

Ref. No. JK/Jharli/PC/973

Dated – 23<sup>rd</sup> November, 2023

To,  
The Member Secretary  
State Level Environmental Impact  
Assessment Authority, Bay No. 55-58  
1<sup>st</sup> 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 2023 to September 2023.**

**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 2023 to September 2023** 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 spread 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.)

  
Sameer Kumar Pujari  
(Unit Head & Authorized Signatory)

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.

Corporate Office

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

**JK SUPER  
CEMENT**  
BUILD SAFE

Manufacturing Units at :

Nimbahera, Mangrol, Gotan (Rajasthan) | Mudrapur (Karnataka)  
Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinar (Gujarat)

**JK CEMENT  
WallMaxX**  
White Cement Wall Putty



**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 2023 to September 2023 Dated:23.11.2023**

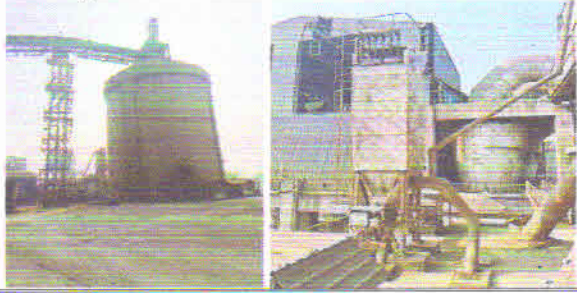


**Part A. - Specific Conditions**

Sr. No.	Condition	Reply																																																	
1.	Particulate emission shall be controlled within 50 mg/Nm³ by installing adequate air pollution control system viz. Bag House filters and stacks of adequate height etc. Data on ambient air, fugitive and stack emissions shall be submitted to the Ministry's Regional Office at Chandigarh, SEIAA Haryana, HSPCB, Panchkula and CPCB regularly.	<p>Being Complied.</p> <p>Bag house and bag filters has been provided at various points and Particulate emission is being maintained well within prescribed limit. Ambient air, fugitive and stack emissions monitoring reports is being submitted regularly to the Ministry's Regional Office at Chandigarh, SEIAA Haryana, HSPCB, Panchkula and CPCB. Copy of Monitoring reports are enclosed as <b>Annexure-1</b>.</p> <p>Six monthly (April 2023-September 2023) 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>35.3</td><td>54.5</td><td>21.3</td><td>8.7</td></tr><tr><td>L2</td><td>34.3</td><td>54.1</td><td>21.5</td><td>8.7</td></tr><tr><td>L3</td><td>34.2</td><td>52.2</td><td>20.6</td><td>8.2</td></tr><tr><td>L4</td><td>32.7</td><td>51.8</td><td>20.5</td><td>8.1</td></tr></table> <p>Location:- L1- Near Gate-1, L2- Near Gate -2, L3- Near railway line side and L4- Near Wagon tippler</p> <p>Six monthly (April 2023-September 2023) 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 2023</td><td>4.40</td></tr><tr><td>May 2023</td><td>4.51</td></tr><tr><td>June 2023</td><td>4.50</td></tr><tr><td>July 2023</td><td>5.10</td></tr><tr><td>August 2023</td><td>4.60</td></tr><tr><td>September 2023</td><td>4.50</td></tr></table> <p>Six monthly (April 2023-September 2023) 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>423.295</td></tr><tr><td>Fly Ash Silo</td><td>409.385</td></tr><tr><td>Unloading Area</td><td>436.545</td></tr><tr><td>Near Cement Mill</td><td>498.610</td></tr></table>	Location	PM2.5	PM10	NO2	SO2	L1	35.3	54.5	21.3	8.7	L2	34.3	54.1	21.5	8.7	L3	34.2	52.2	20.6	8.2	L4	32.7	51.8	20.5	8.1	Location/Month	Cement Mill	April 2023	4.40	May 2023	4.51	June 2023	4.50	July 2023	5.10	August 2023	4.60	September 2023	4.50	Location	SPM	Packing Area	423.295	Fly Ash Silo	409.385	Unloading Area	436.545	Near Cement Mill	498.610
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2.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16 <sup>th</sup> November, 2009 should be followed.	Being Complied. <b>Please refer annexure-1</b>																																																	



**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 2023 to September 2023 Dated:23.11.2023**

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. <b>Please refer annexure-1</b>
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 area. To control fugitive emission due to vehicle movement paved road has been constructed and vacuum road sweeping machine is in practiced regularly. Cement, Fly ash and clinker are being stored in silos. Covered shed has been provided for raw material storage. Covered conveyors belt has been provided for the transportation of the raw material. 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 road has been constructed and vacuum road sweeping machine is in practice and water spray is being carried out regularly at loading/unloading area to control fugitive emission. Photographs of paved road and water spray.</p> <p>Ambient air quality parameters are being monitored regularly and result are well within limit. <b>For results please refer annexure-1.</b></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 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.	<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 under Control Certificate (PUC) to transport the raw material within the Plant site.</p> 



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7.	Total ground water requirement for the Cement plant shall not exceed 300 m <sup>3</sup> /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. Total water consumption will not have exceeded 95 m <sup>3</sup> /day. Treated waste water is being reused in process and green belt development within the Plant site only. Being a dry process-based industry there is no any 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 has 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 is 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 total project area is 9.45 ha. Total 15250 plants have been planted till date Sept-23 with 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 area. Details of CSR/CER expenditure is enclosed as <b>Annexure-2.</b> <b>CSR Expenditure Apr-23 to Sept-23</b> <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>161420</td></tr> <tr> <td>2</td><td>Education</td><td>50000</td></tr> <tr> <td>3</td><td>Livelihood</td><td>0</td></tr> <tr> <td>4</td><td>Environment</td><td>175000</td></tr> <tr> <td>5</td><td>Rural Transformation</td><td>84000</td></tr> <tr> <td align="center" colspan="2"><b>Total</b></td><td><b>470420</b></td></tr> </tbody> </table>	S. No.	CSR Head	Amount in Rs. Lakhs	1	Health	161420	2	Education	50000	3	Livelihood	0	4	Environment	175000	5	Rural Transformation	84000	<b>Total</b>		<b>470420</b>
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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.	Complied.																					
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	Being complied We have installed the STP of adequate capacity for treatment of the sewage to the prescribed standards including odour and treated effluent is																					



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	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	being recycled and reused in horticulture to achieve zero exit discharge. STP installation has been certified by M/s Apex Water. Installed STP does not require filter back wash. STP water analysis report is attached as <b>annexure-1</b>
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.	Being Complied																																			
(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 <sup>th</sup> 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 Ministry on 19 <sup>th</sup> May, 1993. <b>For results please refer annexure-1.</b>																																			
(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 <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> 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 has been established in consultation with the SPCB and regular monitoring has been carried out for parameter PM <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> . Monitoring reports is being submitted regularly to SEIAA including Regional Office MoEF, GOI at Chandigarh the HSPCB Panchkula once in six months. <b>For results please refer annexure-1.</b>																																			
(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 levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	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 limit under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time). <b>Monthly average of ambient Noise are as (Day/Night in dB) :-</b> <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-23</td><td>56.2/ 48.4</td><td>59.6/ 53.3</td><td>63.9/ 55.4</td><td>56.9/ 49.8</td></tr><tr><td>May-23</td><td>55.6/ 47.4</td><td>49.0/ 57.3</td><td>59.9/ 55.9</td><td>57.4/ 48.8</td></tr><tr><td>June-23</td><td>59.2/ 53.5</td><td>59.3/ 54.0</td><td>61.2/ 57.2</td><td>63.7/ 63.2</td></tr><tr><td>July-23</td><td>62.1/ 55.4</td><td>62.2/ 58.8</td><td>58.1/ 52.9</td><td>58.8/ 57.2</td></tr><tr><td>Aug-23</td><td>63.7/ 57.0</td><td>62.2/ 56.8</td><td>59.3/ 54.1</td><td>59.0/ 56.5</td></tr><tr><td>Sept-23</td><td>65.4/ 58.7</td><td>65.6/ 59.8</td><td>58.8/ 55.3</td><td>61.4/ 57.7</td></tr></table>	Month	L 1	L 2	L 3	L 4	April-23	56.2/ 48.4	59.6/ 53.3	63.9/ 55.4	56.9/ 49.8	May-23	55.6/ 47.4	49.0/ 57.3	59.9/ 55.9	57.4/ 48.8	June-23	59.2/ 53.5	59.3/ 54.0	61.2/ 57.2	63.7/ 63.2	July-23	62.1/ 55.4	62.2/ 58.8	58.1/ 52.9	58.8/ 57.2	Aug-23	63.7/ 57.0	62.2/ 56.8	59.3/ 54.1	59.0/ 56.5	Sept-23	65.4/ 58.7	65.6/ 59.8	58.8/ 55.3	61.4/ 57.7
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		Location: - L1- Near Gate-1, L2- Near Gate -2, L3- Near railway line side and L4- Near Wagon tippler.																					
(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 maintained as per the Factories Act. Total 315 nos of employees have been examined from Apr- 2023 to Sept.-2023. <b>Reports are enclosed as annex. - 3.</b>																					
(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> 																					
(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 is being implemented as per recommended in EIA/EMP report. Socio- economic developmental activities like community development programmes, educational programming and drinking water supply and health care is being conducted regularly. For FY 2023-24 (up to Sep 23) Details please refer <b>annexure-2.</b></p> <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>161420</td></tr> <tr> <td>2</td><td>Education</td><td>50000</td></tr> <tr> <td>3</td><td>Livelihood</td><td>0</td></tr> <tr> <td>4</td><td>Environment</td><td>175000</td></tr> <tr> <td>5</td><td>Rural Transformation</td><td>84000</td></tr> <tr> <td align="center" colspan="2"><b>Total</b></td><td><b>470420</b></td></tr> </tbody> </table>	S. No.	CSR Head	Amount in Rs. Lakhs	1	Health	161420	2	Education	50000	3	Livelihood	0	4	Environment	175000	5	Rural Transformation	84000	<b>Total</b>		<b>470420</b>
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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 at Chandigarh. The funds so provided shall not be diverted for any other purpose.	<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-23 to Sept.-23</th></tr><tr><td>1.</td><td>APCM (Bag houses, Bag filters, Road sweeping machines,</td><td>560</td><td>4.9</td></tr><tr><td>2.</td><td>Hazardous Waste shed</td><td>1</td><td>0</td></tr><tr><td>3</td><td>STP</td><td>37</td><td>0.55</td></tr><tr><td>4.</td><td>Monitoring Cost</td><td>10</td><td>1.26</td></tr><tr><td>5.</td><td>Smog Gun</td><td>2.5</td><td>0.2</td></tr><tr><td colspan="2"><b>Total</b></td><td><b>610.5</b></td><td><b>6.86</b></td></tr></table>	Sr. No.	Unit	Capital Cost (Rs.in Lakhs )	Total Recurring Cost Rs. (Lacs) from April-23 to Sept.-23	1.	APCM (Bag houses, Bag filters, Road sweeping machines,	560	4.9	2.	Hazardous Waste shed	1	0	3	STP	37	0.55	4.	Monitoring Cost	10	1.26	5.	Smog Gun	2.5	0.2	<b>Total</b>		<b>610.5</b>	<b>6.86</b>
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<b>Total</b>		<b>610.5</b>	<b>6.86</b>																											
(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.	<p>Complied.</p> <p>EC Letter has been sent to concerned Panchayat, Zila Parishad/Municipal Corporation, Letter No. JKJharli/Env/135 dated 11<sup>th</sup>, September 2013. Urban Local Body and the local NGO vide .EC letter has already been displayed on the Company's Website too.</p>																												
(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 <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<p>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 has been monitored and displayed at Main gate of Company in the public domain.</p> 																												
(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.	<p>Half yearly compliance report including monitored data is submitted regularly to SEIAA Haryana, Regional Office of MoEF, GoI at Chandigarh and HSPCB, Panchkula in hard and soft copy. Last half yearly compliance report was submitted vide letter Dated On 25<sup>th</sup> May2023 Ref No. JKJharli/PC-01/960.</p>																												



**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 2023 to September 2023 Dated:23.11.2023**

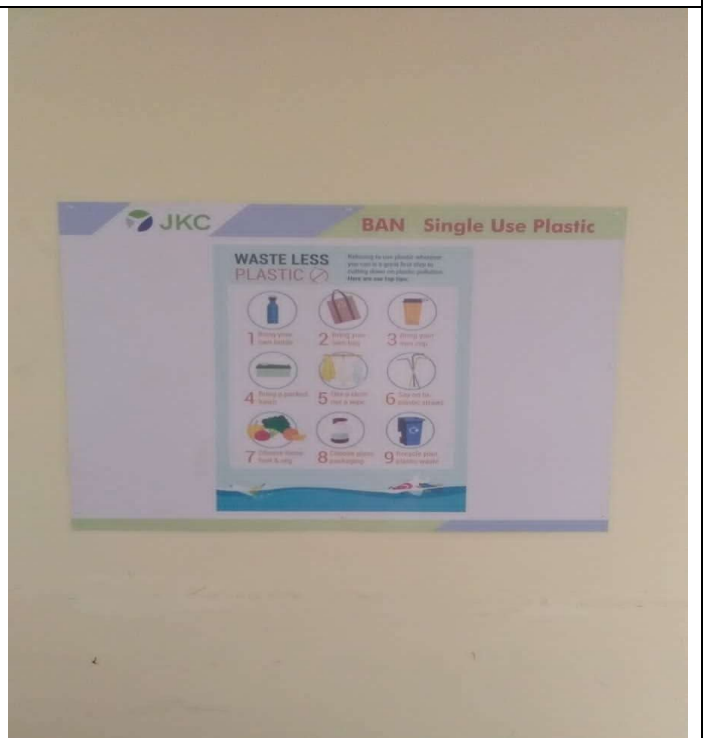
(m)	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of the compliance if environmental conditions and shall also be sent to SEIAA Haryana and regional office of the MoEF at Chandigarh by e-mail.	Environmental Statement of each financial year being prepared and submitted to the concerned State Pollution Control Board. The same being displayed on the Company's website and sent to SEIAA Haryana and regional office of the MoEF at Chandigarh by e-mail. Environment Statement report for FY 2022-23 has been submitted vide Letter No. JKJharli/PC-01/970 dated 22.09.2023 enclosed annexure 4.
(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 publish 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 and EC compliance is being uploaded regularly on company website for public awareness. The date of financial closure is 11.05.2014 and final approval of the project on 04.09.2013 by the concerned authorities SEIAA and the date of commencing the land development work is 31.03.2011. Production start 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 firefighting scheme from Haryana Fire Service Act, 2009. Copy of the same is enclosed as <b>Annexure-5</b>

  
**Unit Head**  
**J.K. Cement Works**  
**Jharli**





## SINGLE USE PLASTIC BAN DISPLAYED AT VARIOUS LOCATIONS





**J.K.CEMENT WORKS, JHARLI**  
**AMBIENT AIR QUALITY MONITORING DATA FOR PM<sub>2.5</sub>**  
**(MONTHLY AVERAGE  $\mu\text{g}/\text{M}^3$ )**  
**April-23 to Sept.-23**

MONTH	NEAR GATE NO 1	NEAR GATE NO 2	RAILWAYLOINE SIDE	NEAR WAGON TIPLER
Apr-23	37.7	34.2	40.0	28.9
	31.7	32.7	35.5	37.6
	32.6	40.1	37.2	31.2
	36.2	29.2	34.2	32.9
	30.1	33.7	39.5	28.8
	36.4	27.8	37.4	40.3
	35.3	28.0	33.5	27.7
	31.7	40.9	37.7	38.9
May-23	39.6	36.3	38.1	25.0
	33.7	35.7	32.5	39.6
	34.6	31.2	39.2	33.3
	38.2	24.3	36.2	31.0
	32.2	35.7	35.5	32.8
	39.5	29.9	39.5	30.4
	38.3	24.0	35.5	29.7
	33.7	33.9	38.7	29.0
Jun-23	37.2	39.6	34.4	34.1
	40.3	35.6	33.9	42.8
	41.4	35.6	42.6	43.8
	37.6	40.4	35.2	36.9
	34.6	32.5	39.2	37.2
	39.4	39.2	38.6	37.5
	33.4	35.0	35.6	37.8
	38.4	35.2	33.6	36.4
Jul-23	33.4	31.6	30.4	33.8
	34.8	36.2	31.9	34.8
	36.4	33.8	34.2	30.4
	33.9	35.5	33.0	30.9
	31.8	36.3	31.9	34.5
	36.4	33.5	28.4	30.3
	31.9	32.8	29.6	27.4
	34.6	31.9	32.5	29.2
Aug-23	30.9	33.4	31.5	30.6
	38.2	39.2	34.5	37.4
	35.2	34.2	33.8	31.8
	32.4	34.8	31.3	29.1
	38.2	35.8	32.4	30.8
	34.9	35.7	27.2	28.9
	33.4	36.1	30.8	30.9



Sep-23	35.2	33.8	33.1	31.8
	37.4	38.2	33.6	32.8
	36.4	37.4	31.8	33.4
	33.2	31.4	30.5	29.4
	34.5	31.9	30.5	28.4
	34.6	34.3	30.2	28.5
	35.2	36.4	29.1	28.6
	34.1	37.2	32.6	31.3
	33.6	34.5	34.5	32.1
Average	35.3	34.3	34.2	32.7

**J.K.CEMENT WORKS, JHARLI**  
**AMBIENT AIR QUALITY MONITORING DATA FOR PM10**  
**(MONTHLY AVERAGE  $\mu\text{g}/\text{M}^3$ )**  
**April-23 to Sept.-23**

MONTH	NEAR GATE NO 1	NEAR GATE NO 2	RAILWAYLOINE SIDE	NEAR WAGON TIPLER
Apr-23	55.1	50.6	48.6	55.0
	45.3	57.7	54.4	56.8
	52.1	57.8	57.0	57.4
	58.3	49.2	54.2	54.4
	53.7	55.0	58.7	53.2
	56.1	46.8	49.4	57.2
	50.2	49.2	49.3	52.4
	57.6	56.5	58.0	53.4
May-23	58.2	52.6	44.5	55.1
	48.3	52.7	59.5	52.8
	55.2	50.6	54.5	51.1
	54.4	48.2	56.2	50.3
	55.6	58.1	46.7	55.3
	48.1	49.8	52.4	57.3
	53.1	45.2	52.4	54.4
	59.6	58.5	56.1	55.5
Jun-23	58.4	56.8	55.1	57.4
	64.2	59.4	58.1	61.4
	63.1	60.2	58.4	62.5
	58.1	56.2	59.4	54.0
	53.2	57.4	61.4	56.8
	62.2	58.4	57.4	56.4
	52.8	55.4	56.1	58.1
	56.2	54.6	51.8	50.1
Jul-23	55.2	52.8	49.1	46.4
	52.4	55.7	50.6	50.9
	54.8	50.9	51.9	48.3
	56.3	52.7	49.6	47.4



	51.9	54.4	48.2	51.2
	53.9	51.4	45.9	42.6
	50.8	54.2	47.4	48.1
	56.9	52.8	48.1	45.4
Aug-23	52.8	53.9	48.6	45.8
	54.3	58.4	53.8	52.8
	51.8	53.4	52.3	50.3
	54.1	55.4	50.0	48.4
	53.9	52.3	49.6	47.2
	50.6	52.4	42.8	40.2
	52.0	55.8	49.1	51.2
	57.4	56.9	52.6	51.2
Sep-23	55.6	55.1	51.4	49.2
	53.8	54.4	54.1	51.2
	50.4	51.2	49.4	47.9
	51.8	52.8	48.4	46.1
	52.7	53.9	51.3	49.6
	53.9	55.1	48.5	46.3
	53.4	56.2	51.4	50.1
	55.4	56.1	53.1	51.8
Average	54.5	54.1	52.2	51.8

