

Ref. No.: AL/EMD/MoEF/2019-20/F 02/004

Date: 23.05.2024

To

**The Deputy Director General of Forest (C),**  
Ministry of Environment, Forest and Climate Change,  
Integrated Regional Office, Kendriya Bhawan, 5<sup>th</sup> Floor, Sector-H,  
**Aliganj, Lucknow-226020 (UP), Email: rocz.lko-mef@nic.in**

**Sub.:** Submission of the Six Monthly Compliance Report of stipulated conditions in the Environmental Clearance granted for Clinker Grinding Unit of Capacity 2.0 MTPA of M/s. J.K. Cement Works, at Village: Satha, Tehsil: Koil, District: Aligarh (UP) for the period: **Oct '2023 to Mar'2024.**

**Ref.:** EC granted by SEIAA vide letter No.: 532/Parya/SEAC/4214/2018, dated 27<sup>th</sup> November, 2018.

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, Lucknow (UP) for Clinker Grinding Unit of Capacity 2.0 Million TPA of M/s. J.K. Cement Works, at Village: Satha, Tehsil: Koil, District: Aligarh (UP) for the period: **Oct '2023 to Mar'2024** as per the above reference EC letter. In compliance with MoEF & CC O.M. dated 18.07.2022 we are also submitting a report on mesasures 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.

Thanking you,

Yours faithfully,

For, J.K. Cement Works,

(Hemat Dave)  
(Head - Grinding Unit)

Encl.: As above

Cc to:

1. The Member Secretary, UP State Pollution Control Board, Building No. TC-12 V, Vibhuti Khand, Gomti Nagar, Lucknow-226 010, Email: ms@uppcb.com
2. The Regional Director, CPCB Regional Office, Zonal Office (North), PICUP Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226 010, Email: skgupta110@yahoo.com
3. Regional Officer, UPPCB, J-1 Gyan Sarovar Colony, Ramghat Road, Aligarh, Email: roaligarh@uppcb.com



Corporate Office

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- ☎ +011-49220000
- ✉ admin.padamtower@jkcement.com
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**JK SUPER  
CEMENT**  
BUILD SAFE

Manufacturing Units at :

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

JK CEMENT  
**WallMaxX**  
White Cement Wall Putty



# ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT

(Period Oct 2023 to March 2024)

J. K. CEMENT WORKS, Village- Satha, Tehsil- Koil, Dist. Aligarh (UP)

EC Letter No. 532/Parya/SEAC/4214/2018, dated 27<sup>th</sup> November, 2018

Date: 23-5-24

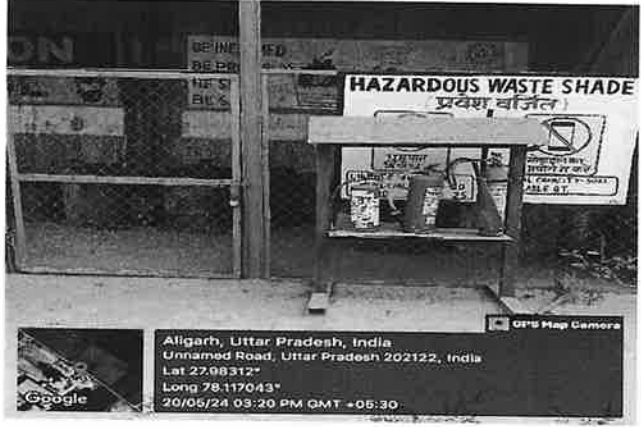
C. No.	S. No.	Details of Conditions	Conditions Compliance Status
I	Statutory compliance		
	i	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	There is no forest land involved in the project area. NOC Letter issued from DFO vide letter no. 2896 /14-10/ALIGARH dt. 27.02.2019, enclosed as <b>Annexure-1</b> . Hence, diversion of land is not applicable.
	ii	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	Not Applicable.
	iii	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/ Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).	Not Applicable.
	iv	The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	Complied with. <ol style="list-style-type: none"><li>Consent to Establish has been obtained from UPPCB vide letter No. 26748/UPPCB/Aligarh(UPPCBRO)/CTE/Aligarh/ 2018, dated 20.08.2018 copy is attached as <b>Annexure-2</b>.</li><li>Consolidated Consent to Operate authorization has been obtained for under Section-25 of the Water (Prevention &amp; Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention &amp; Control of Pollution) Act, 1981 vide letter No. 194855/UPPCB/Aligarh(UPPCBRO)/CTO/both/ALIGARH /2023 dt 18/02/24. granted for the period from 01/01/2024 to 31/12/2028.</li></ol> Copy of Consolidated Consent to Operate issued under Air & Water is attached as <b>Annexure-3</b> .
	v	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned in case of drawl of surface water required for the project.	Complied with. Groundwater withdrawal permission have been issued by UPGWA on 25 Dec 2020 with a validity of 6 years. Renewal of NOC has also been obtained from UPGWA with registration no.20210700720 & 202107000395 which is valid up to 08.08.2026. copy of ground water permission is attached as <b>annexure 4</b>
	vi	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time	Complied with. HW authorization has been obtained from UPPCB vide letter no.

