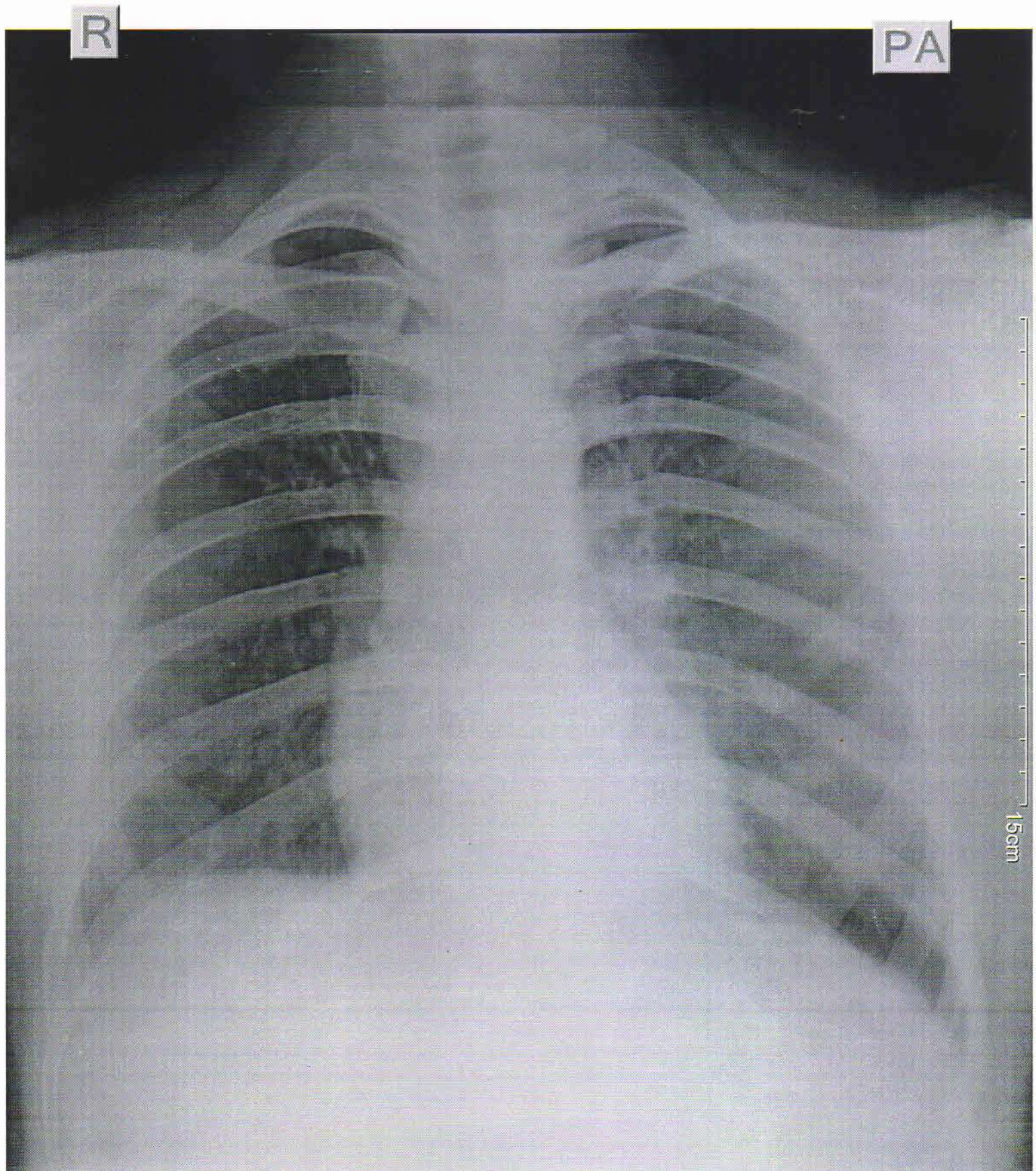
- Both Costophrenic and cardiophrenic angles appear normal.
- B/L Visualized Lung Fields appears normal.
- Soft tissues of chest wall appear normal.
- B/l Hila & Broncho Vascular markings appear normal.
- Bony thoracic cage appears normal.
- Cardiac Silhouette appears normal.
- Trachea is central.

Please correlate clinically.