**J.K.CEMENT WORKS, JHARLI**  
**AMBIENT AIR QUALITY MONITORING DATA FOR NO2**  
**(MONTHLY AVERAGE  $\mu\text{g}/\text{M}^3$ )**  
**April-23 to Sept.-23**

MONTH	NEAR GATE NO 1	NEAR GATE NO 2	RAILWAYLOINE SIDE	NEAR WAGON TIPLER
Apr-23	15.3	23.8	22.0	26.2
	20.5	18.6	16.1	24.0
	18.3	20.6	17.9	16.3
	26.0	21.3	21.8	21.1
	18.5	16.1	20.4	25.7
	21.3	24.4	22.9	17.9
	21.3	17.7	26.3	24.6
	18.3	20.2	20.9	16.6
May-23	18.4	25.8	25.1	28.2
	22.5	16.6	14.0	26.1
	21.4	23.6	20.0	18.4
	28.1	24.2	23.8	23.0
	21.6	19.2	23.4	28.7
	23.3	26.4	24.9	19.9
	23.4	15.6	29.4	26.6
	21.3	22.2	23.9	18.6
Jun-23	22.8	24.1	19.6	20.2
	22.9	19.4	18.4	24.1



	26.4	22.4	26.8	27.4
	21.9	21.4	24.8	21.0
	19.6	18.2	24.4	20.2
	25.3	25.4	26.2	26.2
	19.2	22.4	21.4	25.2
	24.8	24.1	24.8	24.2
Jul-23	19.4	18.2	16.6	15.2
	17.6	18.3	17.5	19.4
	20.2	19.8	19.4	18.6
	21.4	22.4	19.2	18.2
	17.2	22.6	16.8	20.2
	22.9	21.8	16.5	17.1
	19.4	20.9	18.2	16.2
	19.4	22.2	19.4	18.2
Aug-23	18.2	19.5	18.2	16.8
	22.2	23.4	19.2	19.7
	21.5	20.1	18.6	19.2
	20.8	21.9	20.4	17.6
	19.2	20.4	18.2	17.9
	21.9	22.2	17.1	16.8
	20.8	22.4	18.9	18.4
	23.2	23.4	20.2	19.6
Sep-23	22.2	24.1	19.2	18.2
	22.8	24.1	20.6	18.2
	19.4	20.8	17.9	18.1
	21.7	20.6	19.2	16.9
	21.8	22.6	18.7	18.2
	22.6	23.5	18.4	17.6
	20.6	21.9	19.4	18.7
	22.2	22.8	21.8	19.9
Average	21.3	21.5	20.6	20.5

**J.K.CEMENT WORKS, JHARLI**  
**AMBIENT AIR QUALITY MONITORING DATA FOR SO<sub>2</sub>**  
**(MONTHLY AVERAGE  $\mu\text{g}/\text{M}^3$ )**

**April-23 to Sept.-23**

MONTH	NEAR GATE NO 1	NEAR GATE NO 2	RAILWAYLOINE SIDE	NEAR WAGON TIPLER
Apr-23	6.6	5.5	6.5	7.5
	8.7	5.1	6.3	7.1
	5.9	7.6	7.9	7.3
	8.3	9.0	8.6	6.9
	7.3	7.9	9.0	6.1
	6.5	8.6	7.1	9.1
	8.1	6.6	7.6	7.0
	6.8	8.7	9.6	8.1

May-23	9.6	8.5	8.4	9.5
	9.7	7.2	4.3	9.2
	7.9	9.6	9.9	9.3
	6.4	6.1	6.6	8.8
	8.4	9.6	6.1	8.2
	8.6	7.5	9.2	6.1
	7.2	8.6	9.7	5.1
	9.7	9.7	7.6	6.1
Jun-23	11.2	12.1	12.8	9.3
	11.8	8.2	7.8	12.5
	10.6	10.8	9.6	10.1
	9.6	9.2	9.6	9.8
	9.1	8.5	10.3	11.0
	9.4	8.2	10.2	9.6
	9.7	9.2	9.0	8.2
	8.1	11.6	8.2	8.1
Jul-23	8.2	7.6	7.4	7.3
	7.2	8.2	7.1	8.3
	9.1	8.6	8.2	7.9
	9.6	9.2	8.8	7.7
	8.3	9.1	7.4	8.7
	9.6	9.6	7.2	7.6
	8.2	8.7	7.9	7.5
	8.8	9.3	7.7	6.9
Aug-23	8.7	9.1	7.9	7.1
	9.7	9.1	7.9	8.5
	8.7	8.3	8.5	8.0
	9.2	9.4	8.1	7.9
	9.2	8.8	8.1	8.4
	8.9	9.2	7.8	7.4
	8.5	9.1	8.2	8.3
	9.4	9.8	8.1	8.5
Sep-23	9.3	9.6	8.3	7.6
	10.2	9.5	8.1	8.9
	8.2	8.5	7.8	7.4
	8.4	8.2	7.7	7.2
	8.7	9.4	7.9	8.3
	9.4	9.8	8.2	7.7
	8.2	8.7	8.4	8.1
	9.1	9.6	8.2	7.8
Average	8.7	8.7	8.2	8.1





## Test Report

Sample Number: VEL/A/01  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304100004  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 14/04/2023  
Period of Analysis: 10/04/2023 to 14/04/2023  
Receipt Date: 10/04/2023

Sample Description: AMBIENT AIR QUALITY MONITORING

### General Information:-

Client Representative : Mr. Kapil Agrawal (Unit Head)  
Sample collected by : Vardan EnviroLab Representative (Dilver)  
Sampling Location : Near Gate No -1  
Instrument Used : RDS & FPS sampler with all Accessories  
Instrument Code : VEL/RDS/03 & VEL/FPS/03  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 03/04/2023 to 04/04/2023  
Time of Monitoring : 24.0 hours  
Ambient Temperature (°C) : Min. 23.0°C Max. 38.0°C  
Surrounding Activity : Human, Vehicular and Cement plant activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : Water Sprinkling  
Sampling & Analysis Protocol : IS-5182 & CPCB Guideline  
Parameter Required : PM<sub>2.5</sub>, PM<sub>10</sub>, NO<sub>2</sub>, SO<sub>2</sub>

## TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>2.5</sub> )	IS:5182(P-24)	37.68	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23)	55.13	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6)	15.33	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2)	6.57	µg/m <sup>3</sup>	80

\*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

†SOP Laboratory Standard Operating Procedure



### Terms & Conditions

- The results reported relate only to the samples tested. In case sample is not drawn the results apply to the sample as received.
- This test report in full or in part, shall not be reproduced in any court of law without prior written approval of the laboratory.
- To confirm the authenticity of this certificate of analysis, please contact us through email at lab@vardan.co.in
- Laboratory is not responsible for the authenticity of photocopied test report. The test samples will be retained only for specific period
- The report no. with Suffix A-Amended Report.
- This test report will not be used for publicity or advertising or media purpose without prior written permission on the laboratory.
- Giving opinions does not imply endorsement of the tested sample by the lab. Under no circumstances, the lab accepts any liability caused by the use or misuse of the test report.





## Test Report

Sample Number: VEL/A/02  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304100005  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 14/04/2023  
Period of Analysis: 10/04/2023 to 14/04/2023  
Receipt Date: 10/04/2023

Sample Description: AMBIENT AIR QUALITY MONITORING

### General Information:-

Client Representative : Mr. Kapil Agrawal (Unit Head)  
Sample collected by : VardanEnviroLab Representative (Dilver)  
Sampling Location : Near Gate No -1  
Instrument Used : RDS & FPS sampler with all Accessories  
Instrument Code : VEL/RDS/03 & VEL/FPS/03  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 06/04/2023 to 07/04/2023  
Time of Monitoring : 24.0 hours  
Ambient Temperature (°C) : Min. 21.0°C Max. 37.0°C  
Surrounding Activity : Human, Vehicular and Cement plant activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : Water Sprinkling  
Sampling & Analysis Protocol : IS-5182 & CPCB Guideline  
Parameter Required : PM<sub>2.5</sub>, PM<sub>10</sub>, NO<sub>2</sub>, SO<sub>2</sub>

### TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>2.5</sub> )	IS:5182(P-24)	31.68	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23)	45.26	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6)	20.47	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2)	8.68	µg/m <sup>3</sup>	80

\*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

#SOP Laboratory Standard Operating Procedure



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- Laboratory is not responsible for the authenticity of photocopied test report. The test samples will be retained only for specific period
- The report no. with Suffix A-Amended Report.
- This test report will not be used for publicity or advertising or media purpose without prior written permission on the laboratory.
- Giving opinions does not imply endorsement of the tested sample by the lab. Under no circumstances, the lab accepts any liability caused by the use or misuse of the test report.







## Test Report

Sample Number: VEL/A/03  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304100006  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 14/04/2023  
Period of Analysis: 10/04/2023 to 14/04/2023  
Receipt Date: 10/04/2023

Sample Description: AMBIENT AIR QUALITY MONITORING

### General Information:-

Client Representative	: Mr. Kapil Agrawal (Unit Head)
Sample collected by	: VardanEnviroLab Representative (Dilver)
Sampling Location	: Near Gate No -2
Instrument Used	: RDS & FPS sampler with all Accessories
Instrument Code	: VEL/RDS/04 & VEL/FPS/04
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 03/04/2023 to 04/4/2023
Time of Monitoring	: 24.0 hours
Ambient Temperature (°C)	: Min. 23.0°C Max. 38.0°C
Surrounding Activity	: Human, Vehicular and Cement plant activities
Scope of Monitoring	: Regulatory Requirement
Control measure if Any	: Water Sprinkling
Sampling & Analysis Protocol	: IS-5182 & CPCB Guideline
Parameter Required	: PM <sub>2.5</sub> , PM <sub>10</sub> , NO <sub>2</sub> , SO <sub>2</sub>

## TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>2.5</sub> )	IS:5182(P-24)	34.22	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23)	50.59	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6)	23.78	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2)	5.47	µg/m <sup>3</sup>	80

\*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

#SOP Laboratory Standard Operating Procedure



### Terms & Conditions

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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/A/04  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304100007  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 14/04/2023  
Period of Analysis: 10/04/2023 to 14/04/2023  
Receipt Date: 10/04/2023

Sample Description: AMBIENT AIR QUALITY MONITORING

### General Information:-

Client Representative : Mr. Kapil Agrawal (Unit Head)  
Sample collected by : VardanEnviroLab Representative (Dilver)  
Sampling Location : Near Gate No -2  
Instrument Used : RDS & FPS sampler with all Accessories  
Instrument Code : VEL/RDS/04 & VEL/FPS/04  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 06/04/2023 to 07/04/2023  
Time of Monitoring : 24.0 hours  
Ambient Temperature (°C) : Min. 21.0°C Max. 37.0°C  
Surrounding Activity : Human, Vehicular and Cement plant activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : Water Sprinkling  
Sampling & Analysis Protocol : IS-5182 & CPCB Guideline  
Parameter Required : PM<sub>2.5</sub>, PM<sub>10</sub>, NO<sub>2</sub>, SO<sub>2</sub>

## TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>2.5</sub> )	IS:5182(P-24)	32.69	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23)	57.66	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6)	18.59	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2)	5.12	µg/m <sup>3</sup>	80

\*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

<sup>#</sup>SOP Laboratory Standard Operating Procedure



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Page 1 of 1







## Test Report

Sample Number: VEL/A/05  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304100008  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 14/04/2023  
Period of Analysis: 10/04/2023 to 14/04/2023  
Receipt Date: 10/04/2023

Sample Description: AMBIENT AIR QUALITY MONITORING

### General Information:-

Client Representative : Mr. Kapil Agrawal (Unit Head)  
Sample collected by : VardanEnviroLab Representative (Diliver)  
Sampling Location : Railway Line Side  
Instrument Used : RDS & FPS sampler with all Accessories  
Instrument Code : VEL/RDS/05 & VEL/FPS/05  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Intermittent Rain  
Date of Monitoring : 04/04/2023 to 05/04/2023  
Time of Monitoring : 24.0 hours  
Ambient Temperature (°C) : Min. 22.0°C Max. 36.0°C  
Surrounding Activity : Human, Vehicular and Rail activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : Water Sprinkling  
Sampling & Analysis Protocol : IS-5182 & CPCB Guideline  
Parameter Required : PM<sub>2.5</sub>, PM<sub>10</sub>, NO<sub>2</sub>, SO<sub>2</sub>

### TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>2.5</sub> )	IS:5182(P-24)	40.02	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23)	48.59	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6)	22.03	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2)	6.48	µg/m <sup>3</sup>	80

\*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/A/06  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304100009  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 14/04/2023  
Period of Analysis: 10/04/2023 to 14/04/2023  
Receipt Date: 10/04/2023

Sample Description: AMBIENT AIR QUALITY MONITORING

### General Information:-

Client Representative

Sample collected by

Sampling Location

Instrument Used

Instrument Code

Instrument Calibration Status

Meteorological condition during monitoring

Date of Monitoring

Time of Monitoring

Ambient Temperature (°C)

Surrounding Activity

Scope of Monitoring

Control measure if Any

Sampling & Analysis Protocol

Parameter Required

: Mr. Kapil Agrawal (Unit Head)  
: VardanEnviroLab Representative (Dilver)  
: **Railway Line Side**  
: RDS & FPS sampler with all Accessories  
: VEL/RDS/05 & VEL/FPS/05  
: Calibrated  
: Clear Sky  
: **07/04/2023 to 08/04/2023**  
: 24.0 hours  
: Min. 22.0°C Max. 36.0°C  
: Human, Vehicular and Rail activities  
: Regulatory Requirement  
: Water Sprinkling  
: IS-5182 & CPCB Guideline  
: PM<sub>2.5</sub>, PM<sub>10</sub>, NO<sub>2</sub>, SO<sub>2</sub>

## TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>2.5</sub> )	IS:5182(P-24)	35.49	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23)	54.38	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6)	16.09	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2)	6.33	µg/m <sup>3</sup>	80

\*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

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Page 1 of 1







## Test Report

Sample Number: VEL/A/07  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304100010  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 14/04/2023  
Period of Analysis: 10/04/2023 to 14/04/2023  
Receipt Date: 10/04/2023

Sample Description: AMBIENT AIR QUALITY MONITORING

### General Information:-

Client Representative	: Mr. Kapil Agrawal (Unit Head)
Sample collected by	: VardanEnviroLab Representative(Dilver)
Sampling Location	: Near Wagon Tippler
Instrument Used	: RDS & FPS sampler with all Accessories
Instrument Code	: VEL/RDS/06 & VEL/FPS/06
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Intermittent Rain
Date of Monitoring	: 04/04/2023 to 05/04/2023
Time of Monitoring	: 24.0 hours
Ambient Temperature (°C)	: Min. 22.0°C Max. 36.0°C
Surrounding Activity	: Human, Vehicular and Cement plant activities
Scope of Monitoring	: Regulatory Requirement
Control measure if Any	: Yes
Sampling & Analysis Protocol	: IS-5182 & CPCB Guideline
Parameter Required	: PM <sub>2.5</sub> , PM <sub>10</sub> , NO <sub>2</sub> , SO <sub>2</sub>

### TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>2.5</sub> )	IS:5182(P-24)	28.92	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23)	55.02	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6)	26.19	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2)	7.45	µg/m <sup>3</sup>	80

\*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/A/08  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304100011  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 14/04/2023  
Period of Analysis: 10/04/2023 to 14/04/2023  
Receipt Date: 10/04/2023

Sample Description: AMBIENT AIR QUALITY MONITORING

### General Information:-

Client Representative	: Mr. Kapil Agrawal (Unit Head)
Sample collected by	: VardanEnviroLab Representative(Dilver)
Sampling Location	: Near Wagon Tippler
Instrument Used	: RDS & FPS sampler with all Accessories
Instrument Code	: VEL/RDS/06 & VEL/FPS/06
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 07/04/2023 to 08/04/2023
Time of Monitoring	: 24.0 hours
Ambient Temperature (°C)	: Min. 22.0°C Max. 36.0°C
Surrounding Activity	: Human, Vehicular and Cement plant activities
Scope of Monitoring	: Regulatory Requirement
Control measure if Any	: Yes
Sampling & Analysis Protocol	: IS-5182& CPCB Guideline
Parameter Required	: PM <sub>2.5</sub> , PM <sub>10</sub> , NO <sub>2</sub> , SO <sub>2</sub>

## TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	NAAQS* Limit
1.	Particulate Matter (PM <sub>2.5</sub> )	IS:5182(P-24)	37.55	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23)	56.78	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (P-6)	24.02	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2)	7.12	µg/m <sup>3</sup>	80

\*NAAQS – National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009.

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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/07072023001  
Sample I.D. : SREL/AA/07072023002  
Sample Received : 07/07/2023  
Date of Issue : 10/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring  
Details of Sampling  
1. Date of Sampling : 04/07/2023 to 05/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : RDS&PM 2.5 Sampler  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near Gate No. 1

Physical Observation  
(a) Ambient temp.(Min/Max) : 26°C/35°C  
(b) Weather Cond. : Showering  
(c) Wind Direction : East to West  
(d) Sampling Flow Rate For Gases : 0.5LPM  
(e) Sampling Flow Rate For RSPM : 1.25m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 07/07/2023

Test Completed on : 10/07/2023

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	55.2	100.0	IS : 5182 P-23
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	33.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	19.4	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	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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(in case of non-perishable products only)

Checked By  
Dr. Ramesh Chandra Tripathi  
Quality manager



Authorized Signatory  
Ranbir Singh  
Technical Director





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## TEST REPORT

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Mohan Bari Road Jharli-124106  
Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/07072023002  
Sample I.D. : SREL/AA/07072023003  
Sample Received : 07/07/2023  
Date of Issue : 10/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring  
Details of Sampling :  
1. Date of Sampling : 04/07/2023 to 05/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : RDS&PM 2.5 Sampler  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near Gate No. 2  
Physical Observation :  
(a) Ambient temp.(Min/Max) : 26°C/35°C  
(b) Weather Cond. : Showering  
(c) Wind Direction : East to West  
(d) Sampling Flow Rate For Gases : 0.5 LPM  
(e) Sampling Flow Rate For RSPM/ PM-10 (Ave.) : 1.225 m<sup>3</sup>/mi

## TEST RESULTS

Test Started on : 07/07/2023

Test Completed on : 10/07/2023

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	52.8	100.0	IS : 5182 P-23
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	31.6	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	18.2	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	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

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Dr. Ramesh Chandra Tripathi  
Quality manager



Authorized Signatory  
Ranbir Singh  
Technical Director



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Email : srenvirolab@gmail.com





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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/07072023003  
Sample I.D. : SREL/AA/07072023004  
Sample Received : 07/07/2023  
Date of Issue : 10/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring  
Details of Sampling  
1. Date of Sampling : 05/07/2023 to 06/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : RDS&PM 2.5 Sampler,  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Railway Line Side

Physical Observation  
(a) Ambient temp.(Min/Max) : 26°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/ : 1.20 m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 07/07/2023

Test Completed on : 10/07/2023

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	49.1	100.0	IS : 5182 P-23
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	30.4	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	16.6	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	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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Authorized Signatory  
Ranbir Singh  
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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/07072023004  
Sample I.D. : SREL/AA/07072023005  
Sample Received : 07/07/2023  
Date of Issue : 10/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring  
Details of Sampling  
1. Date of Sampling : 05/07/2023 to 06/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : RDS&PM 2.5 Sampler,  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near Wagon Trippler

Physical Observation  
(a) Ambient temp.(Min/Max) : 26°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/ PM-10 (Ave.) : 1.20 m<sup>3</sup>/min.