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		to time.	<p>11919/UPPCB/Aligarh(UPPCBRO)/HWM/ALIGARH/2020 dated: 12/06/2020 &amp; amended vide letter no. H50793 C-4/ Hazards/2019 dated 08.07.2020 which is valid up to 11.06.2025, copy is attached as <b>Annexure-5</b>.</p> 																																			
<b>II</b>	<b>Air quality monitoring and preservation</b>																																					
	i	<p>The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules, 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.</p>	<p>Complied with.</p> <p>OCEMS for PM emission monitoring has been installed at Cement Mill stack and connected with server of SPCB and CPCB.</p>																																			
	ii	<p>The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.</p>	<p>Complying with.</p> <p>Fugitive emission monitored by EPA recognised Lab, report is attached as <b>Annexure 6</b></p> <p>Quarterly fugitive emission results (in mg/M<sup>3</sup>) are as:-</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Month</th> <th>L-1</th> <th>L-2</th> <th>L-3</th> <th>L-4</th> </tr> </thead> <tbody> <tr> <td><b>Oct-23</b></td> <td>1.26</td> <td>1.52</td> <td>1.33</td> <td>0.96</td> </tr> <tr> <td><b>Nov-23</b></td> <td>1.22</td> <td>1.43</td> <td>1.39</td> <td>0.99</td> </tr> <tr> <td><b>Dec-23</b></td> <td>1.22</td> <td>1.44</td> <td>1.37</td> <td>0.98</td> </tr> <tr> <td><b>Jan-24</b></td> <td>1.25</td> <td>1.52</td> <td>1.33</td> <td>0.96</td> </tr> <tr> <td><b>Feb-24</b></td> <td>1.23</td> <td>1.42</td> <td>1.39</td> <td>0.97</td> </tr> <tr> <td><b>Mar-24</b></td> <td>1.23</td> <td>1.52</td> <td>1.38</td> <td>0.98</td> </tr> </tbody> </table>	Month	L-1	L-2	L-3	L-4	<b>Oct-23</b>	1.26	1.52	1.33	0.96	<b>Nov-23</b>	1.22	1.43	1.39	0.99	<b>Dec-23</b>	1.22	1.44	1.37	0.98	<b>Jan-24</b>	1.25	1.52	1.33	0.96	<b>Feb-24</b>	1.23	1.42	1.39	0.97	<b>Mar-24</b>	1.23	1.52	1.38	0.98
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EC Letter No. 532/Parya/SEAC/4214/2018, dated 27<sup>th</sup> November, 2018