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Dr. VIKAS CHANDHARY
M.B.B.S., A.F.H., D.M.R.D.
Occupational Health Physician



SAFETY HEALTH CARE (ISO 9001:2015 Certified)**Occupational Health Examination Record**

I. Name of Employee: Raveen Kumar Age/Sex: 36/M
 II. Mobile Number: 9056586409 Emp. Code: SIS-40008

III. Occupational history :-

इस उद्योग में काम करने की अवधि	खाँसी व सांस फूलती है (हाँ/नहीं)	बीड़ी/सिगरेट या शराब पीते हैं (हाँ/नहीं)	कभी टीबी का इलाज हुआ है या चल रहा है (हाँ/नहीं)
10Y	+	+	+

III. History of past illness :-

Hypertension, Diabetes, any Trauma if any :

IV. Present complaints if any :

V. General Physical Examination:-

1. Height: 166 Cms 2. Weight: 80 Kg 3. Pulse: 78 / Min 4. B.P: 120/80 mm of Hg
 5. SpO2: 99 % 6. Temp: 97 F 7. BMI: 29.7 Kg/M²

VI. Systemic Examination

1. Chest Auscultation:

2. CVS: S1 S2

3. Eye Test : Vision for Distance & Near

6/9 (C 2/155)
 6/9 (C 9/155)

N-6
 N-6

Colour Vision:- WNLVII. Blood Sugar (F) (P.P) 125

Other Investigations (Reports Attached)

Name & Address of Industry:

Date of examination:

22/10/24

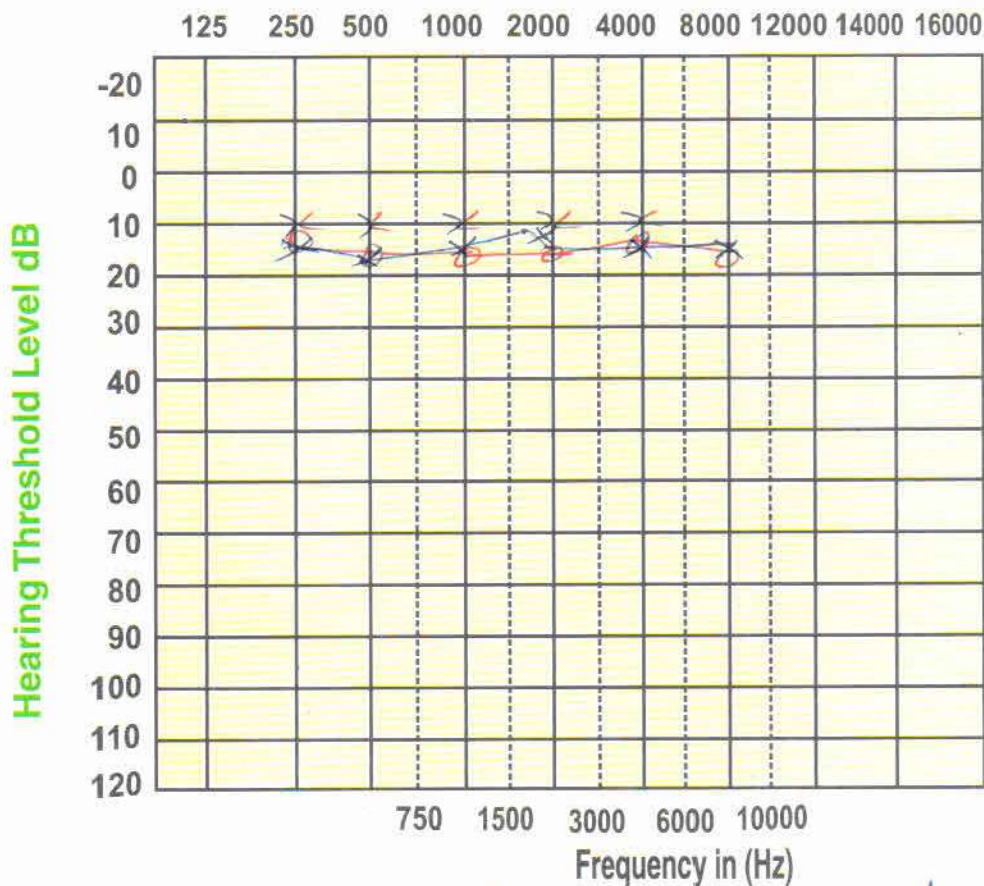
For Safety Health Care

Dr. VIKAS CHAUDHARY
 M.B.B.S., A.F.I.H., D.M.R.D.
 Occupational Health Physician
 (Occupational Health Physician)