## TEST RESULTS

Test Started on : 07/07/2023

Test Completed on : 10/07/2023

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	46.4	100.0	IS : 5182 P-23
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	33.8	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	15.2	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	7.3	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

Note:-

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(in case of non-perishable products only)

*Dr. Ramesh Chandra Tripathi*

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





# S & 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/08072023001  
Sample I.D. : SREL/AA/08072023001  
Sample Received : 08/07/2023  
Date of Issue : 11/07/2023  
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/35°C
1. Date of Sampling	: 06/07/2023 to 07/07/2023	(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	: Mr. Manbir	(e) Sampling Flow Rate For RSPM/	: 1.20 m <sup>3</sup> /min.
5. Duration of Sampling	: 24 Hrs.	PM-10 (Ave.)	
6. Sampling Location	: Near gate No. 1		

## TEST RESULTS

Test Started on : 08/07/2023

Test Completed on : 11/07/2023

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	52.4	100.0	IS : 5182 P-23
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	34.8	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	17.6	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	7.2	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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*Dr. Ramesh Chandra Tripathi*  
Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



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/08072023002  
Sample I.D. : SREL/AA/08072023002  
Sample Received : 08/07/2023  
Date of Issue : 11/07/2023  
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

: 06/07/2023 to 07/07/2023  
: IS:5182(P-14)  
: RDS&PM 2.5 Sampler  
: Mr. Manbir  
: 24 Hrs.  
: Near gate No. 2

Physical Observation

(a) Ambient temp.(Min/Max) : 26°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/ : 1.25m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 08/07/2023

Test Completed on : 11/07/2023

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	55.7	100.0	IS : 5182 P-23
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	36.2	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	18.3	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	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

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Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



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/10072023001  
Sample I.D. : SREL/AA/10072023001  
Sample Received : 10/07/2023  
Date of Issue : 13/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring  
Details of Sampling  
1. Date of Sampling : 07/07/2023 to 08/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : RDS&PM 2.5 Sampler  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Railway Line Side

Physical Observation  
(a) Ambient temp.(Min/Max) : 26°C/35°C  
(b) Weather Cond. : Cloudy  
(c) Wind Direction : East to West  
(d) Sampling Flow Rate For Gases : 0.5LPM  
(e) Sampling Flow Rate For RSPM/ : 1.20 m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 10/07/2023

Test Completed on : 13/07/2023

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	50.6	100.0	IS : 5182 P-23
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	31.9	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	17.5	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	7.1	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

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Checked By  
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Quality manager



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/10072023002  
Sample I.D. : SREL/AA/10072023002  
Sample Received : 10/07/2023  
Date of Issue : 13/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Ambient Air Quality Monitoring  
Details of Sampling  
1. Date of Sampling : 07/07/2023 to 08/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : RDS&PM 2.5 Sampler  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near Wagon Trippler

Physical Observation  
(a) Ambient temp.(Min/Max) : 26°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/ : 1.25 m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 10/07/2023

Test Completed on : 13/07/2023

S.No.	Parameters	Units	Results	NAAQS Limit	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	50.9	100.0	IS : 5182 P-23
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	34.8	60.0	IS : 5182 P-24
3.	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	19.4	80.0	IS : 5182 P-6
4.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	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  
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## J.K. CEMENT WORKS, JHARLI

### Ambient Noise Monitoring in dB(A) April-2023 to Sept.-2023

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
Average	60.3	53.4	59.5	56.0	60.2	55.1	59.5	55.5



# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/N/01  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/N/2304240014  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Client Representative : Mr. Kapil Agrawal (Unit Head)  
Sample collected by : VardanEnviroLab Representative(Dilver)  
Sampling Location : Near Gate No - 1  
Instrument Used : Sound Level Meter  
Instrument Code : VEL/S/SLM/02  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 06/04/2023 to 07/04/2023  
Time of Monitoring : 06:00 AM to 06:00AM  
Surrounding Activity : Human, Vehicular and Cement plant Activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : No any  
Sampling & Analysis Protocol : IS-9989 R-2014 & CPCB Guideline  
Sampling Duration : 24.0 Hours  
Parameter Required : As per Work Order

### TEST RESULTS

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	IS 9989	69.1	59.2	dB(A)
2.	Lmin	IS 9989	48.5	41.3	dB(A)
3.	Leq	IS 9989	57.89	49.55	dB(A)
4.	CPCB Limits in dB(A*) Leq ( Industrial Area )	-	75.00	70.00	dB(A)

Note \*A "decibel" is a unit in which noise is measured.



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/N/05  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/N/2304240015  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Client Representative : Mr. Sameer Pujari (Unit Head)  
Sample collected by : VardanEnviroLab Representative(Dilver)  
Sampling Location : Near Gate No - 1  
Instrument Used : Sound Level Meter  
Instrument Code : VEL/S/SLM/02  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Intermittent Rain  
Date of Monitoring : 20/04/2023 to 21/04/2023  
Time of Monitoring : 06:00 AM to 06:00AM  
Surrounding Activity : Human, Vehicular and Cement plant Activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : No any  
Sampling & Analysis Protocol : IS-9989 R-2014 & CPCB Guideline  
Sampling Duration : 24.0 Hours  
Parameter Required : As per Work Order

### TEST RESULTS

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	IS 9989	62.8	54.6	dB(A)
2.	Lmin	IS 9989	42.5	35.2	dB(A)
3.	Leq	IS 9989	54.46	47.32	dB(A)
4.	CPCB Limits in dB(A*) Leq (Industrial Area)	-	75.00	70.00	dB(A)

Note: \*A "decibel" is a unit in which noise is measured.



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/N/02  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/N/2304240016  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Client Representative : Mr. Kapil Agrawal (Unit Head)  
Sample collected by : VardanEnviroLab Representative(Dilver)  
Sampling Location : Near Gate No - 2  
Instrument Used : Sound Level Meter  
Instrument Code : VEL/S/SLM/03  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 06/04/2023 to 07/04/2023  
Time of Monitoring : 06:00 AM to 06:00 AM  
Surrounding Activity : Human, Vehicular and Cement plant Activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : No any  
Sampling & Analysis Protocol : IS-9989 R-2014 & CPCB Guideline  
Sampling Duration : 24.0 Hours  
Parameter Required : As per Work Order

### TEST RESULTS

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	IS 9989	66.3	57.1	dB(A)
2.	Lmin	IS 9989	44.6	36.5	dB(A)
3.	Leq	IS 9989	55.66	48.47	dB(A)
4.	CPCB Limits in dB(A*) Leq (Industrial Area)	-	75.00	70.00	dB(A)

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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number:	VEL/N/06	Report No.:	VEL/N/2304240017
Name & Address of the Party:	M/s JK Cement Works Mohan Bari Road Jharli - 124106 Distt - Jhajjar (HARYANA)	Format No.:	7.8 F-03
		Party Reference No.:	4600082079
		Dated-	16.05.2022
		Reporting Date:	28/04/2023
		Period of Analysis:	24/04/2023 to 28/04/2023
		Receipt Date:	24/04/2023

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Client Representative	: Mr. Sameer Pujari (Unit Head)
Sample collected by	: VardanEnviroLab Representative(Dilver)
Sampling Location	: Near Gate No - 2
Instrument Used	: Sound Level Meter
Instrument Code	: VEL/S/SLM/03
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Intermittent Rain
Date of Monitoring	: 20/04/2023 to 21/04/2023
Time of Monitoring	: 06:00 AM to 06:00 AM
Surrounding Activity	: Human, Vehicular and Cement plant Activities
Scope of Monitoring	: Regulatory Requirement
Control measure if Any	: No any
Sampling & Analysis Protocol	: IS-9989 R-2014 & CPCB Guideline
Sampling Duration	: 24.0 Hours
Parameter Required	: As per Work Order

### TEST RESULTS

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	IS 9989	72.1	64.5	dB(A)
2.	Lmin	IS 9989	50.6	43.1	dB(A)
3.	Leq	IS 9989	63.48	58.08	dB(A)
4.	CPCB Limits in dB(A*) Leq (Industrial Area)	-	75.00	70.00	dB(A)

Note \*A "decibel" is a unit in which noise is measured.



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Page 1 of 1





# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/N/03  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/N/2304240018  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Client Representative : Mr. Kapil Agrawal (Unit Head)  
Sample collected by : VardanEnviroLab Representative(Dilver)  
Sampling Location : Railway Line Side  
Instrument Used : Sound Level Meter  
Instrument Code : VEL/S/SLM/04  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 07/04/2023 to 08/04/2023  
Time of Monitoring : 06:00 AM to 06:00 AM  
Surrounding Activity : Human, Vehicular and Rail Activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : No any  
Sampling & Analysis Protocol : IS-9989 R-2014 & CPCB Guideline  
Sampling Duration : 24.0 Hours  
Parameter Required : As per Work Order

### TEST RESULTS

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	IS 9989	67.3	58.8	dB(A)
2.	Lmin	IS 9989	41.8	36.7	dB(A)
3.	Leq	IS 9989	61.55	54.68	dB(A)
4.	CPCB Limits in dB(A*) Leq (Industrial Area)	-	75.00	70.00	dB(A)

Note \*A "decibel" is a unit in which noise is measured.



### Terms & Conditions

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- Giving opinions does not imply endorsement of the tested sample by the lab. Under no circumstances, the lab accepts any liability caused by the use or misuse of the test report.

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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number:	VEL/N/07	Report No.:	VEL/N/2304240019
Name & Address of the Party:	M/s JK Cement Works Mohan Bari Road Jharli - 124106 Distt - Jhajjar (HARYANA)	Format No.:	7.8 F-03
		Party Reference No.:	4600082079
		Dated-	16.05.2022
		Reporting Date:	28/04/2023
		Period of Analysis:	24/04/2023 to 28/04/2023
		Receipt Date:	24/04/2023

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Client Representative	: Mr. Sameer Pujari (Unit Head)
Sample collected by	: VardanEnviroLab Representative(Dilver)
Sampling Location	: <b>Railway Line Side</b>
Instrument Used	: Sound Level Meter
Instrument Code	: VEL/S/SLM/04
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: <b>21/04/2023 to 22/04/2023</b>
Time of Monitoring	: <b>06:00 AM to 06:00 AM</b>
Surrounding Activity	: Human, Vehicular and Rail Activities
Scope of Monitoring	: Regulatory Requirement
Control measure if Any	: No any
Sampling & Analysis Protocol	: IS-9989 R-2014 & CPCB Guideline
Sampling Duration	: 24.0 Hours
Parameter Required	: As per Work Order

### TEST RESULTS

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	IS 9989	72.8	66.7	dB(A)
2.	Lmin	IS 9989	54.3	46.4	dB(A)
3.	Leq	IS 9989	66.25	56.11	dB(A)
4.	CPCB Limits in dB(A*) Leq (Industrial Area)	-	75.00	70.00	dB(A)

Note \*A "decibel" is a unit in which noise is measured.



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/N/04  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/N/2304240020  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Client Representative : Mr. Kapil Agrawal (Unit Head)  
Sample collected by : VardanEnviroLab Representative(Dilver)  
Sampling Location : Near Wagon Tippler  
Instrument Used : Sound Level Meter  
Instrument Code : VEL/S/SLM/05  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 07/04/2023 to 08/04/2023  
Time of Monitoring : 06:00 AM to 06:00 AM  
Surrounding Activity : Human, Vehicular and Cement plant Activities  
Scope of Monitoring : Regulatory Requirement  
Control measure if Any : No any  
Sampling & Analysis Protocol : IS-9989 R-2014 & CPCB Guideline  
Sampling Duration : 24.0 Hours  
Parameter Required : As per Work Order

### TEST RESULTS

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	IS 9989	60.3	51.8	dB(A)
2.	Lmin	IS 9989	52.8	40.6	dB(A)
3.	Leq	IS 9989	55.33	47.69	dB(A)
4.	CPCB Limits in dB(A*) Leq (Industrial Area )	-	75.00	70.00	dB(A)

Note \*A "decibel" is a unit in which noise is measured.



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number:	VEL/N/08	Report No.:	VEL/N/2304240021
Name & Address of the Party:	M/s JK Cement Works Mohan Bari Road Jharli - 124106 Distt - Jhajjar (HARYANA)	Format No.:	7.8 F-03
		Party Reference No.:	4600082079
		Dated-	16.05.2022
		Reporting Date:	28/04/2023
		Period of Analysis:	24/04/2023 to 28/04/2023
		Receipt Date:	24/04/2023

Sample Description: AMBIENT NOISE LEVEL MONITORING

### General Information:-

Client Representative	: Mr. Sameer Pujari (Unit Head)
Sample collected by	: VardanEnviroLab Representative(Dilver)
Sampling Location	: Near Wagon Tippler
Instrument Used	: Sound Level Meter
Instrument Code	: VEL/S/SLM/05
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 21/04/2023 to 22/04/2023
Time of Monitoring	: 06:00 AM to 06:00AM
Surrounding Activity	: Human, Vehicular and Cement plant Activities
Scope of Monitoring	: Regulatory Requirement
Control measure if Any	: No any
Sampling & Analysis Protocol	: IS-9989 R-2014 & CPCB Guideline
Sampling Duration	: 24.0 Hours
Parameter Required	: As per Work Order

### TEST RESULTS

S. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 06:00 am)	
1.	Lmax	IS 9989	65.5	58.3	dB(A)
2.	Lmin	IS 9989	45.8	40.9	dB(A)
3.	Leq	IS 9989	60.55	51.89	dB(A)
4.	CPCB Limits in dB(A*) Leq (Industrial Area )	-	75.00	70.00	dB(A)

Note: \*A "decibel" is a unit in which noise is measured.



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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/14072023003  
Sample I.D. : SREL/AN/14072023003  
Sample Received : 14/07/2023  
Date of Issue : 18/07/2023  
Reference No. : TRF

### SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing  
Details of Sampling  
1. Date & Time of Sampling : 12.07.2023 AT 06:00 AM To 13.07.2023 06:00 AM  
2. Sampling Protocol : IS : 9989  
3. Equipment Used : Sound Level Meter  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near Gate No 1

### TEST RESULTS

Test Started on : 15/07/2023

Test Completed on : 17/07/2023

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)	72.4	69.1	IS : 9989
2.	Lmin	dB(A)	47.1	44.3	
3.	Leq	dB(A)	61.4	54.3	
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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- \* The sample will be destroyed after three weeks from the date of issue of the test report.  
(in case of non-perishable products only)

*Ramesh Chandra Tripathi*  
Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



Authorized Signatory

Ranbir Singh  
Technical Director  
*Ranbir Singh*  
Authorized Signatory  
S & R EnviroLab LLP  
Plot No.-96, Sector-07

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/14072023004  
Sample I.D. : SREL/AN/14072023004  
Sample Received : 14/07/2023  
Date of Issue : 18/07/2023  
Reference No. : TRF

### SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing  
Details of Sampling  
1. Date & Time of Sampling : 12.07.2023 AT 06:00 AM To 13.07.2023 06:00 AM  
2. Sampling Protocol : IS : 9989  
3. Equipment Used : Sound Level Meter  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near Gate No 2

### TEST RESULTS

Test Started on : 15/07/2023

Test Completed on : 17/07/2023

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)	71.6	67.2	IS : 9989
2.	Lmin	dB(A)	45.2	44.2	
3.	Leq	dB(A)	60.2	53.8	
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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Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



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/15072023001  
Sample I.D. : SREL/AN/15072023001  
Sample Received : 15/07/2023  
Date of Issue : 18/07/2023  
Reference No. : TRF

### SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing  
Details of Sampling  
1. Date & Time of Sampling : 13.07.2023 AT 06:00 AM To 14.07.2023 06:00 AM  
2. Sampling Protocol : IS : 9989  
3. Equipment Used : Sound Level Meter  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Railway Line side

### TEST RESULTS

Test Started on : 15/07/2023

Test Completed on : 17/07/2023

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)	66.5	62.4	IS : 9989
2.	Lmin	dB(A)	47.2	45.5	
3.	Leq	dB(A)	58.2	52.6	
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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*Dr. Ramesh Chandra Tripathi*  
Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



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/15072023002  
Sample I.D. : SREL/AN/15072023002  
Sample Received : 15/07/2023  
Date of Issue : 18/07/2023  
Reference No. : TRF

### SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing  
Details of Sampling  
1. Date & Time of Sampling : 13.07.2023 AT 06:00 AM To 14.07.2023 06:00 AM  
2. Sampling Protocol : IS : 9989  
3. Equipment Used : Sound Level Meter  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near Wagon Trippler

### TEST RESULTS

Test Started on : 15/07/2023

Test Completed on : 17/07/2023

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.	L <sub>max</sub>	dB(A)	65.1	62.9	IS: 9989
2.	L <sub>min</sub>	dB(A)	48.2	46.4	
3.	Leq	dB(A)	59.2	58.4	
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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*Dr. Ramesh Chandra Tripathi*  
Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



Authorized Signatory  
Ranbir Singh  
Technical Director





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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/26072023003  
Sample I.D. : SREL/AN/26072023003  
Sample Received : 26/07/2023  
Date of Issue : 29/07/2023  
Reference No. : TRF

### SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing  
Details of Sampling  
1. Date & Time of Sampling : 24.07.2023 AT 06:00 AM To 25.07.2023 06:00 AM  
2. Sampling Protocol : IS : 9989  
3. Equipment Used : Sound Level Meter  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near gate No. 1

### TEST RESULTS

Test Started on : 26/07/2023

Test Completed on : 29/07/2023

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)	71.8	68.5	IS : 9989
2.	Lmin	dB(A)	48.4	46.9	
3.	Leq	dB(A)	62.7	56.5	
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\*\*\*

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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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/26072023004  
Sample I.D. : SREL/AN/26072023004  
Sample Received : 26/07/2023  
Date of Issue : 29/07/2023  
Reference No. : TRF

### SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing  
Details of Sampling  
1. Date & Time of Sampling : 24.07.2023 AT 06:00 AM To 25.07.2023 06:00 AM  
2. Sampling Protocol : IS : 9989  
3. Equipment Used : Sound Level Meter  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 24 Hrs.  
6. Sampling Location : Near Gate No. 2

### TEST RESULTS

Test Started on : 26/07/2023

Test Completed on : 29/07/2023

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)	70.8	68.1	IS : 9989
2.	Lmin	dB(A)	46.9	45.3	
3.	Leq	dB(A)	62.4	56.2	
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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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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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/27072023001  
Sample I.D. : SREL/AN/27072023001  
Sample Received : 27/07/2023  
Date of Issue : 31/07/2023  
Reference No. : TRF

### SAMPLE PARTICULARS

Name of the Sample

: Ambient Noise Level Testing

#### Details of Sampling

1. Date & Time of Sampling
2. Sampling Protocol
3. Equipment Used
4. Sampling Done By
5. Duration of Sampling
6. Sampling Location

: 25.07.2023 AT 06:00 AM To 26.07.2023 06:00 AM  
: IS : 9989  
: Sound Level Meter  
: Mr. Manbir  
: 24 Hrs.  
: Railway Line side

### TEST RESULTS

Test Started on : 27/07/2023

Test Completed on : 31/07/2023

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)	65.8	61.5	IS : 9989
2.	Lmin	dB(A)	47.6	46.2	
3.	Leq	dB(A)	57.9	53.1	
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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(in case of non-perishable products only)

*Dr. Ramesh Chandra Tripathi*  
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





# 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/27072023002  
Sample I.D. : SREL/AN/27072023002  
Sample Received : 27/07/2023  
Date of Issue : 31/07/2023  
Reference No. : TRF

### SAMPLE PARTICULARS

Name of the Sample : Ambient Noise Level Testing

#### Details of Sampling

1. Date & Time of Sampling : 25.07.2023 AT 06:00 AM To 26.07.2023 06:00 AM
2. Sampling Protocol : IS : 9989
3. Equipment Used : Sound Level Meter
4. Sampling Done By : Mr. Manbir
5. Duration of Sampling : 24 Hrs.
6. Sampling Location : Near Wagon Tripler

### TEST RESULTS

Test Started on : 27/07/2023

Test Completed on : 31/07/2023

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)	63.4	60.2	IS : 9989
2.	Lmin	dB(A)	46.2	45.4	
3.	Leq	dB(A)	58.4	55.9	
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