			L1- Unloading Area L-2-Cement mill L-3- Fly ash Silo Area L-4- Packing area																																																																																																									
	iii	The project proponent shall install system carryout to Ambient Air Quality monitoring for common /criterion parameters relevant to the main pollutants released (e.g. PM <sub>10</sub> and PM <sub>2.5</sub> in reference to PM emission, SO <sub>2</sub> and NO <sub>x</sub> in reference to SO <sub>2</sub> and NO <sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering up wind and downwind directions. (Case to case basis small plants :Manual; Large plants: Continuous).	Complying with. Four nos. of Ambient air monitoring stations have been installed and monitoring is being done regularly. The NABL accredited laboratory report is attached as <b>Annexure:7</b> Station 1: Plant boundary towards east direction are as :-All the results in (µg/m <sup>3</sup> ) <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Month</th> <th>PM10</th> <th>PM2.5</th> <th>SO2</th> <th>NOX</th> </tr> </thead> <tbody> <tr><td>Oct,23</td><td>52.5</td><td>31.8</td><td>12.6</td><td>29.6</td></tr> <tr><td>Nov,23</td><td>56.8</td><td>36.8</td><td>14.2</td><td>22.4</td></tr> <tr><td>Dec'23</td><td>48.5</td><td>35.4</td><td>14.9</td><td>25.9</td></tr> <tr><td>Jan,24</td><td>49.8</td><td>31.4</td><td>12.0</td><td>28.9</td></tr> <tr><td>Feb,24</td><td>56.8</td><td>36.8</td><td>14.2</td><td>22.4</td></tr> <tr><td>Mar,24</td><td>55.6</td><td>35.3</td><td>15.0</td><td>25.6</td></tr> </tbody> </table> Station 2: Plant boundary towards west direction (Project office) <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Month</th> <th>PM10</th> <th>PM2.5</th> <th>SO2</th> <th>NOX</th> </tr> </thead> <tbody> <tr><td>Oct,23</td><td>54.6</td><td>39.2</td><td>14.0</td><td>26.1</td></tr> <tr><td>Nov,23</td><td>51.9</td><td>32.7</td><td>14.0</td><td>20.9</td></tr> <tr><td>Dec'23</td><td>50.5</td><td>36.3</td><td>15.2</td><td>25.2</td></tr> <tr><td>Jan,24</td><td>52.3</td><td>36.1</td><td>14.4</td><td>24.0</td></tr> <tr><td>Feb,24</td><td>51.9</td><td>32.7</td><td>14.0</td><td>20.9</td></tr> <tr><td>Mar,24</td><td>50.5</td><td>36.3</td><td>15.2</td><td>27.0</td></tr> </tbody> </table> Station 3: Plant boundary towards North direction <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Month</th> <th>PM10</th> <th>PM2.5</th> <th>SO2</th> <th>NOX</th> </tr> </thead> <tbody> <tr><td>Oct,23</td><td>56.1</td><td>36.1</td><td>14.7</td><td>28.1</td></tr> <tr><td>Nov,23</td><td>55.8</td><td>34.5</td><td>13.5</td><td>22.8</td></tr> <tr><td>Dec'23</td><td>56.0</td><td>35.3</td><td>14.1</td><td>25.4</td></tr> <tr><td>Jan,24</td><td>53.9</td><td>36.1</td><td>15.1</td><td>25.4</td></tr> <tr><td>Feb,24</td><td>55.8</td><td>34.5</td><td>13.5</td><td>22.8</td></tr> <tr><td>Mar,24</td><td>49.4</td><td>35.6</td><td>14.7</td><td>28.4</td></tr> </tbody> </table> Station 4: Plant boundary towards South direction (Near CCR building)	Month	PM10	PM2.5	SO2	NOX	Oct,23	52.5	31.8	12.6	29.6	Nov,23	56.8	36.8	14.2	22.4	Dec'23	48.5	35.4	14.9	25.9	Jan,24	49.8	31.4	12.0	28.9	Feb,24	56.8	36.8	14.2	22.4	Mar,24	55.6	35.3	15.0	25.6	Month	PM10	PM2.5	SO2	NOX	Oct,23	54.6	39.2	14.0	26.1	Nov,23	51.9	32.7	14.0	20.9	Dec'23	50.5	36.3	15.2	25.2	Jan,24	52.3	36.1	14.4	24.0	Feb,24	51.9	32.7	14.0	20.9	Mar,24	50.5	36.3	15.2	27.0	Month	PM10	PM2.5	SO2	NOX	Oct,23	56.1	36.1	14.7	28.1	Nov,23	55.8	34.5	13.5	22.8	Dec'23	56.0	35.3	14.1	25.4	Jan,24	53.9	36.1	15.1	25.4	Feb,24	55.8	34.5	13.5	22.8	Mar,24	49.4	35.6	14.7	28.4
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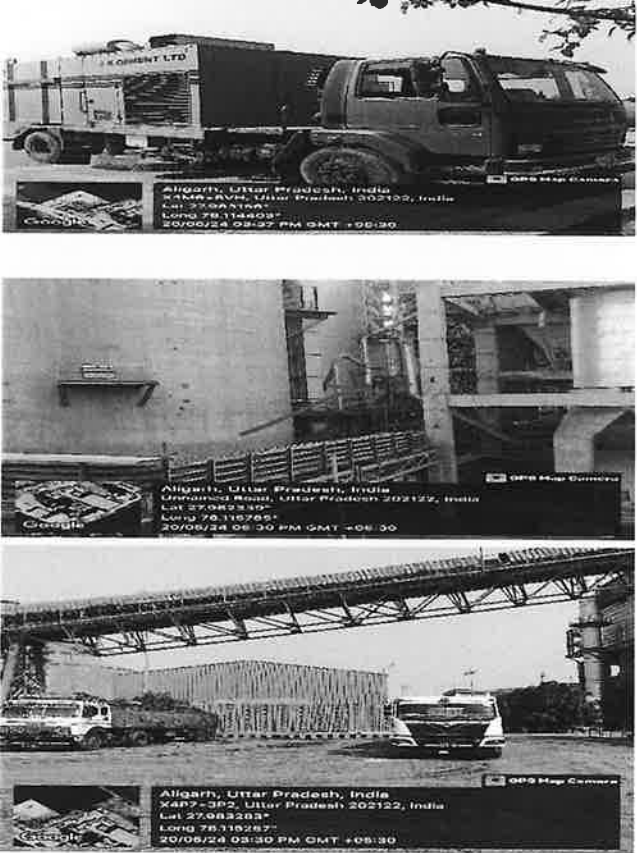