Employee's safety & healthcare at workplace

Dabua Colony, Sec.-50, Faridabad | Mob. : 9910234112, 9717591112

E-mail : safetyhealthcare2@yahoo.com, deeptibhatiaa@gmail.com | www.safetyhealthcare.co.in

SAFETY HEALTH CARE (ISO 9001:2015 Certified)**AUDIOGRAM**Name : Praveen Kumar Age/Sex : 36/M Date : 22/10/24 Emp. Code SIS-40002ऑडियोग्राम
Audiogramऑडियोग्राम कुंजी
Audiogram Key

Right	AC	Left
○	Unmasked	X
△	Masked	□
○↙	Unmasked no response	X↙
△↙	Masked no response	□↙
BC		
<	Unmasked	>
[Masked]
↙	Unmasked no response	↙
↓	Masked no response	↓
Sound Field		S
Sound Field no response		S↙

Diagnosis : B/L Normal Hearing Sensitivity

Advice :

Audiologist



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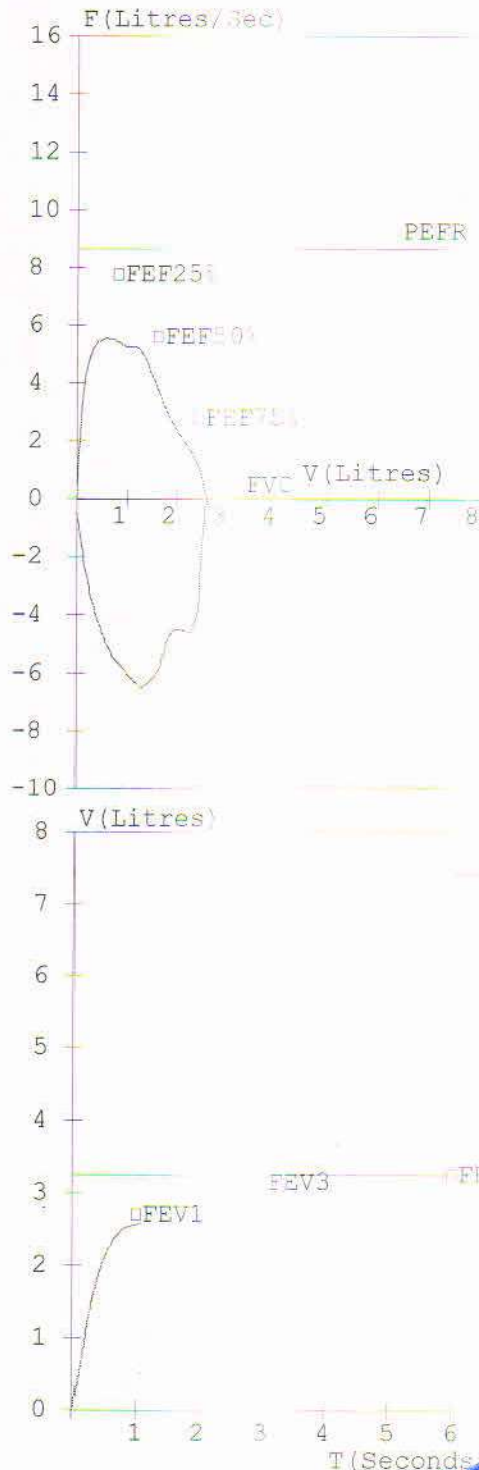
SAFETY HEALTH CARE

Multispecialist Hospital Dabua Colony, Sec-50, Faridabad

Patient: PRAVEEN KUMAR
Refd. By:
Pred. Eqns: RECORDERS
Date : 22-Oct-2024 11:42 AM

Age : 36 Yrs
Height : 165 Cms
Weight : 80 Kgs
ID : SIS 36N

Gender : Male
Smoker : No
Eth. Corr: 100
Temp :