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**J.K.CEMENT WORKS, JHARLI**  
**AMBIENT AIR QUALITY MONITORING DATA FOR FUGITIVE EMISSION**  
**(MONTHLY AVERAGE  $\mu\text{g}/\text{M}^3$ )**  
**April-23 to Sept.-23**

MONTH	Packing Plant	Fly Ash Silo	Unloading Area	Near Cement Mill
<b>Apr-23</b>	334.59	387.77	412.09	479.22
<b>Jul-23</b>	512	431	461	518
<b>Average</b>	<b>423.295</b>	<b>409.385</b>	<b>436.545</b>	<b>498.61</b>





# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/A/01  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304240001  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: FUGITIVE DUST MONITORING

### General Information:-

Sample collected by : VardanEnviroLab Representative (Mukesh Chandra)  
Sampling Location : Packing Plant  
Date of Monitoring : 20/04/2023  
Instrument Used : RDS  
Instrument ID : VEL/RDS/07  
Timing of Monitoring : 10:25 AM to 06:25 PM  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Ambient Temperature (°C) : Min. 11°C Max. 25°C  
Surrounding Activity : Human, Vehicular, & Other Plant Activities  
Scope of Monitoring : Regulatory Requirement  
Duration of Monitoring : 8 Hours  
Control measure if Any : No  
Sampling & Analysis Protocol : IS-5182 & CPCB Guidelines  
Parameter Required : As Per Work Order

## TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits
1.	Suspended Particulate Matter (SPM)	VEL/ENV/STP/164, Issue No.-01 20/06/2022	334.59	µg/m <sup>3</sup>	5000

\*\*\*End of Report\*\*\*



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/A/02  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304240002  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: FUGITIVE DUST MONITORING

### General Information:-

Sample collected by : VardanEnviroLab Representative (Mukesh Chandra)  
Sampling Location : Fly Ash Site  
Date of Monitoring : 20/04/2023  
Instrument Used : RDS  
Instrument ID : VEL/RDS/08  
Timing of Monitoring : 10:55 AM to 06:55 PM  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Ambient Temperature (°C) : Min. 11°C Max. 25°C  
Surrounding Activity : Human, Vehicular, & Other Plant Activities  
Scope of Monitoring : Regulatory Requirement  
Duration of Monitoring : 8 Hours  
Control measure if Any : No  
Sampling & Analysis Protocol : IS-5182 & CPCB Guidelines  
Parameter Required : As Per Work Order

### TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits
1.	Suspended Particulate Matter (SPM)	VEL/ENV/STP/164, Issue No.-01 20/06/2022	387.77	µg/m <sup>3</sup>	5000

\*\*\*End of Report\*\*\*



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/A/03  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304240003  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: FUGITIVE DUST MONITORING

### General Information:-

Sample collected by : VardanEnviroLab Representative (Mukesh Chandra)  
Sampling Location : Unloading Area  
Date of Monitoring : 20/04/2023  
Instrument Used : RDS  
Instrument ID : VEL/RDS/09  
Timing of Monitoring : 11:25 AM to 7:25 PM  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Ambient Temperature (°C) : Min. 11°C Max. 25°C  
Surrounding Activity : Human, Vehicular, & Other Plant Activities  
Scope of Monitoring : Regulatory Requirement  
Duration of Monitoring : 8 Hours  
Control measure if Any : No  
Sampling & Analysis Protocol : IS-5182 & CPCB Guidelines  
Parameter Required : As Per Work Order

## TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits
1.	Suspended Particulate Matter (SPM)	VEL/ENV/STP/164, Issue No.-01 20/06/2022	412.09	µg/m <sup>3</sup>	5000

\*\*\*End of Report\*\*\*



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/A/04  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (HARYANA)

Report No.: VEL/A/2304240004  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: FUGITIVE DUST MONITORING

### General Information:-

Sample collected by	: VardanEnviroLab Representative (Mukesh Chandra)
Sampling Location	: Near Cement Mill
Date of Monitoring	: 20/04/2023
Instrument Used	: RDS
Instrument ID	: VEL/RDS/10
Timing of Monitoring	: 6:30 PM to 2:30 AM
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Ambient Temperature (°C)	: Min. 11°C Max. 25°C
Surrounding Activity	: Human, Vehicular, & Other Plant Activities
Scope of Monitoring	: Regulatory Requirement
Duration of Monitoring	: 8 Hours
Control measure if Any	: No
Sampling & Analysis Protocol	: IS-5182 & CPCB Guidelines
Parameter Required	: As Per Work Order

### TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit	Limits
1.	Suspended Particulate Matter (SPM)	VEL/ENV/STP/164, Issue No.-01 20/06/2022	479.22	µg/m <sup>3</sup>	5000

\*\*\*End of Report\*\*\*



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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/25072023001  
Sample I.D. : SREL/AA/25072023001  
Sample Received : 25/07/2023  
Date of Issue : 29/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Fugitive Monitoring  
Details of Sampling  
1. Date of Sampling : 24/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : HVS  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 8 Hrs.  
6. Sampling Location : Packing Plant

Physical Observation  
(a) Ambient temp.(Min/Max) : 25°C/33°C  
(b) Weather Cond. : Cloudy  
(c) Wind Direction : West to East  
(d) Sampling Flow Rate For Gas : 0.5LPM  
(e) Sampling Flow Rate For RSP : 1.20m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 25/07/2023

Test Completed on : 29/07/2023

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m <sup>3</sup>	512	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



### 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

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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/25072023002  
Sample I.D. : SREL/AA/25072023002  
Sample Received : 25/07/2023  
Date of Issue : 29/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Fugitive Monitoring  
Details of Sampling  
1. Date of Sampling : 24/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : HVS  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 8 Hrs.  
6. Sampling Location : Fly Ash Site

Physical Observation  
(a) Ambient temp.(Min/Max) : 25°C/33°C  
(b) Weather Cond. : Cloudy  
(c) Wind Direction : West to East  
(d) Sampling Flow Rate For Gas :0.5LPM  
(e) Sampling Flow Rate For RSP :1.20m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 25/07/2023

Test Completed on : 29/07/2023

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m <sup>3</sup>	431	2000	SREL/SOP/AA/01 Issue No. 01,2021

### Opinion/Interpretation

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Quality manager



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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/26072023001  
Sample I.D. : SREL/AA/26072023001  
Sample Received : 26/07/2023  
Date of Issue : 29/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Fugitive Monitoring  
Details of Sampling  
1. Date of Sampling : 25/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : HVS  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 8 Hrs.  
6. Sampling Location : Unloading Area

Physical Observation  
(a) Ambient temp.(Min/Max) : 25°C/37°C  
(b) Weather Cond. : Cloudy  
(c) Wind Direction : West to East  
(d) Sampling Flow Rate For Gas : 0.5LPM  
(e) Sampling Flow Rate For RSP : 1.20m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 26/07/2023

Test Completed on : 29/07/2023

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m <sup>3</sup>	461	2000	SREL/SOP/AA/01 Issue No. 01 ,2021

### Opinion/Interpretation

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Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



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/26072023002  
Sample I.D. : SREL/AA/26072023002  
Sample Received : 26/07/2023  
Date of Issue : 29/07/2023  
Reference No. : TRF

## SAMPLE PARTICULARS

Name of the Sample : Fugitive Monitoring  
Details of Sampling  
1. Date of Sampling : 25/07/2023  
2. Sampling Protocol : IS:5182(P-14)  
3. Equipment Used : HVS  
4. Sampling Done By : Mr. Manbir  
5. Duration of Sampling : 8 Hrs.  
6. Sampling Location : Cement Mill

### Physical Observation

(a) Ambient temp.(Min/Max) : 25°C/37°C  
(b) Weather Cond. : Cloudy  
(c) Wind Direction : West to East  
(d) Sampling Flow Rate For Gas : 0.5LPM  
(e) Sampling Flow Rate For RSP : 1.20m<sup>3</sup>/min.  
PM-10 (Ave.)

## TEST RESULTS

Test Started on : 26/07/2023

Test Completed on : 29/07/2023

Sr.No.	Parameters	Units	Results	Standard Limit As Per CPCB	Test Method
1.	Suspended Particular Matter (SPM)	µg/m <sup>3</sup>	518	2000	SREL/SOP/AA/01 Issue No. 01, 2021

### Opinion/Interpretation

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Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



Authorized Signatory  
Ranbir Singh  
Technical Director





## J.K.CEMENT WORKS, JHARLI

### Stack Emission Monitoring (mg/Nm<sup>3</sup>) of April-23 to Sept.-23

Sr.No.	Location	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Average
1	CEMENT MILL	4.40	4.51	4.50	5.10	4.60	4.50	4.47



## Test Report

Sample Number: VEL/S/01  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt - Jhajjar (Haryana)

Report No.: VEL/S/2304240005  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022  
Reporting Date: 28/04/2023  
Period of Analysis: 24/04/2023 to 28/04/2023  
Receipt Date: 24/04/2023

Sample Description: STACK EMISSION MONITORING

### General Information:-

Client Representative : Mr. Sameer Pujari (Unit Head)  
Sample collected by : VardanEnviroLab Representative (Dilver)  
Sampling Date : 20/04/2023  
Sampling Location : Boiler Area Near Bag House  
Sampling Duration (Minutes) : 37.0  
Stack Attached to : Ball Mill Bag house or Separator Bag house  
Metrological Condition : Intermittent Rain  
Instrument Calibration Status : OK  
Height of Stack : 43.0 mtr  
Diameter of Stack : 2 mtr  
Ambient Temperature-Ta (°C) : 27.0  
Temperature of Stack Gases-Ts (°C) : 98.0  
Velocity of Stack Gases (m/sec.) : 10.20  
Flow rate of PM (LPM) : 27.0  
Flow rate of Gas (LPM) : 2.0  
Sampling Condition : Isokinetic  
Protocol Used : IS :11255& CPCB Guideline  
Opacity Meter Reading During Monitoring(mg/Nm<sup>3</sup>) : 4.3

### TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit
1.	Particulate Matter (PM)	IS 11255 (P-1)	4.4	mg/Nm <sup>3</sup>



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001



## Test Report

Sample Number:	VEL/S/01	Report No.:	VEL/S/2305220002
Name & Address of the Party:	M/s JK Cement Works	Format No.:	7.8 F-03
	Mohan Bari Road Jharli - 124106	Party Reference No.:	4600082079
	Distt - Jhajjar (Haryana)	Dated-	16.05.2022
		Reporting Date:	26/05/2023
		Period of Analysis:	22/05/2023 to 26/05/2023
		Receipt Date:	22/05/2023

### Sample Description: STACK EMISSION MONITORING

#### General Information:-

Client Representative	Mr. Sameer Pujari (Unit Head)
Sample collected by	VardanEnviroLab Representative (Dilver)
Sampling Date	18/05/2023
Sampling Location	Boiler Area Near Bag House
Sampling Duration (Minutes)	37.0
Stack Attached to	Ball Mill Bag house or Separator Bag house
Metreological Condition	Intermittent Rain
Instrument Calibration Status	OK
Height of Stack	43.0 mtr
Diameter of Stack	2 mtr
Ambient Temperature-Ta (°C)	27.0
Temperature of Stack Gases-Ts (°C)	98.0
Velocity of Stack Gases (m/sec.)	10.20
Flow rate of PM (LPM)	27.0
Flow rate of Gas (LPM)	2.0
Sampling Condition	Isokinetic
Protocol Used	IS :11255& CPCB Guideline
Opacity Meter Reading During Monitoring(mg/Nm <sup>3</sup> )	4.5

### TEST RESULTS

S. No.	Parameter	Protocol	Result	Unit
1.	Particulate Matter (PM)	IS 11255 (P-1)	4.51	mg/Nm <sup>3</sup>



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Page 1 of 1







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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/13062023002  
Sample I.D. : SREL/SE/13062023002  
Sample Received : 13/06/2023  
Date of Issue : 17/06/2023  
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 : 09.06.2023  
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 : 4.4  
During Monitoring (mg/Nm<sup>3</sup>)

### Physical Observation

(a) Ambient temperature (°C) : 37  
(b) Stack Temperature (°C) : 102  
(c) Velocity (m/sec.) : 8.74  
(d) Sampling Flow Rate For Gases : 2.5LPM  
(e) Sampling Flow Rate For PM : 29.0LPM  
(f) Quantity of Emission (m<sup>3</sup> / Hr.) : 98796.96

### TEST RESULTS

Test Started on: 13/06/2023

Test Completed on : 17/06/2023

Sr. No.	Parameters	Units	Results	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	4.5	IS : 11255 P-1

Remark : NA

Opinion/Interpretation

\*\*\*End of Report\*\*\*

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Checked By

Dr. Ramesh Chandra Tripathi  
Quality manager



Authorized Signatory

Ranbir Singh  
Authorized  
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/13072023004  
Sample I.D. : SREL/SE/13072023004  
Sample Received : 13/07/2023  
Date of Issue : 16/07/2023  
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 : 12.07.2023  
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 : 4.4  
During Monitoring (mg/Nm<sup>3</sup>)

### Physical Observation

(a) Ambient temperature (°C) : 34  
(b) Stack Temperature (°C) : 112  
(c) Velocity (m/sec.) : 8.19  
(d) Sampling Flow Rate For Gases : 2.8LPM  
(e) Sampling Flow Rate For PM : 2.6LPM  
(f) Quantity of Emission (m<sup>3</sup> / Hr.) : 92579.76

## TEST RESULTS

Test Started on: 13/07/2023

Test Completed on : 16/07/2023

Sr. No.	Parameters	Units	Results	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	5.1	IS : 11255 P-1

Remark : NA  
Opinion/Interpretation

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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  
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Distt- Jhajjar (Haryana)

Test Report No. : SREL/E/14082023013  
Sample I.D. : SREL/SE/14082023013  
Sample Received : 14/08/2023  
Date of Issue : 19/08/2023  
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	: 11.08.2023
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	: 4.8

During Monitoring (mg/Nm<sup>3</sup>)

## Physical Observation

(a) Ambient temperature (°C)	: 32
(b) Stack Temperature (°C)	: 106
(c) Velocity (m/sec.)	: 7.82
(d) Sampling Flow Rate For Gases	: 2.8LPM
(e) Sampling Flow Rate For PM	: 25.0LPM
(f) Quantity of Emission (m <sup>3</sup> / Hr.)	: 88397.28

## TEST RESULTS

Test Started on: 14/08/2023

Test Completed on : 19/08/2023

Sr. No.	Parameters	Units	Results	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	4.6	IS : 11255 P-1

Remark : NA  
Opinion/Interpretation

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Checked By  
*Ramesh Chandra Tripathi*

Dr. Ramesh Chandra Tripathi  
Quality manager



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/15092023013  
Sample I.D. : SREL/SE/15092023013  
Sample Received : 15/09/2023  
Date of Issue : 20/09/2023  
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 : 14.09.2023  
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 : 4.6  
During Monitoring (mg/Nm<sup>3</sup>)

## Physical Observation

(a) Ambient temperature (°C) : 33  
(b) Stack Temperature (°C) : 110  
(c) Velocity (m/sec.) : 7.61  
(d) Sampling Flow Rate For Gases : 1.9LPM  
(e) Sampling Flow Rate For PM : 25.0LPM  
(f) Quantity of Emission (m<sup>3</sup> / Hr.) : 86023.44

## TEST RESULTS

Test Started on: 15/09/2023

Test Completed on : 20/09/2023

Sr. No.	Parameters	Units	Results	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	4.5	IS : 11255 P-1

Remark : NA  
Opinion/Interpretation

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*Checked By*

Dr. Ramesh Chandra Tripathi  
Quality manager



Authorized Signatory

Ranbir Singh

Technical Director



**STP Outlet Analysis Report Q-1 FY 2023-24****Month: April-2023**

S. No.	Parameter	Result	Unit	Standards for Discharge as per CPCB		
				In-Land Surface Water	Public Sewers	Land for Irrigation
1	pH (at 25 °C)	7.56	--	5.5-9.0	5.5-9.0	5.5-9.0
2	COD	71.58	mg/l	250	--	--
3	BOD (3 Days at 27 °C)	25.14	mg/l	30	350	100
4	Total Suspended Solid	14	mg/l	100	600	200
5	Oil & Grease	0.69	mg/l	10	20	10

**STP Outlet Analysis Report Q-2 FY 2023-24****Month: July-2023**

S. No.	Parameter	Result	Unit	Standards for Discharge as per CPCB		
				In-Land Surface Water	Public Sewers	Land for Irrigation
1	pH (at 25 °C)	7.67	--	5.5-9.0	5.5-9.0	5.5-9.0
2	COD	36	mg/l	250	--	--
3	BOD (3 Days at 27 °C)	8	mg/l	30	350	100
4	Total Suspended Solid	12.8	mg/l	100	600	200
5	Oil & Grease	BDL(DL-3.0)	mg/l	10	20	10





# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number:	VEL/WW/01	Report No.:	VEL/WW/2304220008
Name & Address of the Party:	M/s JK Cement Works Mohan Bari Road Jharli - 124106 Distt - Jhajjar (HARYANA)	Format No.:	7.8 F-03
		Party Reference No.:	4600082079
		Dated-	16.05.2022
Sample Description:	Sewage Water (STP Inlet)	Reporting Date:	28/04/2023
Sampling Location:	STP Plant	Period of Analysis:	22/04/2023 to 28/04/2023
Sample Collected by:	VardanEnviroLab Representative(Dilver)	Receipt Date:	22/04/2023
Parameter Required:	As per Work Order	Sampling Date:	20/04/2023
Analysis Protocol:	APHA	Preservation:	Refrigerated
		Sampling Quantity:	2.0 Ltr

## TEST RESULTS

S. No.	Parameter	Test-Method	Result	Unit
1.	pH (at 25 °C)	IS:3025 (P-11)	7.32	--
2.	COD	APHA, 5220 B Open Reflux Method	139.59	mg/L
3.	BOD (3 Days at 27 °C)	IS 3025 (P-44)	42.32	mg/L
4.	Total Suspended Solids	IS: 3025 (P-17)	46.00	mg/L
5.	Oil and Grease	Clause No-5 of IS:3025 (P-39)	6.04	mg/L



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# Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)  
ISO 9001 | ISO 14001 | ISO 45001

## Test Report

Sample Number: VEL/WW/02  
Name & Address of the Party: M/s JK Cement Works  
Mohan Bari Road Jharli - 124106  
Distt-Jhajjar (HARYANA)

Sample Description: Sewage Water (STP Outlet)  
Sampling Location: STP Plant  
Sample Collected by: VardanEnviroLab Representative((Dilver)  
Parameter Required: As per Work Order  
Analysis Protocol: IS 3025, APHA

Report No.: VEL/WW/2304220009  
Format No.: 7.8 F-03  
Party Reference No.: 4600082079  
Dated- 16.05.2022

Reporting Date: 28/04/2023  
Period of Analysis: 22/04/2023 to 28/04/2023  
Receipt Date: 22/04/2023  
Sampling Date: 20/04/2023  
Preservation: Refrigerated  
Sampling Quantity: 2.0 Ltr

S. No.	Parameter	Test - Method	Result	Unit	Standards for Discharge as per CPCB		
					In-Land Surface Water	Public Sewers	Land for Irrigation
1.	pH (at 25 °C)	IS:3025 (P-11)	7.56	--	5.5-9.0	5.5-9.0	5.5-9.0
2.	COD	APHA, 5220 B Open Reflux Method	71.58	mg/L	250	--	--
3.	BOD (3 Days at 27°C)	IS 3025 (P-44)	25.14	mg/L	30	350	100
4.	Total Suspended Solid	IS: 3025 (P-17)	14.00	mg/L	100	600	200
5.	Oil & Grease	Clause No-5 of IS:3025 (P-39)	0.69	mg/L	10	20	10



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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/10072023006  
Sample I.D. : SREL/WW/10072023006  
Sample Received : 10/07/2023  
Date of Issue : 14/07/2023  
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 : 08/07/2023  
(b) Time of sampling : 2:10 pm  
(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 : 10/07/2023

Test Completed on : 14/07/2023

S.No.	Parameters	Units	Results	Test Method
1	pH at 25°C	--	8.05	APHA 4500H+-B, 23 <sup>rd</sup> Ed 2017
2	Total Suspended Solid	mg/l	112	APHA 2540-D, 23 <sup>rd</sup> Ed 2017
3	Biochemical Oxygen Demand for 3 days at 27°C	mg/l	92.0	IS : 3025 P-44 1993
4	Chemical Oxygen Demand	mg/l	268.0	APHA 5220-B, 23 <sup>rd</sup> Ed 2017
5	Oil & Grease	mg/l	15.2	APHA 5520-B, 23 <sup>rd</sup> Ed 2017

Remark : NA  
Opinion/Interpretation

\*\*\*End of Report\*\*

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Checked By

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Quality manager



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/10072023007  
Sample I.D. : SREL/WW/10072023007  
Sample Received : 10/07/2023  
Date of Issue : 14/07/2023  
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 : 08/07/2023  
(b) Time of sampling : 2:10 pm  
(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 : 10/07/2023

Test Completed on 14/07/2023

S.No.	Parameters	Units	Results	Specification /Requirment (As per CPCB)	Test Method
1	pH at 25°C	--	7.67	5.5-9.0	APHA 4500H+-B,23 <sup>rd</sup> Ed 2017
2	Total Suspended Solid	mg/l	12.8	20	APHA 2540-D,23 <sup>rd</sup> 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	36.0	50	APHA 5220-B,23 <sup>rd</sup> Ed 2017
5	Oil & Grease	mg/l	BDL(DL-3.0)	--	APHA 5520-B,23 <sup>rd</sup> Ed 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

Ranbir Singh  
Technical Director  
*Ranbir Singh*  
Signatory  
Plot No.-96, Sector-07



# CSR Expenses Details April-23 to Sept-23

- As a part of ongoing initiative under PM TB Mukht Abhiyan 18 TB patients were adopted for six month for nutrition support. Under this in this quarter all the 18 patients were provided Nutrition Baskets with the support of Primary Health Centre Birohar village considering the request of CMO Jhajjar. We have provided the Food bags in the presence of Medical Officer and village Sarpanch.
- On the request of District Collector Jhajjar office, special occasion of World Yoga Day, around 1000 T-shirts were handed over to DC office Jhajjar for public distribution who participated in the Yoga Day Celebration programme organized by district administration.