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			Feb,24	56.5	34.7	16.3	23.2																
			Mar,24	53.4	37.1	17.2	28.8																
	iv	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Stack emission monitored by recognised lab, copy is attached as <b>Annexure: 8</b>					Monthly average of cement mill stack emission is as given below: -															
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Month</th> <th>Result ( Mg/Nm<sub>3</sub>)</th> </tr> </thead> <tbody> <tr> <td>Oct/23</td> <td>8.4</td> </tr> <tr> <td>Nov/23</td> <td>9.6</td> </tr> <tr> <td>Dec/23</td> <td>10.5</td> </tr> <tr> <td>Jan/24</td> <td>8.1</td> </tr> <tr> <td>Feb/24</td> <td>9.8</td> </tr> <tr> <td>Mar/24</td> <td>11.8</td> </tr> </tbody> </table>		Month	Result ( Mg/Nm <sub>3</sub> )	Oct/23	8.4	Nov/23	9.6	Dec/23	10.5	Jan/24	8.1	Feb/24	9.8	Mar/24	11.8					
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	v	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Complied with. Bag house at cement mill stack has been provided to maintain PM emission level of <30 mg/Nm <sup>3</sup> , bag filters are provided at all transfer points. Photographs of Bag house and Bag filters -																				
	vi	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.	Complied with. Mechanised bag cleaning facilities of Bag filters and Leakage detection system has been provided.																				