FEV1 %Pred	COPD SEVERITY
125	NORM
100	
75	MODERATE
50	SEVERE
25	VERY SEVERE
RES	RES

FVC%Pred	Interpretation
125	NORM
100	
75	
50	
25	MIXED
RES	RES

FVC Results							
Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp	
FVC (L)	03.26	02.59	079	----	----	----	
FEV1 (L)	02.71	02.59	096	----	----	----	
FEV1/FVC (%)	83.13	100.00	120	----	----	----	
FEV25-75 (L/s)	04.02	04.21	105	----	----	----	
PEFR (L/s)	08.64	05.53	064	----	----	----	
FI25 (L)	----	02.63	----	----	----	----	
FEV1.5 (L)	----	02.12	----	----	----	----	
FEV3 (L)	03.16	02.59	082	----	----	----	
PIFR (L/s)	----	06.45	----	----	----	----	
FEV75-85 (L/s)	----	02.09	----	----	----	----	
FEV1.2-1.2 (L/s)	06.91	05.23	076	----	----	----	
FEV25% (L/s)	07.78	05.42	070	----	----	----	
FEV50% (L/s)	05.61	04.99	089	----	----	----	
FEV75% (L/s)	02.81	02.52	090	----	----	----	
FEV1.5/FVC (%)	----	81.85	----	----	----	----	
FEV3/FVC (%)	96.93	100.00	103	----	----	----	
FEV1 (Sec)	----	01.06	----	----	----	----	
Exp Time (Sec)	----	00.08	----	----	----	----	
Lung Age (Yrs)	036	037	103	----	----	----	
FEV6 (L)	03.26	----	----	----	----	----	
FI25% (L/s)	----	04.53	----	----	----	----	
FI50% (L/s)	----	06.44	----	----	----	----	
FI75% (L/s)	----	05.00	----	----	----	----	

Test COPD Severity

FEV1 Within normal limits

Pre Medication Report Ind
Early Small Airway Obstruction as FEV1 %Pred or PEFR %Pred < 70
Mild Restriction as (FEV1/FVC) %Pred < 80 and FVC%Pred < 80



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• **SMS Multispeciality Hospital**

Sec-3, Ballabhgarh, Faridabad

• **DD Diagnostic & Viapath Lab**

Sec 10, Gurugram, (NABL Accredited)

• **Wellcare & CRL Diagnostic** (NABL Accredited) Lab

Badarpur, Delhi

Patient Name : **MR. PRAVEEN KUMAR**

Age & Sex : 36 Yrs | Male

Address : J.K CEMENT JHAJJAR

Referred By : **SELF**Lab ID. No. : **2245**

Collection Date : 26-10-2024

Reporting Date : 26-10-2024

UHID : SIS40008



Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

HEMATOLOGY**COMPLETE BLOOD COUNT (CBC)**

Hemoglobin	14.2	g/dL	13.5-17.5
Total Leukocyte Count (TLC)	11000	/ cumm	4,500-11,000
Differential Leucocyte Count (DLC)			
Neutrophils	59	%	35-66
Lymphocytes	36	%	24-44
Monocytes	▼ 03	%	4-10
Eosinophils	02	%	0-3
Red Blood Count (RBC)	▼ 3.65	million/ μ l	4.5 - 5.9
Packed Cell Volume (PCV)	43.2	%	37-53
Mean Corpuscular Volume (MCV)	▲ 118.4	fL	80 - 100
Mean Corpuscular Hemoglobin (MCH)	▲ 38.9	pg	26 - 34
Mean Corpuscular Hb Concentration (MCHC)	32.9	g/dL	32 - 36
Platelet Count	167	thou/ μ l	150 - 410
ESR	15	mm/hr	00 - 20

BIOCHEMISTRY

Total Bilirubin	0.9	mg/dL	Adults : upto 1.2 mg/dl Infants : 0.2 - 8 mg/dl
Direct Bilirubin	0.3	mg/dL	upto 0.4 mg/dl
Indirect Bilirubin	0.6	mg/dL	0.1 - 1.0 mg/dl



DR. JYOTI GOEL
Consultant Microbiologist

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DR. R. KUMAR (MBBS)
MDPATHOLOGY

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Age & Sex : 36 Yrs | Male

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Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

KIDNEY FUNCTION TEST

Urea	36.3	mg/dL	15.0 - 55.0
Creatinine	0.9	mg/dL	0.60 - 1.50
Uric acid	3.6	mg/dL	2.5 - 7.2
Sodium	138	mEq/L	135 - 145
Potassium	3.8	mEq/L	3.50 - 5.10
BUN (Blood Urea Nitrogen)	17	mg/dl	6.0-20.0
BUN/Creatinine Ratio	18.9	Ratio	10.0 - 20.0
Urea/Creatinine Ratio	40.33	Ratio	

Method : Automated Spectrophotometry Based Assay & Electrolyte Analyzer.