Team Jharli with Doctor at Primary Health Centre Birohar is distributing Food packets to TB patients.



Donating T-Shirts on the occasion of YOGA DAY.

# Focus area

(Education)

Under our ongoing initiative to Promote higher education among students we partly sponsor a coaching teacher who provides coaching to students on every working days of the School. The coaching center is run by village Sarpanch under the “**Saheed Ramkrishan Siksha Evam Gram Vikas Samity**” along with the help of school teachers of Government High School Khanpur Khurd village. In this last quarter around 70 days coaching on Math, Science & English subjects were provided around 200 no. of students for competitive examinations. Around 80% average attendance was registered among the students coming to the center as reported by the Samiti.





**Coaching class going on at Government High School at Khanpur Khurd**

# Focus area

## (Environment)

- As an ongoing initiative for environment protections at Mohanbari village, a gardener expenses is provided which are being supported for maintenance of Community Garden. This garden caters to more than 1000 members of the concerned village who use this garden on different occasions as per their need.
- As a part of Swachh Bharat Abhiyan, an ongoing project to keep Mohanbari village clean an ongoing project has been supported by us. Through project support towards a housekeeping staff is being provided who ensure that the village is clean and tidy. Around 1500 people are benefited through this initiative.



## Environmental Activities



**Gardener working at Mohanbari village garden.**



**Housekeeping progress at village Mohanbari**

## Rural Transformation activities







Drinking water supply at Jharli village.



Drinking water supply at Jharli village.

As a part of Swachh Bharat Abhiyan, an ongoing project is being done to keep Mohanbari village clean under CSR initiatives. Through this project we support to pay a housekeeping staff honorarium who ensure clean and tidy village at his end under the supervision of Village Sarpanch.

Around 1500 people are being benefited through this initiative.





- As under the CSR initiative for environment protections at Mohanbari village, a gardener expenses is provided which are being supported for maintenance of Community Garden. This garden caters to more than 1000 members of the concerned village who use this garden on different occasions as per their need.
- 100 nos. of Tree guards were donated to Mohanbari Village on dated 28.09.2023 in presence of Unit Head Sir Mr. Sameer Kumar Pujari, Mr. Ajay Upadhyay, Sarpanch Mohanbari Mr. Raj Kumar & other villagers during the programme. It will be protected trees which will make an useful to grownup the trees & also it is a direct contribution on environment protections.





- A Veterinary Camp was organized(jk trust) at Sundhreti Village by J.K cement works Jharli on dated 16.09.2023. It was inspected by Government Veterinary Hospital Naugaon Dr. Rajbir, Veterinary Hospital Jharli Dr. Sunil and all the team members. The Camp provided first aid to 36 Cows,216 Buffaloes and 207 sheep's & treated helminthiasis and infertility.
- Received an appreciation from District Administration Jhajjar in Presence of Mr. Arvind Sharma- Members of Parliament and DC- Capt. Shati Singh. As this initiative under the PM TB Mukht Abhiyan where we were adopted 18 nos. TB patients for six month for nutrition support It was coordinated by CMO - Jhajjar.



## इज्जर भास्कर 16-09-2023

पञ्जाब रा जालिया नागपुर २०१

उपास्थित रह।

### पशु चिकित्सा शिविर में 459 पशुओं का किया उपचार



साहावास | मातनहेल ब्लॉक के सुंदरेहटी गांव में एक दिवसीय पशु चिकित्सा शिविर का आयोजन किया गया। जेके सीमेंट वर्क्स झाड़ली इज्जर ने शिविर युनिट हेड एस के

पुजारी, अजय कुमार उपाध्याय एचआर हेड ने निरीक्षण किया गया। इनके साथ अशोक कुमार सीएसआर ऑफिसर जेके सीमेंट वर्क्स झाड़ली इज्जर के उपस्थिति में किया गया शिविर में डॉ. जयकिशन पशु चिकित्सक राजकीय पशु चिकित्सालय नौगांवा, डॉ. राजवीर पशु चिकित्सक राजकीय पशु चिकित्सालय झाड़ली और सुनील वीएलडीए पशु चिकित्सालय नौगांवा एवं टीम के सभी सदस्यों ने 36 गाय, 216 भैंसों एवं 207 भेड़ों का प्राथमिक उपचार, कृमि रोग और बांझपन का उपचार किया। शिविर में जेके ट्रस्ट के डीएमओ अजय कुमार ने टीम और गांव के सहयोग की काफी सराहना की।





## Participated in Medical Camp events at Matanhail Gaushala for Cows done by JK Trust





**SAFETY HEALTH CARE** (ISO 9001:2015 Certified)**Occupational Health Examination Record**I. Name of Employee: Ashish Khur Age/Sex: 42/MII. Mobile Number: 9529343012 Emp. Code: 13002173

## 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>1.5y</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 166 Cms 2. Weight 82 Kg 3. Pulse 88 / Min 4. B.P 150/100 mm of Hg  
 5. SpO2 94 % 6. Temp 96.2 F 7. R-R 22 / Min 8. C.C. .... Cms 9. A.C. .... Cms

## VI. Systemic Examination

1. Chest Auscultation: ..... 2. CVS: S1 S2 .....

3. Eye Test : Vision for Distance &amp; Near

VA < 6/6NU < 1/6

Colour Vision:-

5/WNLVII. Blood Sugar (R) 95 Mg/dL (P.P) .....

VIII. Acrophobia: (After on Height) B.P.....mm/Hg Pulse...../min Excessive Perspiration: Y/N

Doctor's advice if any

Other Investigations (Reports Attached)

Name &amp; Address of Industry:

Date of examination:

30/10/23

For Safety Health Care  
 Dr. VIKAS CHAUDHARY  
 MBBS, MD, DPM  
 (Occupational Health Physician)  
 Occupational health Physician

Employee's safety &amp; healthcare at workplace

B-10, Tajpur Road, Badarpur Border, New Delhi - 110044 Mob. : 7982488517, 9717591112  
 E-mail : safetyhealthcare2@yahoo.com, deeptibhatia@gmail.com | www.safetyhealthcare.in



**SAFETY HEALTH CARE** (ISO 9001:2015 Certified)

**AUDIOGRAM**

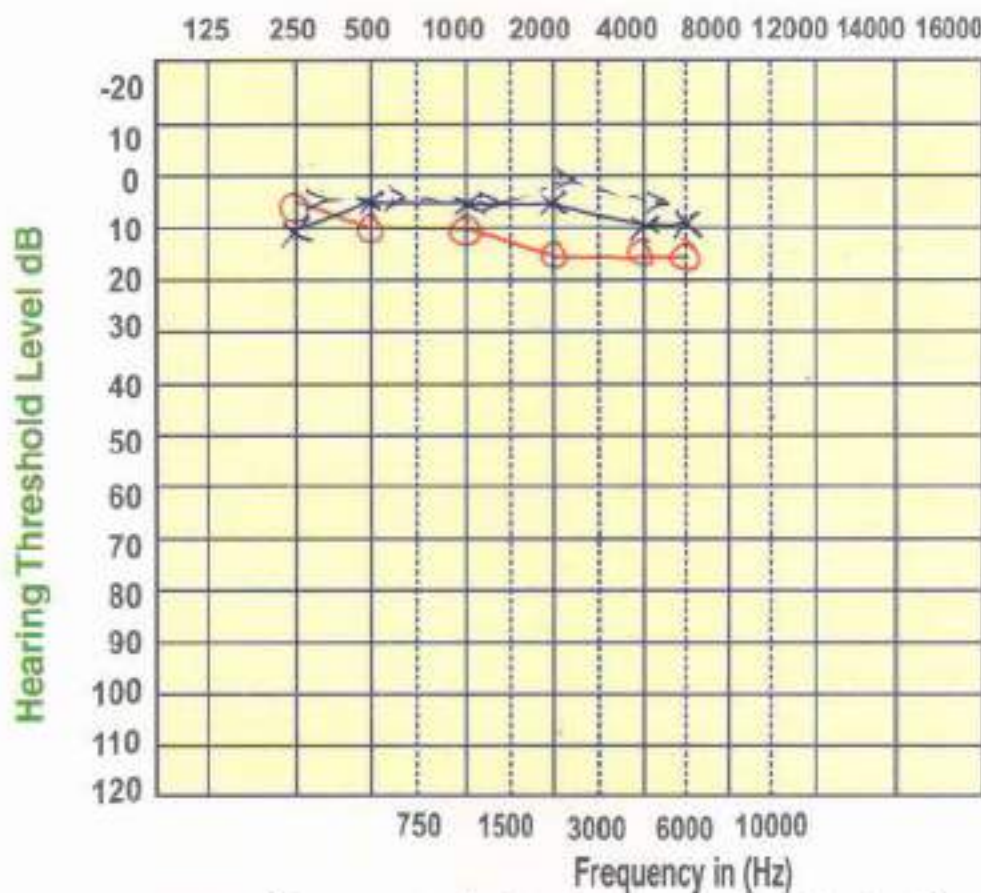
Process

13002173

Name : Robert Khulere Age/Sex : 42/M Date : 30/10/23 Mobile. No. 9528343012

ऑडियोग्राम  
Audiogram

ऑडियोग्राम कुंजी  
Audiogram Key



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

Diagnosis : Hearing sensitivity within Normal limits for both ears

Advice :

[Signature]  
Audiologist



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

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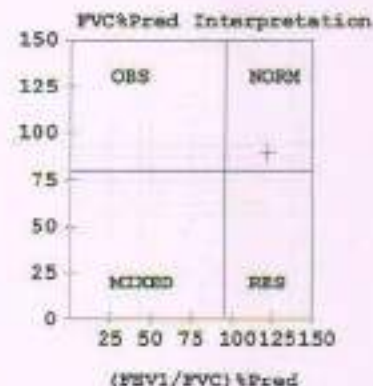
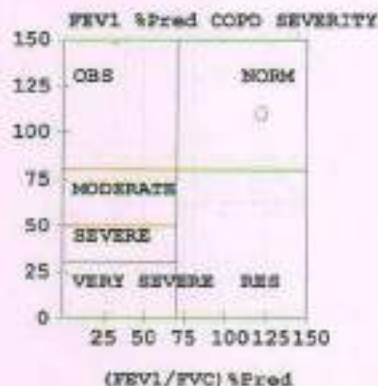
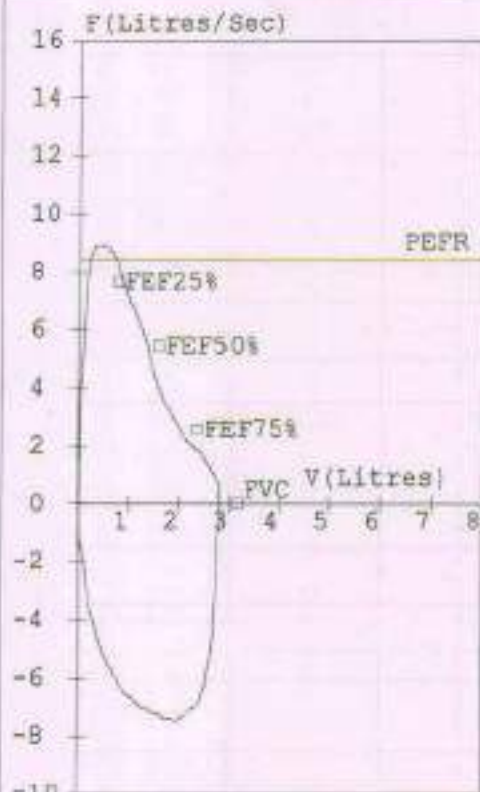
# SAFETY HEALTH CARE

RAUNAK HOSPITAL SEC-50 DABUA COLONY FARIDABAD

Patient: ASHISH KHULVE  
Refd. By:  
Pred. Eqns: RECORDERS  
Date : 30-Oct-2023 11:11 AM

Age : 42 Yrs  
Height : 165 Cms  
Weight : 82 Kgs  
ID : 13002173

Gender : Male  
Smoker : Yes  
Eth. Corr: 100  
Temp :



## FVC Results

Parameter	Fred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC	(L) 03.17	02.84	090	-----	---	---
FEV1	(L) 02.59	02.84	110	-----	---	---
FEV1/FVC	(%) 81.70	100.00	122	-----	---	---
FEF25-75	(L/s) 03.76	04.31	115	-----	---	---
PEFR	(L/s) 08.42	08.90	106	-----	---	---
FIVC	(L) -----	02.89	---	-----	---	---
FEV.5	(L) -----	02.32	---	-----	---	---
FEV3	(L) 03.08	02.84	092	-----	---	---
PIFR	(L/s) -----	07.40	---	-----	---	---
FEF75-85	(L/s) -----	01.95	---	-----	---	---
FEF.2-1.2	(L/s) 06.50	07.81	120	-----	---	---
FEF 25%	(L/s) 07.66	08.44	110	-----	---	---
FEF 50%	(L/s) 05.43	04.95	091	-----	---	---
FEF 75%	(L/s) 02.57	02.28	089	-----	---	---
FEV.5/FVC	(%) -----	81.69	---	-----	---	---
FEV3/FVC	(%) 97.16	100.00	103	-----	---	---
FET	(Sec) -----	00.93	---	-----	---	---
ExptTime	(Sec) -----	00.03	---	-----	---	---
Lung Age	(Yrs) 042	038	090	-----	---	---
FEV6	(L) 03.17	-----	---	-----	---	---
FIF25%	(L/s) -----	07.21	---	-----	---	---
FIF50%	(L/s) -----	06.94	---	-----	---	---
FIF75%	(L/s) -----	05.63	---	-----	---	---

Pre Test COPD Severity

Test within normal limits

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



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



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- **Raunak Multispeciality Hospital**  
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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



INV. No. DHAR-INV-K-19/2023(18278)  
Patient Name **Mr. ASHISH KHULVE**  
Age/Gen 42 Years | Male  
Referred By **J.K CEMENT WORKS -JHARLI**  
Source **SAFETY HEALTH CARE OSS+**  
ID No 13002173



Barcode No 14825  
Invoice Generated 01/11/2023  
Sample Received 01/11/2023  
Report Generated 06/11/2023



## Report Of Haematology Examination

Investigation	Result	Unit(s)	Reference Range
<b>COMPLETE HAEMOGRAM</b>			
Haemoglobin (Hb)% Method (Photometry)	15.9	g/dL	13 - 17
Total RBC (Red Cell Count) Method (Impedance)	5.79 ↑	mill/cumm	4.5 - 5.5
PCV	55.9 ↑	%	42 - 48
MCV	97	fL	80 - 100
MCH	27	pg	27 - 34
MCHC	28.4	g/dL	32 - 36
RDW	15.1 ↑	%	11.5 - 14.5
RDW-SD Method (Analyser Calculation)	55 ↑	fL	37 - 54
Total Leucocyte Count (TLC) Method (Impedance)	9630	/cumm	4000 - 11000
<b>Differential count of Leucocytes</b>			
Neutrophils	55	%	40 - 70
Lymphocytes	32	%	20 - 40
Monocytes	07	%	02 - 08
Eosinophils	06	%	01 - 06
Basophils	00	%	00 - 01
Total Platelets Count (PC) Method (Impedance)	226000	/cumm	150000 - 450000
MPV	11 ↑	fL	6.0 - 9.5
ESR Method (Westergren & Manual)	14	mm/h(1st Hr.)	0 - 20
PDW	15.9	%	9 - 17

~~~~~ End of report ~~~~~



*[Signature]*

Puneet Shrivastava  
B.M.L.T(Lab Technician)

### SAFETY HEALTH CARE

Employee's safety &amp; healthcare at workplace

Dr. Lalit

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M.D. Pathology

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INV. No. DHAR-INV-K-19/2023(18278)  
 Patient Name **Mr. ASHISH KHULVE**  
 Age/Gen 42 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source **SAFETY HEALTH CARE OSS\***  
 ID No 13002173



Barcode No 14824  
 Invoice Generated 01/11/2023  
 Sample Received 01/11/2023  
 Report Generated 06/11/2023

**Report Of Clini Patho Examination**

| Investigation                                           | Result      | Unit(s) | Reference Range |
|---------------------------------------------------------|-------------|---------|-----------------|
| <b>URINE FOR ROUTINE EXAMINATION</b>                    |             |         |                 |
| <b>General Examination</b>                              |             |         |                 |
| Urine Volume                                            | 30          | ml      | -               |
| Urine Color                                             | Pale Yellow |         |                 |
| Urine Appearance                                        | Transparent |         |                 |
| Urine Deposit                                           | Absent      |         |                 |
| Urine Specific Gravity                                  | 1.015       |         | -               |
| <b>Chemical Examination (Automated Dipstick Method)</b> |             |         |                 |
| Urine Reaction                                          | pH - 6.5    |         |                 |
| Urine Protein (Albumin)                                 | Absent      |         |                 |
| Urine Ketones (Acetone)                                 | Absent      |         |                 |
| Urine Glucose (Sugar)                                   | Absent      |         |                 |
| Urine Bile pigments                                     | Absent      |         |                 |
| Urine Bile salts                                        | Absent      |         |                 |
| Urine Urobilinogen                                      | Absent      |         |                 |
| Urine Nitrite                                           | Absent      |         |                 |
| Urine Blood                                             | Absent      |         |                 |
| <b>Microscopical Examination</b>                        |             |         |                 |
| Urine Pus Cells (WBCs)                                  | 1-2         | /hpf    | 0-5             |
| Urine Red blood cells                                   | 00          | /hpf    | 0 - 2           |
| Urine Epithelial cells                                  | 2-4         | /hpf    | 0-4             |
| Urine Crystals                                          | Absent      |         |                 |
| Urine Cast                                              | Absent      |         |                 |
| Urine Bacteria                                          | Not found   |         |                 |
| Urine Yeast cells                                       | Absent      |         |                 |

~~~~~ End of report ~~~~~



*[Signature]*

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**SAFETY HEALTH CARE**

Employee's safety &amp; healthcare at workplace

*[Signature]*

**Dr. Lalit**  
 M.D. Pathology



# SAFETY HEALTH CARE

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Badarpur, Delhi



INV. No. DHAR-INV-K-19/2023(18278)  
 Patient Name **Mr. ASHISH KHULVE**  
 Age/Gen 42 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source SAFETY HEALTH CARE OSS\*  
 ID No 13002173



Barcode No 14148  
 Invoice Generated 01/11/2023  
 Sample Received 01/11/2023  
 Report Generated 01/11/2023



## Report Of Biochemistry Examination

| Investigation   | Result | Unit(s) | Reference Range |
|---|--------|---------|-----------------|
| <b>KIDNEY FUNCTION TEST (KFT)</b>                     |        |         |                 |
| Serum Urea<br>Method (Urease-GLOH)                    | 31.4   | mg/dL   | 15 - 40         |
| Serum Creatinine<br>Method (Enzymatic Method)         | 0.7    | mg/dL   | 0.6 - 1.3       |
| Serum Uric Acid<br>Method (Uricase-Peroxidase Method) | 4.5    | mg/dL   | 3.4 - 7.0       |
| Serum Sodium<br>Method (Electrolyte)                  | 141.3  | mmol/L  | 135 - 145       |
| Serum Potassium<br>Method (ISE Method)                | 4.6    | mmol/L  | 3.5 - 5.0       |

### Comment :

Renal Function Test is a profile of biochemistry blood tests that are useful to assess renal function. The RFT Test includes several parameters such as Creatinine, Potassium, Phosphorous, Uric Acid, Chloride, Sodium, Blood Urea, Blood Urea Nitrogen, and Calcium. Low serum creatinine values are rare; they almost always reflect low muscle mass. Apart from renal failure Blood Urea can increase dehydration and GI bleeding.