The kidneys play several vital roles in maintaining health. One of their most important jobs is to filter waste materials from the blood and expel them from the body as urine. They also produce and release erythropoietin (EPO), which stimulates the bone marrow to make red blood cells, renin, which helps control blood pressure, and calcitriol, the active form of vitamin D, which is needed to maintain calcium for teeth and bones and for normal chemical balance in the body. Among the important substances the kidneys help to regulate are sodium, potassium, chloride, bicarbonate, calcium, phosphorus, and magnesium. The right balance of these substances is critical. When the kidneys are not working properly, waste products and fluid can build up to dangerous levels in the blood, creating a life-threatening situation. Kidney function tests are common lab tests used to evaluate how well the kidneys are working.



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Age & Sex : 36 Yrs | Male

Address : J.K CEMENT JHAJJAR

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Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

LIPID PROFILE

TOTAL CHOLESTEROL Method : PHOTOMETRY	136	mg/dl	125 - 200
TRIGLYCERIDES Method : PHOTOMETRY	122	mg/dl	25 - 200
HDL CHOLESTEROL - DIRECT Method : PHOTOMETRY	66.3	mg/dl	35 - 80
LDL CHOLESTEROL - DIRECT Method : PHOTOMETRY	▼ 45.3	mg/dl	85-130
VLDL CHOLESTEROL Method : PHOTOMETRY	24.4	mg/dl	5 - 40
TC/ HDL CHOLESTEROL RATIO Method : CALCULATED	▼ 2.05	Ratio	3 - 5
LDL / HDL RATIO Method : CALCULATED	▼ 0.68	Ratio	1.5-3.5
HDL / LDL Ratio Method : CALCULATED	▲ 1.46	Ratio	> 0.3
NON-HDL CHOLESTEROL Method : CALCULATED	69.7	mg/dl	<160

Method : Tests were performed using Automated Biochemistry analyzer by Transasia.

1. Triglycerides: When triglycerides are very high greater than 1000 mg/dL, there is a risk of developing pancreatitis in children and adults. Triglycerides change dramatically in response to meals, increasing as much as 5 to 10 times higher than fasting levels just a few hours after eating. Even fasting levels vary considerably day to day. Therefore, modest changes in fasting triglycerides measured on different days are not considered to be abnormal.

2. HDL-Cholesterol: HDL- C is considered to be beneficial, the so-called "good" cholesterol, because it removes excess cholesterol from tissues and carries it to the liver for disposal. If HDL-C is less than 40 mg/dL for men and less than 50 mg/dL for women, there is an increased risk of heart disease that is independent of other risk factors, including the LDL-C level. The NCEP guidelines suggest that an HDL cholesterol value greater than 60 mg/dL is protective and should be treated as a negative risk factor.

3. LDL-Cholesterol: Desired als for LDL-C levels change based on individual risk factors. For young adults, less than 120 mg/dL is acceptable. Values between 120-159 mg/dL are considered Borderline high. Values greater than 160 mg/dL are considered high. Low levels of LDL cholesterol may be seen in people with an inherited lipoprotein deficiency and in people with hyperthyroidism, infection, inflammation, or cirrhosis.



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 Age & Sex : 36 Yrs | Male
 Address : J.K CEMENT JHAJJAR
 Referred By : **SELF**

Lab ID. No. : **2245**
 Collection Date : 26-10-2024
 Reporting Date : 26-10-2024
 UHID : SIS40008



Test Name	Results	Units	Reference range
-----------	---------	-------	-----------------

URINE**URINE EXAMINATION****PHYSICAL EXAMINATION**

Quantity	20	ml	
Color	Pale Yellow		Pale Yellow
Odour	Absent		Absent
Appearance	Slightly Turbid		
Deposit	Absent		

CHEMICAL EXAMINATION

Reaction	Alkaline
Sugar (Fasting)	Nil
Sugar (PP / R)	Nil
Albumin	Absent
Acetone	Absent
Blood Pigment	Absent
Bile Pigment	Absent
Bile Salt	Absent
Urobilinogens	Normal
Excess of Phosphates	Absent

MICROSCOPIC EXAMINATION

Leucocyte	Absent
Epithelial Cell	Absent
Crystals	Absent
Casts	Absent
Other	Absent
Grams Staining	Absent

----- End of report -----



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Badarpur, Delhi

**Digital Chest- X -Ray Report (P.A)**

Name: Praveen Kumar 40002/SIS SECURITY	Age/Sex: 36/ M	Date: 22/10/2024
-------------------------------------------	----------------	------------------

Report:-

- Both Costophrenic and cardiophrenic angles appear normal.
- B/L Visualized Lung Fields appears normal.
- Soft tissues of chest wall appear normal.
- B/l Hila & Broncho Vascular markings appear normal.
- Bony thoracic cage appears normal.
- Cardiac Silhouette appears normal.
- Trachea is central.

Please correlate clinically.**Not for Medico legal Purpose**

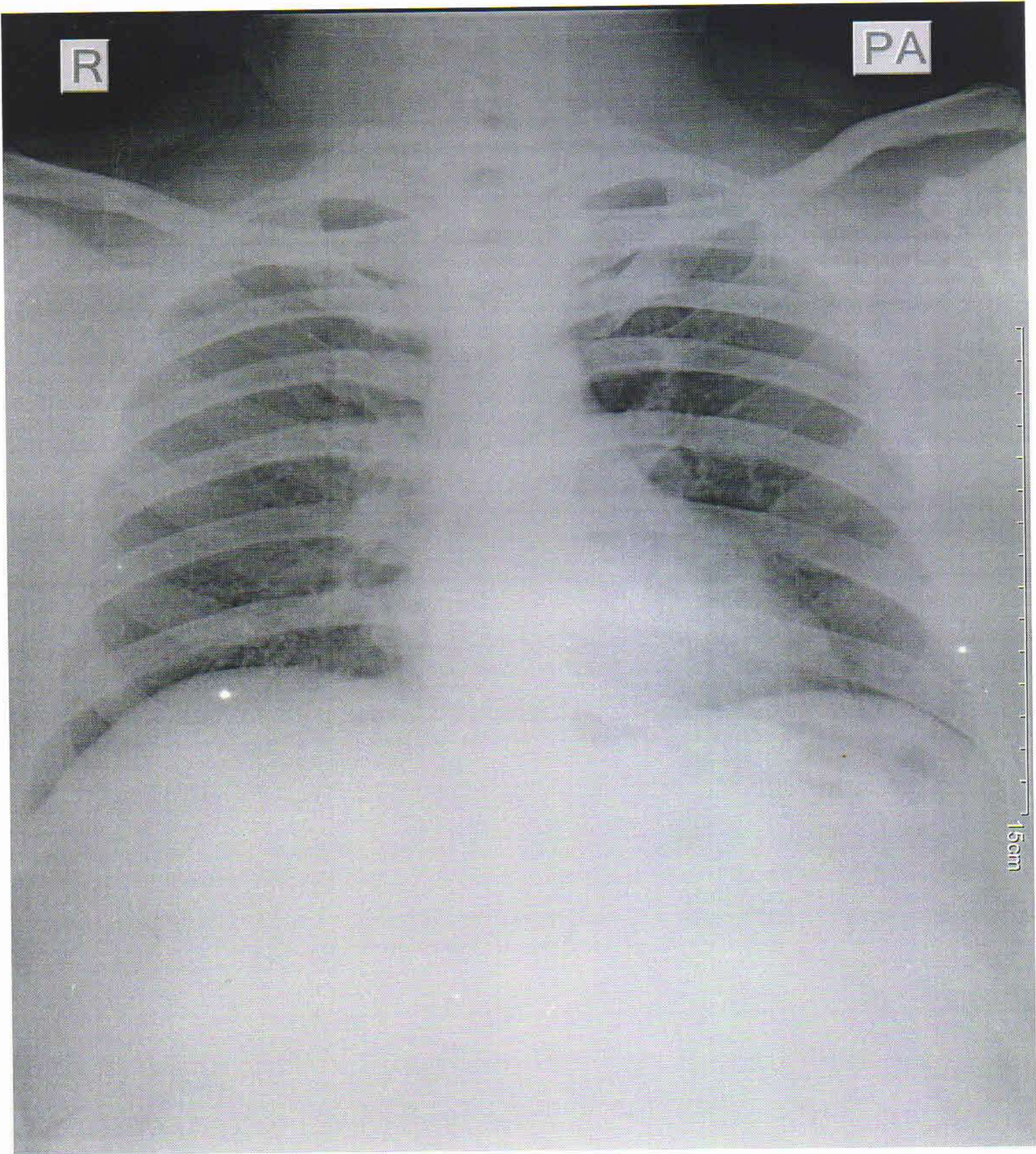
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15cm

Ref. No.: JKJharli/PC/993

Dated: 14th September 2024

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 2023 - 2024 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 2023 – 24 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

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Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinar (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 2023- 24, ending the 31st March' 2024

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	23.09.2023

PART-B

WATER AND RAW MATERIAL CONSUMPTION

i. WATER CONSUMPTION (in m3/day)