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



*[Signature]*

Puneet Shrivastava  
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*[Signature]*

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 ID No 13002173



Barcode No 14147  
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 Report Generated 01/11/2023



## Report Of Biochemistry Examination

| Investigation                   | Result | Unit(s) | Reference Range  |
|---------------------------------|--------|---------|--|
| <b>LIPID PROFILE</b>            |        |         |  |
| Serum Cholesterol               | 174.3  | mg/dL   | <200 Desirable 200-239 Border line High >240 High Risk   |
| Serum Triglyceride              | 138.3  | mg/dL   | Normal: < 150 mg/dL Borderline High: 150-199 mg/dL High: 200-499 mg/dL Very High: > or = 500 mg/dL                           |
| Serum HDL-Cholesterol           | 41.3   | mg/dL   | Risk level < 30  |
| Serum LDL                       | 94.4   | mg/dL   | Normal - <100 mg/dL Above Normal - 100-129 mg/dL Borderline High - 130-159 mg/dL High - 160-189 mg/dL Very High - ≥190 mg/dL |
| Serum VLDL                      | 28     | mg/dL   | <40  |
| Serum Cholesterol/ HDL Ratio    | 4.22   |         | > 5.0 High Risk  |
| Serum LDL/HDL Cholesterol Ratio | 2.29   |         | Low Risk 0.5-3.0, Moderate Risk 3.0-6.0, High Risk >6.0  |

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



*[Signature]*  
 Puneet Shrivastava

B.M.L.T (Lab Technician)

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 ID No 13002173



Barcode No 14146  
 Invoice Generated 01/11/2023  
 Sample Received 01/11/2023  
 Report Generated 01/11/2023



## Report Of Biochemistry Examination

| Investigation  | Result | Unit(s) | Reference Range |
|--|--------|---------|-----------------|
| <b>BILIRUBIN (TOTAL AND DIRECT)</b>                            |        |         |                 |
| Serum Bilirubin ( Total )<br>Method (Jendrassik & Grof Method) | 0.5    | mg/dL   | 0.1 - 1.2       |
| Serum Bilirubin ( Conj )<br>Method (Jendrassik & Grof Method)  | 0.2    | mg/dL   | 0.1 - 0.4       |
| Serum Bilirubin ( Uncon )<br>Method (Calculated)               | 0.3    | mg/dL   | 0.2 - 0.8       |

1. In newborns with CB levels  $\geq 0.5$  mg/dL and  $< 2$  mg/dL, the infection must be ruled out, and the newborn should be observed. In newborns with levels  $\geq 2$  mg/dL, a more in-depth assessment of the hepatobiliary system is indicated. (interpreting conjugated bilirubin level in newborns, [Epub 2010 Nov 12])

~~~~~ End of report ~~~~~



Puneet Shrivastava  
B.M.L.T (Lab Technician)

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Dr. Lalit

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Badarpur, Delhi

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

|                                         |                |                  |
|-----------------------------------------|----------------|------------------|
| Name: ASHISH KHULVE<br>13002173 MANAGER | Age/Sex: 42/ M | Date: 30/11/2023 |
|-----------------------------------------|----------------|------------------|

**Report:-**

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

Please correlate clinically.

Not for Medico legal Purpose



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

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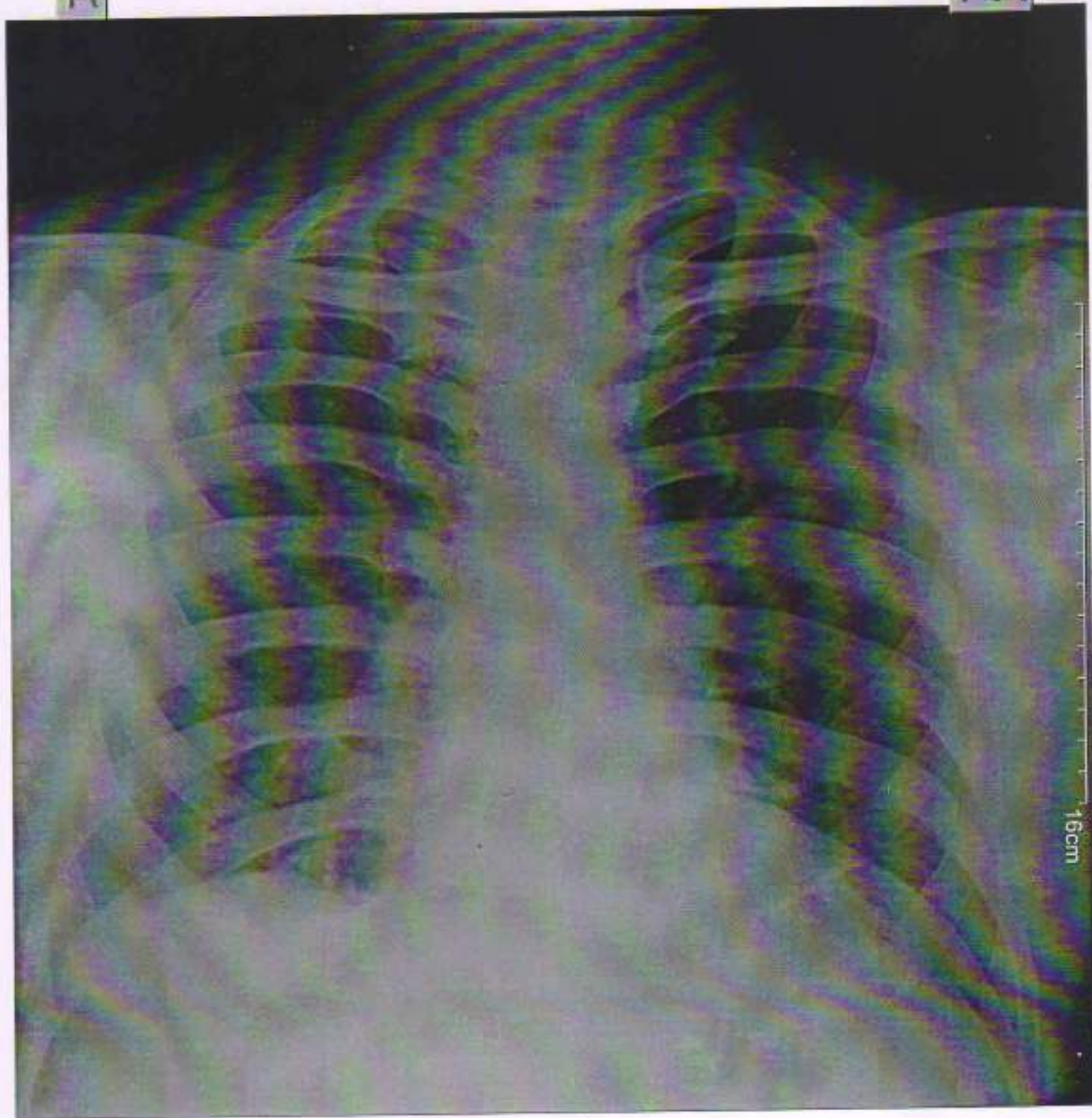
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R

PA



**SAFETY HEALTH CARE** (ISO 9001:2015 Certified)**Occupational Health Examination Record**I. Name of Employee: Sandeep Kumar Age/Sex: 31/MII. Mobile Number : 9992161700 Emp. Code: 2500011

## 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>9 years</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 183 Cms 2. Weight 85 Kg 3. Pulse 87 / Min 4. B.P. 120/80 mm of Hg  
 5. SpO2 98 % 6. Temp 94.8 F 7. RR 25.4 / Min 8. C.C. .... Cms 9. A.C. .... Cms

## VI. Systemic Examination

1. Chest Auscultation: ..... 2. CVS: S1 S2 .....

3. Eye Test : Vision for Distance & Near 6/6Colour Vision: ✓ / WNLNVK / NG.VII. Blood Sugar (R) 136 mg/dl (P.P) .....

VIII. Acrophobia: (After on Height) B.P. .... mm/Hg Pulse .... /min Excessive Perspiration: Y/N

Doctor's advice if any

Other Investigations (Reports Attached)

Name &amp; Address of Industry:

Date of examination:

For Safety Health Care

Dr. VIKAS CHANDHARY

(Occupational Health Physician)

Occupational Health Physician

31/10/23

Employee's safety &amp; healthcare at workplace

B-10, Tajpur Road, Badarpur Border, New Delhi - 110044 Mob. : 8700049673, 9717591112

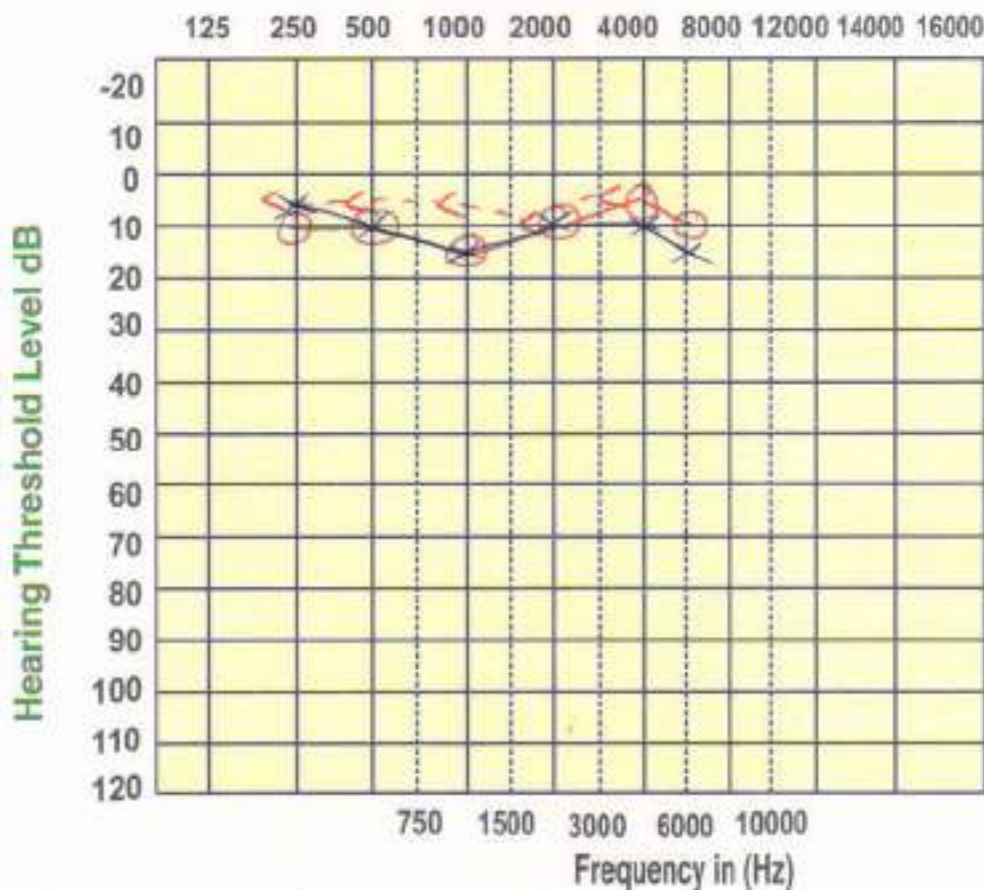
email: safetyhealthcare@yahoo.in , website: www.safetyhealthcare.in



**SAFETY HEALTH CARE** (ISO 9001:2015 Certified)**AUDIOGRAM**

Electrical

3500011

Name : Sandeep Kumar Age/Sex : 31/M Date : 31/10/23 Mobile. No. 999 216170 0ऑडियोग्राम  
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 |                         |      |
|             | Sound Field             | S    |
|             | Sound Field no response | S↙   |

Diagnosis : Hearing sensitivity within Normal limits for both ears

Advice :

Audiologist



For Safety Health Care

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

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# SAFETY HEALTH CARE

Multispecialist Hospital Dabua Colony, Sec-50, Faridabad

Patient: SANDEEP KUMAR

Refd. By:

Pred. Eqns: RECORDERS

Date : 19-Nov-2023 12:02 PM

Age : 31 Yrs

Height : 182 Cms

Weight : 85 Kgs

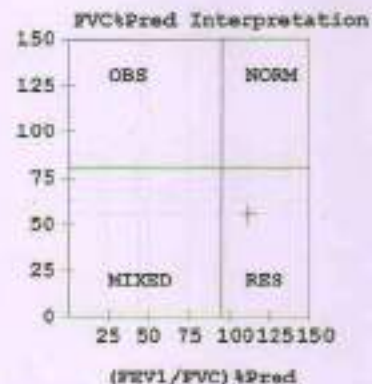
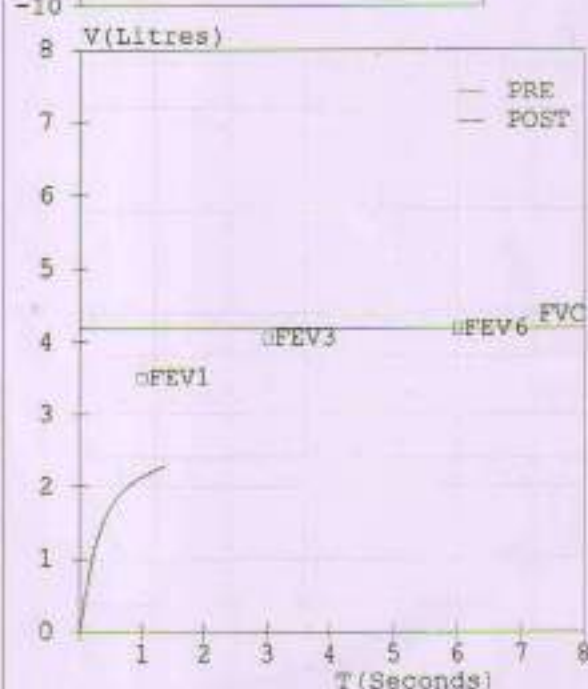
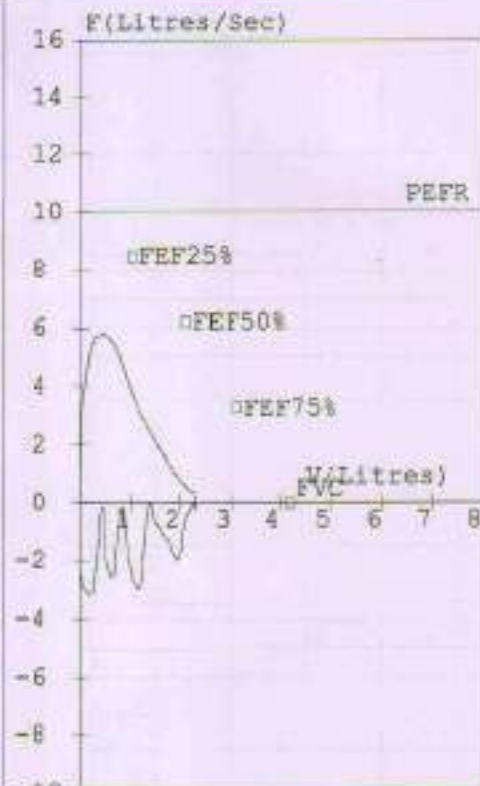
ID : 3500011

Gender : Male

Smoker : No

Eth. Corr: 100

Temp :



## FVC Results

| Parameter       | Pred  | M.Pre  | %Pred | M.Post | %Pred | %Imp |
|-----------------|-------|--------|-------|--------|-------|------|
| FVC (L)         | 04.18 | 02.29  | 055   | -----  | ---   | ---  |
| FEV1 (L)        | 03.50 | 02.15  | 061   | -----  | ---   | ---  |
| FEV1/FVC (%)    | 83.73 | 93.89  | 112   | -----  | ---   | ---  |
| FEF25-75 (L/s)  | 04.57 | 02.95  | 065   | -----  | ---   | ---  |
| PEFR (L/s)      | 10.02 | 05.76  | 057   | -----  | ---   | ---  |
| FIVC (L)        | ----- | 03.24  | ---   | -----  | ---   | ---  |
| FEV.5 (L)       | ----- | 01.74  | ---   | -----  | ---   | ---  |
| FEV3 (L)        | 04.05 | 02.29  | 057   | -----  | ---   | ---  |
| PIFR (L/s)      | ----- | 03.35  | ---   | -----  | ---   | ---  |
| FEF75-95 (L/s)  | ----- | 01.10  | ---   | -----  | ---   | ---  |
| FEF.2-1.2 (L/s) | 08.11 | 04.63  | 057   | -----  | ---   | ---  |
| FEF 25% (L/s)   | 08.48 | 05.58  | 066   | -----  | ---   | ---  |
| FEF 50% (L/s)   | 06.20 | 03.27  | 053   | -----  | ---   | ---  |
| FEF 75% (L/s)   | 03.26 | 01.45  | 044   | -----  | ---   | ---  |
| FEV.5/FVC (%)   | ----- | 75.98  | ---   | -----  | ---   | ---  |
| FEV3/FVC (%)    | 96.89 | 100.00 | 103   | -----  | ---   | ---  |
| FET (Sec)       | ----- | 01.40  | ---   | -----  | ---   | ---  |
| ExptTime (Sec)  | ----- | 00.07  | ---   | -----  | ---   | ---  |
| Lung Age (Yrs)  | 031   | 043    | 139   | -----  | ---   | ---  |
| FEV6 (L)        | 04.18 | -----  | ---   | -----  | ---   | ---  |
| FIF25% (L/s)    | ----- | 02.27  | ---   | -----  | ---   | ---  |
| FIF50% (L/s)    | ----- | 02.89  | ---   | -----  | ---   | ---  |
| FIF75% (L/s)    | ----- | 00.00  | ---   | -----  | ---   | ---  |

Pre Test COPD Severity

Restrictive stage COPD as FEV1/FVC >= 70% and FEV1 < 80%

Pre Medical Report Indicates

Early Small Airways Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70

Moderate Restriction as (FEV1/FVC)%Pred >95 and FVC%Pred <64



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



# SAFETY HEALTH CARE

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

- **Raunak Multispeciality Hospital**  
Daubua Colony, Faridabad, NABH Accredited
- **SMS Multispeciality Hospital**  
Sec-3, Ballabhgarh, Faridabad

- **DD Diagnostic & Viapath Lab**  
Sec 10, Gurugram, (NABL Accredited)
- **Wellcare & CRL Diagnostic** (NABL Accredited) Lab  
Badarpur, Delhi



INV. No. DHAR-INV-K-348/2023(18607)  
 Patient Name **Mr. SANDEEP KUMAR**  
 Age/Gen 31 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source SAFETY HEALTH CARE OSS\*  
 ID No 3500011



Barcode No 15758  
 Invoice Generated 04/11/2023  
 Sample Received 04/11/2023  
 Report Generated 07/11/2023



## Report Of Haematology Examination

| Investigation                                                    | Result | Unit(s)       | Reference Range |
|------------------------------------------------------------------|--------|---------------|-----------------|
| <b>COMPLETE HAEMOGRAM</b>                                        |        |               |                 |
| Haemoglobin (Hb)%<br><small>Method (Photometry)</small>          | 14.7   | g/dL          | 13 - 17         |
| Total RBC (Red Cell Count)<br><small>Method (Impedance)</small>  | 4.93   | mill/cumm     | 4.5 - 5.5       |
| PCV                                                              | 46.2   | %             | 42 - 48         |
| MCV                                                              | 94     | fL            | 80 - 100        |
| MCH                                                              | 30     | pg            | 27 - 34         |
| MCHC                                                             | 32     | g/dL          | 32 - 36         |
| RDW                                                              | 13.4   | %             | 11.5 - 14.5     |
| RDW-SD<br><small>Method (Analyser Calculation)</small>           | 48.3   | fL            | 37 - 54         |
| Total Leucocyte Count (TLC)<br><small>Method (Impedance)</small> | 8440   | /cumm         | 4000 - 11000    |
| <b>Differential count of Leucocytes</b>                          |        |               |                 |
| Neutrophils                                                      | 59     | %             | 40 - 70         |
| Lymphocytes                                                      | 32     | %             | 20 - 40         |
| Monocytes                                                        | 7      | %             | 02 - 08         |
| Eosinophils                                                      | 2      | %             | 01 - 06         |
| Basophils                                                        | 00     | %             | 00 - 01         |
| Total Platelets Count (PC)<br><small>Method (Impedance)</small>  | 258000 | /cumm         | 150000 - 450000 |
| MPV                                                              | 8.4    | fL            | 6.0 - 9.5       |
| ESR<br><small>Method (Westergren &amp; Manual)</small>           | 14     | mm/h(1st Hr.) | 0 - 20          |
| PDW                                                              | 15.9   | %             | 9 - 17          |

End of report ~~~~~



Puneet Shrivastava  
B.M.L.T(Lab Technician)

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

Dr. Lalit  
M.D. Pathology

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Badarpur, Delhi

INV. No. DHAR-INV-K-348/2023(18607)  
 Patient Name **Mr. SANDEEP KUMAR**  
 Age/Gen 31 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source SAFETY HEALTH CARE OSS\*  
 ID No 3500011



Barcode No 15258  
 Invoice Generated 04/11/2023  
 Sample Received 04/11/2023  
 Report Generated 06/11/2023



## Report Of Biochemistry Examination

| Investigation                                                  | Result | Unit(s) | Reference Range |
|----------------------------------------------------------------|--------|---------|-----------------|
| <b>BILIRUBIN (TOTAL AND DIRECT)</b>                            |        |         |                 |
| Serum Bilirubin ( Total )<br>Method (Jendrassik & Grof Method) | 0.69   | mg/dL   | 0.1 - 1.2       |
| Serum Bilirubin ( Conj )<br>Method (Jendrassik & Grof Method)  | 0.23   | mg/dL   | 0.1 - 0.4       |
| Serum Bilirubin ( Uncon )<br>Method (Calculated)               | 0.46   | mg/dL   | 0.2 - 0.8       |

1. In newborns with CB levels  $\geq 0.5$  mg/dL and  $< 2$  mg/dL, the infection must be ruled out, and the newborn should be observed. In newborns with levels  $\geq 2$  mg/dL, a more in-depth assessment of the hepatobiliary system is indicated. (interpreting conjugated bilirubin level in newborns.[Epub 2010 Nov 12])