Process : 6.5 m3/day

Domestic : 26.55 m3/day

Name of products	Process water consumption per unit of products	
	During the previous financial year (2022-23) (KL/MT)	During the current financial year (2023-24) (KL/MT)
1. Cement	0.0005	0.0014
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 (2022-23)	During the current financial year (2023-24)
Clinker	Cement	0.55	0.55
Gypsum		0.09	0.1
Fly ash %		0.31	0.32
Pond ash %		0.04	0.02
Silica Sand	Tile Adhesive	0.67	0.63
Cement		0.30	0.33
Fly Ash		0.01	0.01
Others (Mecellose FMC, Vinnapass, Marble powder, Metakaoline etc.)		0.02	0.02

PART-C

POLLUTION DISCHARGE TO ENVIRONMENT / UNIT OF OUTPUT

Pollutants	Quantity of pollutants discharged (Ton/Day)	Concentration of pollutants in discharge (mg/Nm ³)	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 wastewater 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 (2022-23) (KL)	During current financial year (2023-24) (KL)

(a) From Process	Used Oil (Cat. 5.1) – 3.74 MT	Used Oil (Cat. 5.1) – 1.540 MT
		Contaminated Cotton Rags -0.200 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 (2022-23) (MT/Year)	During current financial year (2023-24) (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 (2022-23) (MT/Year)	During current financial year (2023-24) (MT/Year)
Metal Scrap	217.25	109.34
Plastic Scrap	41.29	127.84
Empty Drums	0	1.00
Wooden scrap	0	0
Cable scrap	0	0
Paper Waste	0	0
Torn PP Bags & other misc. Plastic Waste	0	0
E-waste (Old computers, printers, circuit boards etc.)	3.22	3.82
Spent Batteries	1.37	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 15250 plants planted till March - 2024 and 107400 m² area has been covered (36.85% area) under green belt.

Yours faithfully,
For JK Cement Works, Jharli


Unit Head
J.K. Cement Works
Jharli

Authorized signatory

J.K.Cement Works, Jharli (Haryana)
STP Treated Water Analyses Result for FY: 2023-24

S. No.	Parameter	I st Quarter	II nd Quarter	III rd Quarter	IV th Quarter
1	Chemical Oxygen Demand (COD)(mg/l)	71.58	36	31	31
2	Bio-Chemical Oxygen Demand (BOD) (3 Days at 270C) (mg/l)	25.14	8	8	8
3	Total Suspended Solids (TSS) (mg/l)	14	12.8	12.4	16.5
4	Oil & Grease (mg/l)	0.69	BDL(DL-3.0)	BDL(DL-3.0)	BDL(DL-3.0)

J.K.Cement Works, Jharli (Haryana)

Cement Mill Stack Emission Monitoring Result for FY: 2023-24

Month	Air Pollution Control Device	Standard Limit PM - mg/NM3	Cement Mill PM - mg/NM3
Apr-23	Bag House	30.00	4.40
May-23	Bag House	30.00	4.51
Jun-23	Bag House	30.00	4.50
Jul-23	Bag House	30.00	5.10
Aug-23	Bag House	30.00	4.60
Sep-23	Bag House	30.00	4.50
Oct-23	Bag House	30.00	4.30
Nov-23	Bag House	30.00	5.40
Dec-23	Bag House	30.00	4.10
Jan-24	Bag House	30.00	3.80
Feb-24	Bag House	30.00	3.89
Mar-24	Bag House	30.00	1.35

J.K.Cement Works, Jharli (Haryana)

Ambient Air Quality Monitoring Result (Monthly Average Data in µg/M3) for FY: 2023-24

Month	Near Gate No. 1				Near Gate No. 2				Near Railway Line Side				Near Wagon Tippler			
	PM2.5	PM10	NO _x	SO ₂	PM2.5	PM10	NO _x	SO ₂	PM2.5	PM10	NO _x	SO ₂	PM2.5	PM10	NO _x	SO ₂
April' 23	34.0	53.5	19.9	7.3	33.3	52.9	20.3	7.4	36.9	53.7	21.0	7.8	33.3	55.0	21.5	7.4
May' 23	36.2	54.0	22.5	8.4	31.4	52.0	21.7	8.3	36.9	52.8	23.0	7.7	31.3	54.0	23.7	7.8
June' 23	37.8	58.5	22.9	9.9	36.6	57.3	22.2	9.7	36.6	57.2	23.3	9.7	38.3	57.1	23.6	9.8
July' 23	34.2	54.0	19.7	8.6	34.0	53.1	20.8	8.8	31.5	48.9	18.0	7.7	31.4	47.5	17.9	7.7
Aug' 23	34.8	53.4	21.0	9.0	35.4	54.8	21.7	9.1	31.8	49.9	18.9	8.1	31.4	48.4	18.3	8.0
Sept.' 23	34.9	53.4	21.7	8.9	35.2	54.4	22.6	9.2	31.6	51.0	19.4	8.1	30.6	49.0	18.2	7.9
Oct.' 23	45.3	66.1	24.8	10.2	45.9	66.3	25.0	10.2	42.8	61.3	22.0	8.9	43.8	62.9	22.2	9.0
Nov.' 23	55.2	82.2	32.0	12.2	56.1	77.3	33.3	13.1	52.8	89.0	30.4	11.2	37.9	91.5	31.6	11.9
Dec.' 23	37.9	58.1	29.5	10.9	39.1	58.5	29.5	11.4	35.0	51.0	26.6	9.5	38.3	57.3	28.3	10.3
Jan.' 24	39.9	59.3	29.3	11.0	41.1	61.9	29.9	11.5	35.6	54.8	25.8	9.2	38.8	59.4	27.0	10.0
Feb.' 24	39.7	60.9	26.0	10.5	40.4	61.3	26.8	10.6	36.3	56.5	23.8	8.6	41.5	62.3	24.8	9.4
March' 24	35.1	53.8	23.0	9.0	35.5	54.4	23.6	9.3	33.0	50.9	20.9	8.3	37.7	57.6	23.0	8.9
Average	39.5	60.0	25.0	10.0	39.9	59.9	25.5	10.3	36.7	57.0	22.9	8.9	37.0	59.3	23.5	9.3

J.K.Cement Works, Jharli (Haryana)

Ambient Noise Monitoring Result in dB(A) for FY: 2023-24

Location	Gate No -1		Gate No -2		Railway Line Side		Near Wagon Tippler	
Month	Day	Night	Day	Night	Day	Night	Day	Night
Apr-23	57.9	49.6	55.7	48.5	61.6	54.7	53.3	47.7
	54.5	47.3	63.5	58.1	66.3	56.1	60.6	51.9
May-23	54.8	45.5	53.6	60.5	57.5	53.6	57.4	49.7
	56.4	49.3	44.5	54.1	62.3	58.2	57.5	47.8
Jun-23	58.8	50.2	57.2	49.6	59.8	53.8	64.2	62.5
	59.6	56.8	61.3	58.3	62.5	60.6	63.2	63.8
Jul-23	61.4	54.3	60.2	53.8	58.2	52.6	59.2	58.4
	62.7	56.5	62.4	56.2	57.9	53.1	58.4	55.9
Aug-23	63.2	55.8	61.2	54.9	59.2	53.9	58.2	56.9
	64.1	58.1	63.2	58.6	59.4	54.2	59.8	56.1
Sep-23	65.8	57.9	64.9	58.2	60.1	55.2	60.4	58.1
	64.9	59.4	66.2	61.3	57.4	55.3	62.3	57.3
Oct-23	66.7	62.3	65.2	60.2	59.4	56.3	61.6	60.3
	67.5	63.4	66.7	60.7	60.8	57.4	63.7	61.9
Nov-23	68.3	65.2	66.3	63.4	61.2	59.4	61.6	58.3
	69.2	64.2	67.8	62.4	60.2	56.8	65.3	62.1
Dec-23	69.1	66.2	67.2	64.5	62.8	60.2	65.4	62.4
	70.2	65.3	68.2	64.9	61.8	55.4	64.8	61.5
Jan-24	70.8	67.3	68.2	65.8	61.9	59.6	67.2	64.9
	69.7	64.9	67.2	63.5	60.4	56.1	65.9	63.4
Feb-24	71.3	66.3	69.6	66.2	63.4	60.3	72.5	68.1
	68.1	65.7	70.6	64.3	61.6	57.5	68.7	62.6
Mar-24	70.6	65.3	68.8	64.8	61.5	59.6	67.4	64.5
	66.9	64.2	69.4	65.1	58.6	56.2	69.5	64.2
Average	64.7	59.2	63.7	59.9	60.7	56.5	62.8	59.2

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 070452323000008 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

SINGLE USE PLASTIC BAN DISPLAYED AT VARIOUS LOCATIONS