~~~~~ End of report ~~~~~



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Dr.Lalit  
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Badarpur, Delhi



INV. No. DHAR-INV-K-348/2023(18607)  
 Patient Name **Mr. SANDEEP KUMAR**  
 Age/Gen 31 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source SAFETY HEALTH CARE OSS\*  
 ID No 3500011



Barcode No 15260  
 Invoice Generated 04/11/2023  
 Sample Received 04/11/2023  
 Report Generated 06/11/2023



## Report Of Biochemistry Examination

| Investigation                   | Result | Unit(s) | Reference Range  |
|---------------------------------|--------|---------|--|
| <b>LIPID PROFILE</b>            |        |         |  |
| Serum Cholesterol               | 178.3  | mg/dL   | <200 Desirable 200-239 Border line High >240 High Risk   |
| Serum Triglyceride              | 143.7  | mg/dL   | Normal: < 150 mg/dL Borderline High: 150-199 mg/dL High: 200-499 mg/dL Very High: > or = 500 mg/dL                           |
| Serum HDL-Cholesterol           | 47.3   | mg/dL   | Risk level < 30  |
| Serum LDL                       | 102    | mg/dL   | Normal - <100 mg/dL Above Normal - 100-129 mg/dL Borderline High - 130-159 mg/dL High - 160-189 mg/dL Very High - ?190 mg/dL |
| Serum VLDL                      | 29     | mg/dL   | <40  |
| Serum Cholesterol/ HDL Ratio    | 3.77   |         | > 5.0 High Risk  |
| Serum LDL/HDL Cholesterol Ratio | 2.16   |         | Low Risk 0.5-3.0, Moderate Risk 3.0-6.0, High Risk >6.0  |

~~~~~ End of report ~~~~~



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 Patient Name **Mr. SANDEEP KUMAR**  
 Age/Gen 31 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source SAFETY HEALTH CARE OSS\*  
 ID No 3500011



Barcode No 15399  
 Invoice Generated 04/11/2023  
 Sample Received 04/11/2023  
 Report Generated 07/11/2023

**Report Of Clini Patho Examination**

| Investigation                                           | Result      | Unit(s) | Reference Range |
|---------------------------------------------------------|-------------|---------|-----------------|
| <b>URINE FOR ROUTINE EXAMINATION</b>                    |             |         |                 |
| <b>General Examination</b>                              |             |         |                 |
| Urine Volume                                            | 25          | ml      | -               |
| Urine Color                                             | Pale Yellow |         |                 |
| Urine Appearance                                        | Watery      |         |                 |
| Urine Deposit                                           | Absent      |         |                 |
| Urine Specific Gravity                                  | 1.020       |         | -               |
| <b>Chemical Examination (Automated Dipstick Method)</b> |             |         |                 |
| Urine Reaction                                          | pH - 7.0    |         |                 |
| Urine Protein (Albumin)                                 | Absent      |         |                 |
| Urine Ketones (Acetone)                                 | Absent      |         |                 |
| Urine Glucose (Sugar)                                   | Absent      |         |                 |
| Urine Bile pigments                                     | Absent      |         |                 |
| Urine Bile salts                                        | Absent      |         |                 |
| Urine Urobilinogen                                      | Absent      |         |                 |
| Urine Nitrite                                           | Absent      |         |                 |
| Urine Blood                                             | Absent      |         |                 |
| <b>Microscopical Examination</b>                        |             |         |                 |
| Urine Pus Cells (WBCs)                                  | NIL         | /hpf    | 0-5             |
| Urine Red blood cells                                   | 0-1         | /hpf    | 0 - 2           |
| Urine Epithelial cells                                  | OCC.        | /hpf    | 0-4             |
| Urine Crystals                                          | Absent      |         |                 |
| Urine Cast                                              | Absent      |         |                 |
| Urine Bacteria                                          | Not found   |         |                 |
| Urine Yeast cells                                       | Absent      |         |                 |

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



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INV. No: DHAR-INV-K-348/2023(18607)  
 Patient Name: **Mr. SANDEEP KUMAR**  
 Age/Gen: 31 Years | Male  
 Referred By: **J.K CEMENT WORKS -JHARLI**  
 Source: SAFETY HEALTH CARE OSS\*  
 ID No: 3500011



Barcode No: 15261  
 Invoice Generated: 04/11/2023  
 Sample Received: 04/11/2023  
 Report Generated: 06/11/2023

**Report Of Biochemistry Examination**

| Investigation                                                        | Result | Unit(s) | Reference Range |
|----------------------------------------------------------------------|--------|---------|-----------------|
| <b>KIDNEY FUNCTION TEST (KFT)</b>                                    |        |         |                 |
| Serum Urea<br><small>Method (Urease-BLDH)</small>                    | 34     | mg/dL   | 15 - 40         |
| Serum Creatinine<br><small>Method (Enzymatic Method)</small>         | 0.76   | mg/dL   | 0.6 - 1.3       |
| Serum Uric Acid<br><small>Method (Uricase-Peroxidase Method)</small> | 3.56   | mg/dL   | 3.4 - 7.0       |
| Serum Sodium<br><small>Method (Electrolyte)</small>                  | 142.8  | mmol/L  | 135 - 145       |
| Serum Potassium<br><small>Method (ISE Method)</small>                | 4.78   | mmol/L  | 3.5 - 5.0       |

**Comment :**

Renal Function Test is a profile of biochemistry blood tests that are useful to assess renal function. The RFT Test includes several parameters such as Creatinine, Potassium, Phosphorous, Uric Acid, Chloride, Sodium, Blood Urea, Blood Urea Nitrogen, and Calcium. Low serum creatinine values are rare; they almost always reflect low muscle mass. Apart from renal failure Blood Urea can increase dehydration and GI bleeding.

~~~~~ End of report ~~~~~



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Sec 10, Gurugram, (NABL Accredited)
- **Wellcare & CRL Diagnostic** (NABL Accredited) Lab  
Badarpur, Delhi

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

Name: SANDEEP KUMAR  
3500011

Age/Sex: 31/M

Date: 31/11/2023

**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



Dr. VIKAS BHADHARY  
MBBS, AFM, D.M.R.D.  
Occupational Health Physician

**SAFETY HEALTH CARE**

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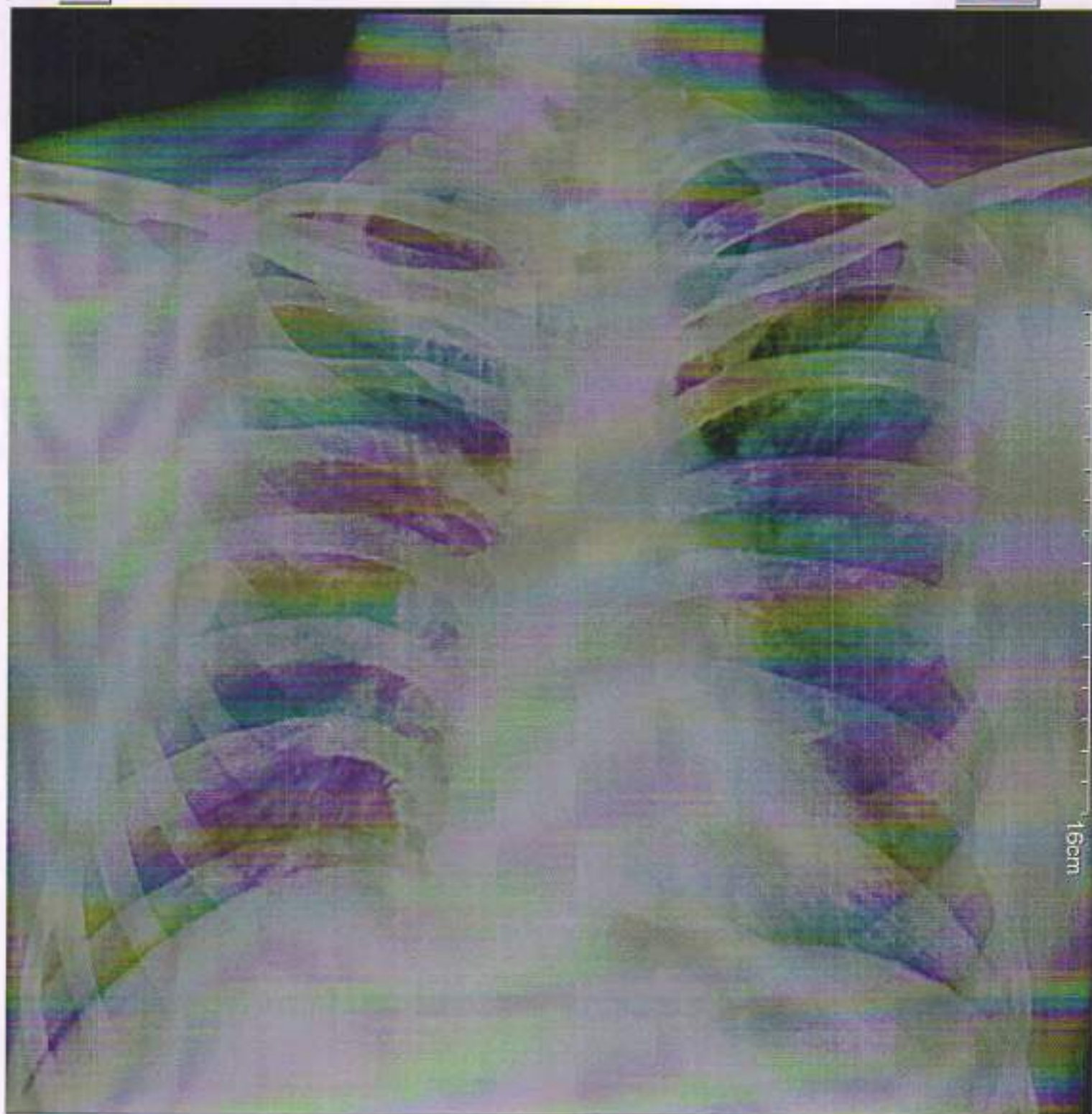
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R

PA



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

I. Name of Employee: Rajiv Singh Age/Sex: 37/M  
 II. Mobile Number: 8689045126 Emp. Code: 2740151

## 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) | कमी टीबी का इलाज हुआ है या चल रहा है (हाँ/नहीं) |
|--------------------------------|----------------------------------|---|---|
| <u>7 years</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 172 Cms 2. Weight 94 Kg 3. Pulse 100 / Min 4. B.P 140/90 mm of Hg  
 5. SpO2 95 % 6. Temp 95.5 F 7. BMI 31.4 /Min 8. C.C. .... Cms 9. A.C. .... Cms

## VI. Systemic Examination

1. Chest Auscultation: ..... 2. CVS: S1 S2 .....

3. Eye Test : Vision for Distance & Near VA < 6/9 NU < 1/6Colour Vision: < WNLVII. Blood Sugar (R) 135 Mg/dL (P.P) .....

VIII. Acrophobia: (After on Height) B.P ..... mm/Hg Pulse ..... /min Excessive Perspiration: Y/N

Doctor's advice if any

Other Investigations (Reports Attached)

Name &amp; Address of Industry:

Date of examination:

30/10/23

For Safety Health Care  
 Dr. VIKAS CAUDHARY  
 M.B.B.S. A.F.M. D.M.D.  
 (Occupational Health Physician)

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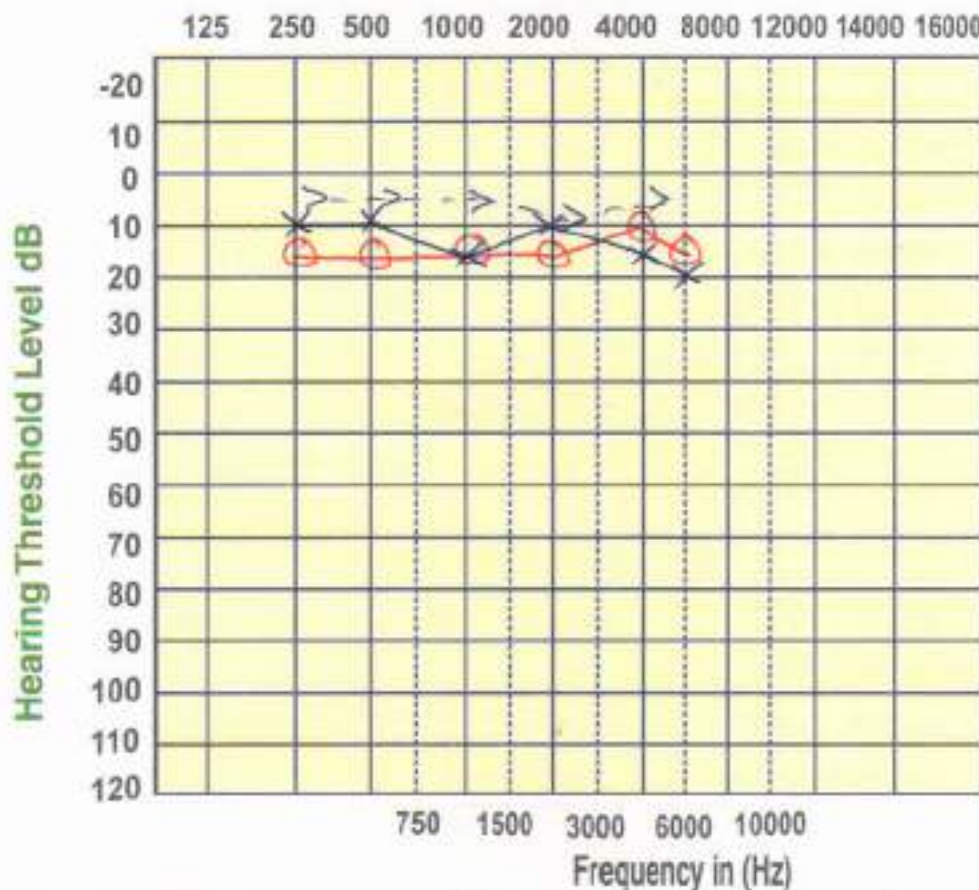
B-10, Tajpur Road, Badarpur Border, New Delhi - 110044 Mob. : 7982488517, 9717591112  
 E-mail : safetyhealthcare2@yahoo.com, deeptibhatlaa@gmail.com | www.safetyhealthcare.in



**SAFETY HEALTH CARE** (ISO 9001:2015 Certified)**AUDIOGRAM**

Mechanical

3740151

Name : Rajiv Singh Age/Sex : 37/M Date : 30/10/23 Mobile No. 8689045126ऑडियोग्राम  
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 : Hearing sensitivity within Normal limits for both ears

Advice :

Audiologist



For Safety Health Care  
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 (Occupational Health Physician)



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 email: safetyhealthcare@yahoo.in , website: www.safetyhealthcare.in



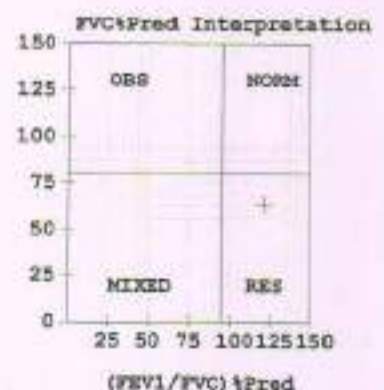
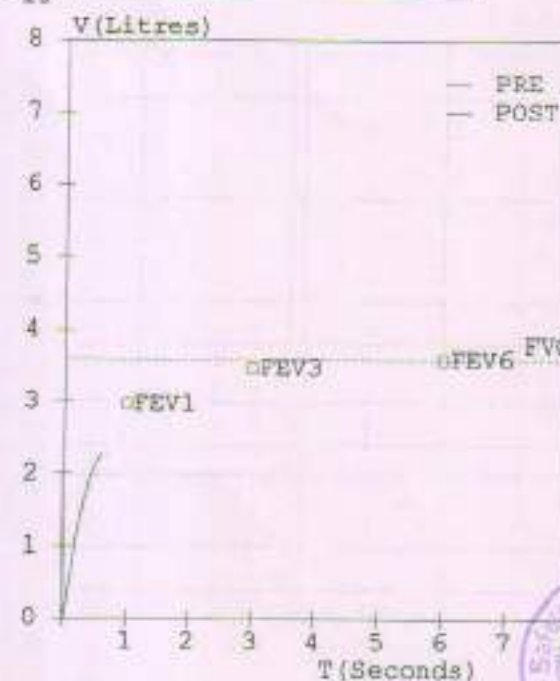
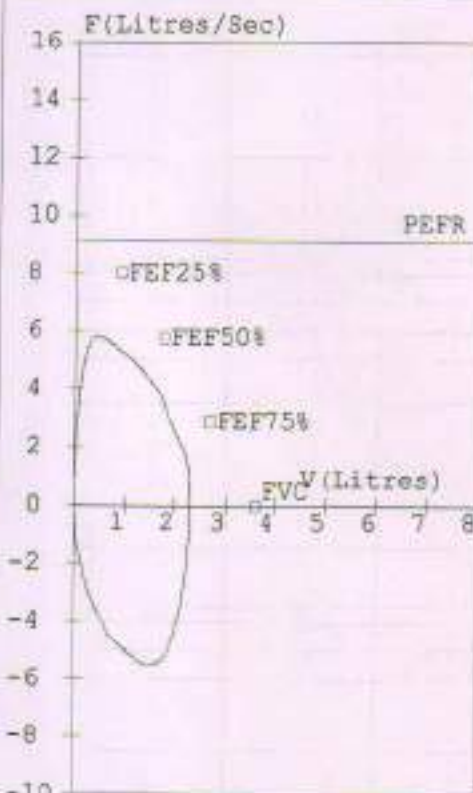
# SAFETY HEALTH CARE

RAUNAK HOSPITAL SEC-50 DABUA COLONY FARIDABAD

Patient: RAJU SINGH  
Refd. By:  
Pred. Eqs: RECORDERS  
Date : 30-Oct-2023 01:15 PM

Age : 37 Yrs  
Height : 172 Cms  
Weight : 94 Kgs  
ID : 3740151

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



## FVC Results

| Parameter       | Pred  | M.Pre %Pred | M.Post %Pred | %Imp |
|-----------------|-------|-------------|--------------|------|
| FVC (L)         | 03.59 | 02.29       | 064          | ---  |
| FEV1 (L)        | 02.97 | 02.29       | 077          | ---  |
| FEV1/FVC (%)    | 82.73 | 100.00      | 121          | ---  |
| FEF25-75 (L/s)  | 04.11 | 04.73       | 115          | ---  |
| PEFR (L/s)      | 09.10 | 05.79       | 064          | ---  |
| FIVC (L)        | ---   | 02.28       | ---          | ---  |
| FEV.5 (L)       | ---   | 02.15       | ---          | ---  |
| FEV3 (L)        | 03.48 | 02.29       | 066          | ---  |
| PIFR (L/s)      | ---   | 05.49       | ---          | ---  |
| FEF75-85 (L/s)  | ---   | 03.05       | ---          | ---  |
| FEF.2-1.2 (L/s) | 07.20 | 05.33       | 074          | ---  |
| FEF 25% (L/s)   | 08.01 | 05.68       | 071          | ---  |
| FEF 50% (L/s)   | 05.76 | 04.90       | 085          | ---  |
| FEF 75% (L/s)   | 02.87 | 03.64       | 127          | ---  |
| FEV.5/FVC (%)   | ---   | 93.89       | ---          | ---  |
| FEV3/FVC (%)    | 96.94 | 100.00      | 103          | ---  |
| PET (Sec)       | ---   | 00.59       | ---          | ---  |
| ExptTime (Sec)  | ---   | 00.07       | ---          | ---  |
| Lung Age (Yrs)  | 037   | 046         | 124          | ---  |
| FEV6 (L)        | 03.59 | ---         | ---          | ---  |
| FIF25% (L/s)    | ---   | 05.27       | ---          | ---  |
| FIF50% (L/s)    | ---   | 05.13       | ---          | ---  |
| FIF75% (L/s)    | ---   | 04.13       | ---          | ---  |

Pre Test COPD Severity

Restrictive stage COPD as FEV1/FVC  $\geq$  70% and FEV1  $<$  80%

Pre Medication Report Indicates  
Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred  $<$  70  
Moderate Restriction as (FEV1/FVC) %Pred  $>$  95 and FVC %Pred  $<$  64

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



# SAFETY HEALTH CARE

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

- **Raunak Multispeciality Hospital**  
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- **SMS Multispeciality Hospital**  
Sec- 3, Ballabgarh, Faridabad

- **DD Diagnostic & Viapath Lab**  
Sec 10, Gurugram, (NABL Accredited)
- **Wellcare & CRL Diagnostic (NABL Accredited) Lab**  
Badarpur, Delhi



INV. No. DHAR-INV-K-59/2023(18318)  
 Patient Name **Mr. RAJU SINGH**  
 Age/Gen 37 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source SAFETY HEALTH CARE OSS\*  
 ID No 3740151



Barcode No 14995  
 Invoice Generated 01/11/2023  
 Sample Received 01/11/2023  
 Report Generated 06/11/2023




## Report Of Haematology Examination

| Investigation  | Result | Unit(s)        | Reference Range |
|--|--------|----------------|-----------------|
| <b>COMPLETE HAEMOGRAM</b>  |        |                |                 |
| Haemoglobin (Hb)%<br><small>Method (Photometry)</small>          | 15.1   | g/dL           | 13 - 17         |
| Total RBC (Red Cell Count)<br><small>Method (Impedance)</small>  | 4.94   | mill/cumm      | 4.5 - 5.5       |
| PCV  | 54.7↑  | %              | 42 - 48         |
| MCV  | 111↑   | fL             | 80 - 100        |
| MCH  | 31     | pg             | 27 - 34         |
| MCHC   | 28↓    | g/dL           | 32 - 36         |
| RDW  | 15.6↑  | %              | 11.5 - 14.5     |
| RDW-SD<br><small>Method (Analyser Calculation)</small>           | 65↑    | fL             | 37 - 54         |
| Total Leucocyte Count (TLC)<br><small>Method (Impedance)</small> | 10160  | /cumm          | 4000 - 11000    |
| <b>Differential count of Leucocytes</b>                          |        |                |                 |
| Neutrophils  | 70     | %              | 40 - 70         |
| Lymphocytes  | 16↓    | %              | 20 - 40         |
| Monocytes  | 8      | %              | 02 - 08         |
| Eosinophils  | 06     | %              | 01 - 06         |
| Basophils  | 00     | %              | 00 - 01         |
| Total Platelets Count (PC)<br><small>Method (Impedance)</small>  | 322000 | /cumm          | 150000 - 450000 |
| MPV  | 10↑    | fL             | 6.0 - 9.5       |
| ESR<br><small>Method (Westergren &amp; Manual)</small>           | 17     | mm/h (1st Hr.) | 0 - 20          |
| PDW  | 15.7   | %              | 9 - 17          |

~~~~~ End of report ~~~~~




  
**Puneet Shrivastava**  
**B.M.L.T (Lab Technician)**

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

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

  
**Dr. Lalit**  
**M.D. Pathology**



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Badarpur, Delhi



INV. No. DHAR-INV-K-59/2023(18318)  
 Patient Name **Mr. RAJU SINGH**  
 Age/Gen 37 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source SAFETY HEALTH CARE OSS\*  
 ID No 3740151



Barcode No 14266  
 Invoice Generated 01/11/2023  
 Sample Received 01/11/2023  
 Report Generated 02/11/2023


**Report Of Biochemistry Examination**

| Investigation                                                  | Result | Unit(s) | Reference Range |
|----------------------------------------------------------------|--------|---------|-----------------|
| <b>BIIRUBIN (TOTAL AND DIRECT)</b>                             |        |         |                 |
| Serum Bilirubin ( Total )<br>Method (Jendrassik & Grof Method) | 0.64   | mg/dL   | 0.1 - 1.2       |
| Serum Bilirubin ( Conj )<br>Method (Jendrassik & Grof Method)  | 0.26   | mg/dL   | 0.1 - 0.4       |
| Serum Bilirubin ( Uncon )<br>Method (Calculated)               | 0.38   | mg/dL   | 0.2 - 0.8       |

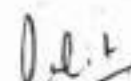
1. In newborns with CB levels  $\geq 0.5$  mg/dL and  $< 2$  mg/dL, the infection must be ruled out, and the newborn should be observed. In newborns with levels  $\geq 2$  mg/dL, a more in-depth assessment of the hepatobiliary system is indicated. (interpreting conjugated bilirubin level in newborns,[Epub 2010 Nov 12])

~~~~~ End of report ~~~~~



  
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Badarpur, Delhi



INV. No. DHAR-INV-K-59/2023(18318)  
 Patient Name **Mr. RAJU SINGH**  
 Age/Gen 37 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source **SAFETY HEALTH CARE OSS\***  
 ID No 3740151



Barcode No 14267  
 Invoice Generated 01/11/2023  
 Sample Received 01/11/2023  
 Report Generated 02/11/2023

**Report Of Biochemistry Examination**

| Investigation                   | Result | Unit(s) | Reference Range  |
|---------------------------------|--------|---------|--|
| <b>LIPID PROFILE</b>            |        |         |  |
| Serum Cholesterol               | 178.8  | mg/dL   | <200 Desirable 200-239 Border line High >240 High Risk   |
| Serum Triglyceride              | 137.4  | mg/dL   | Normal: < 150 mg/dL Borderline High: 150-199 mg/dL High: 200-499 mg/dL Very High: > or = 500 mg/dL                           |
| Serum HDL-Cholesterol           | 32.8   | mg/dL   | Risk level < 30  |
| Serum LDL                       | 119    | mg/dL   | Normal - <100 mg/dL Above Normal - 100-129 mg/dL Borderline High - 130-159 mg/dL High - 160-189 mg/dL Very High - ≥190 mg/dL |
| Serum VLDL                      | 27     | mg/dL   | <40  |
| Serum Cholesterol/ HDL Ratio    | 5.45   |         | > 5.0 High Risk  |
| Serum LDL/HDL Cholesterol Ratio | 3.63   |         | Low Risk 0.5-3.0, Moderate Risk 3.0-6.0, High Risk >6.0  |

~~~~~ End of report ~~~~~



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**B.M.L.T(Lab Technician)**

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Badarpur, Delhi



INV. No. DHAR-INV-K-59/2023(18318)  
 Patient Name **Mr. RAJU SINGH**  
 Age/Gen 37 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source SAFETY HEALTH CARE OSS\*  
 ID No 3740151



Barcode No 14268  
 Invoice Generated 01/11/2023  
 Sample Received 01/11/2023  
 Report Generated 02/11/2023



### Report Of Biochemistry Examination

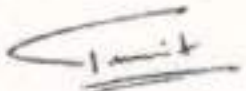
| Investigation                                         | Result | Unit(s) | Reference Range |
|-------------------------------------------------------|--------|---------|-----------------|
| <b>KIDNEY FUNCTION TEST (KFT)</b>                     |        |         |                 |
| Serum Urea<br>Method (Urease-GLDH)                    | 32.6   | mg/dL   | 15 - 40         |
| Serum Creatinine<br>Method (Enzymatic Method)         | 0.63   | mg/dL   | 0.6 - 1.3       |
| Serum Uric Acid<br>Method (Uricase-Peroxidase Method) | 3.53   | mg/dL   | 3.4 - 7.0       |
| Serum Sodium<br>Method (Electrolyte)                  | 138.8  | mmol/L  | 135 - 145       |
| Serum Potassium<br>Method (ISE Method)                | 4.71   | mmol/L  | 3.5 - 5.0       |

#### Comment :

Renal Function Test is a profile of biochemistry blood tests that are useful to assess renal function. The RFT Test includes several parameters such as Creatinine, Potassium, Phosphorous, Uric Acid, Chloride, Sodium, Blood Urea, Blood Urea Nitrogen, and Calcium. Low serum creatinine values are rare; they almost always reflect low muscle mass. Apart from renal failure Blood Urea can increase dehydration and GI bleeding.

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




  
 Puneet Shrivastava  
 B.M.L.T(Lab Technician)

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 Patient Name **Mr. RAJU SINGH**  
 Age/Gen 37 Years | Male  
 Referred By **J.K CEMENT WORKS -JHARLI**  
 Source **SAFETY HEALTH CARE OSS\***  
 ID No 3740151



Barcode No 14992  
 Invoice Generated 01/11/2023  
 Sample Received 01/11/2023  
 Report Generated 06/11/2023

**Report Of Clini Patho Examination**

| Investigation                                             | Result      | Unit(s) | Reference Range |
|-----------------------------------------------------------|-------------|---------|-----------------|
| <b>URINE FOR ROUTINE EXAMINATION</b>                      |             |         |                 |
| <b>⊕ General Examination</b>                              |             |         |                 |
| Urine Volume                                              | 30          | ml      |                 |
| Urine Color                                               | Pale Yellow |         |                 |
| Urine Appearance                                          | Transparent |         |                 |
| Urine Deposit                                             | Absent      |         |                 |
| Urine Specific Gravity                                    | 1.025       |         |                 |
| <b>⚗ Chemical Examination (Automated Dipstick Method)</b> |             |         |                 |
| Urine Reaction                                            | pH - 6.5    |         |                 |
| Urine Protein (Albumin)                                   | Absent      |         |                 |
| Urine Ketones (Acetone)                                   | Absent      |         |                 |
| Urine Glucose (Sugar)                                     | Absent      |         |                 |
| Urine Bile pigments                                       | Absent      |         |                 |
| Urine Bile salts                                          | Absent      |         |                 |
| Urine Urobilinogen                                        | Absent      |         |                 |
| Urine Nitrite                                             | Absent      |         |                 |
| Urine Blood                                               | Absent      |         |                 |
| <b>🔍 Microscopical Examination</b>                        |             |         |                 |
| Urine Pus Cells (WBCs)                                    | 3-4         | /hpf    | 0-5             |
| Urine Red blood cells                                     | 0-1         | /hpf    | 0 - 2           |
| Urine Epithelial cells                                    | 1-2         | /hpf    | 0-4             |
| Urine Crystals                                            | Absent      |         |                 |
| Urine Cast                                                | Absent      |         |                 |
| Urine Bacteria                                            | Not found   |         |                 |
| Urine Yeast cells                                         | Absent      |         |                 |

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



**Puneet Shrivastava**  
**B.M.L.T(Lab Technician)**

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**Dr.Lalit**  
**M.D. Pathology**

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Badarpur, Delhi

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

|                             |                |                  |
|-----------------------------|----------------|------------------|
| Name: RAJU SINGH<br>3740151 | Age/Sex: 37/ M | Date: 30/11/2023 |
|-----------------------------|----------------|------------------|

**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**

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

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Ref. No.: JKJharli/PC/970

Dated: 22<sup>nd</sup> September, 2023

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 2022 - 2023 of J.K. Cement Limited, Village - Jharli, Teshil - Matanhail, District - Jhajjar (Haryana).

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

Dear Sir,

With reference to above subject matter, please find enclosed herewith Environment Statement Report (Form - V) of J.K. Cement Limited, Jharli for the FY 2022 – 2023 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.)**

  
**Sameer Kumar Pujari**  
**(Unit Head & Authorized Signatory)**

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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## ENVIRONMENTAL STATEMENT

### FORM - V

Environmental Statement for the financial year 2022- 23, ending the 31<sup>st</sup> March' 2023

### PART-A

|                                                                               |                                                                                                 |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| i. Name an address of the owner/occupier of the industry operation or process | J.K. Cement Works, Jharli<br>Village: Jharli, Tehsil: Matanhail,<br>District: Jhajjar (Haryana) |
| ii. Industry category<br>Primary - (STC Code)<br>Secondary - (STC Code)       | Primary                                                                                         |
| iii. Production capacity<br>1. Cement<br>2. Tile Adhesive                     | 6240 MT/Day<br>144 MT/ Day                                                                      |
| iv. Year of establishment- (UNIT WISE)                                        | Year- 2014                                                                                      |
| v. Date of last environmental statement submitted                             | 23.09.2022                                                                                      |

### PART-B

#### WATER AND RAW MATERIAL CONSUMPTION

i. WATER CONSUMPTION (in m3/day)

Process : 2.31 m3/day  
Domestic : 41.26 m3/day

| Name of products | Process water consumption per unit of products       |                                                     |
|------------------|------------------------------------------------------|-----------------------------------------------------|
|                  | During the previous financial year (2021-22) (KL/MT) | During the current financial year (2022-23) (KL/MT) |
| 1. Cement        | 0.0019                                               | 0.0005                                              |
| 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 (2021-22)   | During the current financial year (2022-23) |
| Clinker              | Cement           | 0.55                                           | 0.55                                        |
| Gypsum               |                  | 0.10                                           | 0.09                                        |
| Flyash %             |                  | 0.32                                           | 0.31                                        |
| Pondash %            |                  | 0.02                                           | 0.04                                        |
| Silica Sand          | Tile Adhesive    | 0.74                                           | 0.67                                        |
| Cement               |                  | 0.24                                           | 0.30                                        |

PART-C

POLLUTION DISCHARGE TO ENVIRONMENT / UNIT OF OUTPUT

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

PART-D

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

| Hazardous waste                       | Total Quantity                                |                                              |
|---------------------------------------|-----------------------------------------------|----------------------------------------------|
|                                       | During previous financial year (2021-22) (KL) | During current financial year (2022-23) (KL) |
| (a) From Process                      | Used Oil (Cat. 5.1) – 5.464 MT                | Used Oil (Cat. 5.1) – 3.74 MT                |
| (b) From Pollution Control facilities | Not applicable                                | Not applicable                               |



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

**PART-E**  
**SOLID WASTE**

| Source                                               | Total Quantity                                                           |                                                                          |
|------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
|                                                      | During previous financial year (2021-22) (MT/Year)                       | During current financial year (2022-23) (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**

| <u>Name of solid waste</u>                             | Total Quantity                                     |                                                   |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------------|
|                                                        | During previous financial year (2021-22) (MT/Year) | During current financial year (2022-23) (MT/Year) |
| Metal Scrap                                            | 264.59                                             | 217.25                                            |
| Plastic Scrap                                          | 60.43                                              | 41.29                                             |
| Empty Drums                                            | 0                                                  | 0                                                 |
| 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.) | 0                                                  | 3.22                                              |
| Spent Batteries                                        | 0                                                  | 1.37                                              |
| 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 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 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.
- 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 tripper.
- 5) Cement being manufacturing 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 high efficient bag filters for fugitive dust emission control.



- 8) Proper Housekeeping and cleaning is 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) All Belt Conveyor belt are fully covered & also installed Bag filter at all material transfer points
- 11) Cemented road constructed to avoid fugitive dust generation during the movement of vehicle.
- 12) Ground water level monitoring being done.
- 13) Industry has constructed 11 Nos. of rain water harvesting structures in plant & nearby Villages to recharge ground water.
- 14) Total 107000 plants planted till March - 2023 and 107000 m<sup>2</sup> area covered (36.72% area) under green belt.

Yours faithfully,  
For JK Cement Works, Jharli

  
**Sameer Pujari**  
Unit Head  
J.K. Cement Works  
Jharli, Jhajjar(Haryana)-124106



Authorized signatory

**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