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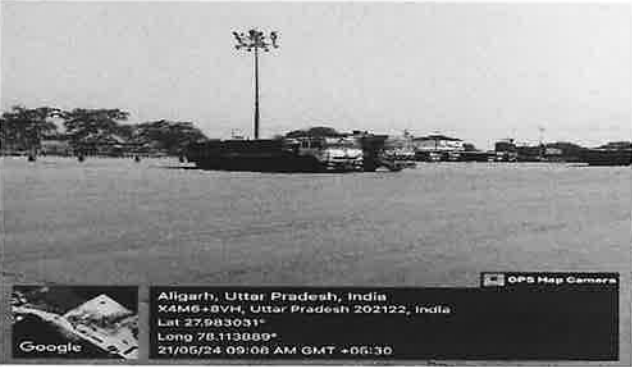
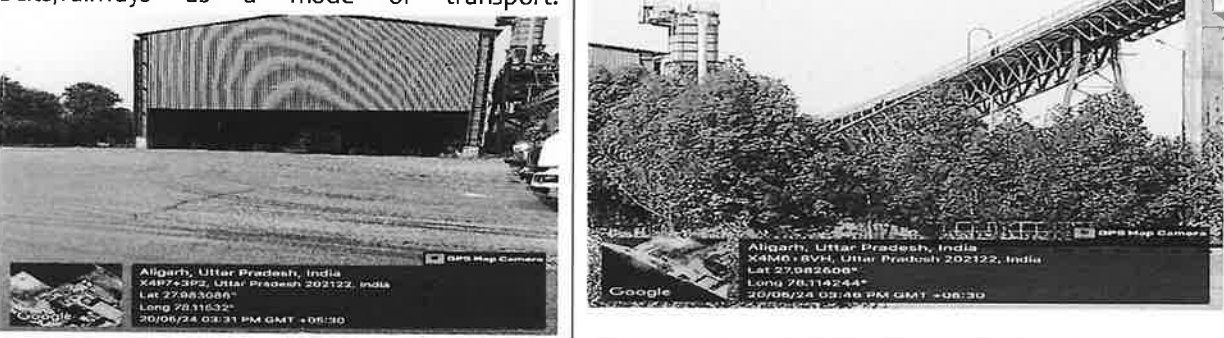
vii	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	<p>Complying with.</p> <p>Bag house at cement mill stack has been provided to maintain PM emission level of &lt;math&gt;&lt;30 \text{ mg/Nm}^3&lt;/math&gt;, Bag filters are provided at all transfer points, cemented roads has been constructed and regular vacuum sweeping machine is in practice. Covered storage for raw material and products has been provided and Covered hopper for unloading and Covered conveyor belts for transportation of material is provided.</p> <p>Photographs showing sweeping machine Covered Silo, Bag filter (23 No) and Covered Conveyor Belt are given below:</p> 
viii	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	<p>Complying with.</p> <p><b>02 no.</b> Road sweeping machine has been deployed for road cleaning.</p> 
ix	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly	<p>Complying with.</p> <p>Clinker is being transported through truck with covering</p>

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		ash.	by tarpaulin. Fly ash is transported by closed bulkers and stored in closed silo-
			
	x	Provide wind shelter fence and chemicals spraying on the raw material stockpiles.	<p>Complied with.</p> <p>Covered storage facilities for the following raw materials have been provided.</p> <ol style="list-style-type: none"> <li>1. Silo for clinker storage</li> <li>2. Shed for Gypsum</li> <li>3. Silo for fly ash</li> </ol>
	xi	Have separate truck parking area and monitor vehicular emissions at regular interval.	<p>Complied with.</p> <p>Separate truck parking area has been provided and vehicle entry is allowed with valid PUC only in the plant. Photograph of truck parking</p> 
	xii	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.	<p>Complied with.</p> <p>Covered conveyor belts for transportation of the raw materials has been provided. Photograph of covered conveyor belt</p> 
	xiii	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, Cement bagging plants.	<p>Complied with.</p> <p>Ventilation system has been provided.</p>
III	<b>Water quality monitoring and preservation:</b>		

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EC Letter No. 532/Parya/SEAC/4214/2018, dated 27<sup>th</sup> November, 2018

	<p>i</p> <p>The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and sub sequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (Case to case basis small plants: Manual; Large plants: Continuous).</p>	<p>Not Applicable.</p> <p>Being a dry process based plant, there is no any effluent generation from Process.</p>
	<p>ii</p> <p>The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.</p>	<p>Complying with.</p> <p>Pre-monsoon season Ground water quality monitored report through recognized lab.</p> <p>Flow meter photo of borewell.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Borewell-1</p>  </div> <div style="text-align: center;"> <p>Borewell-2</p>  </div> </div>
	<p>iii</p> <p>The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&amp;CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.</p>	<p>Not Applicable.</p> <p>Being a dry process based plant, there is no any effluent generation from Process.</p>
	<p>iv</p> <p>Adhere to Zero Liquid Discharge</p>	<p>Complying with.</p> <p>Zero Liquid Discharge is being maintained.</p>
	<p>v</p> <p>Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.</p>	<p>Complying with.</p> <p>STP has been provided with capacity of 15 KLD for treatment of domestic waste water to meet the prescribed standard.</p> 




## ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT

(Period Oct 2023 to March 2024)

J. K. CEMENT WORKS, Village- Satha, Tehsil- Koil, Dist. Aligarh (UP)

EC Letter No. 532/Parya/SEAC/4214/2018, dated 27<sup>th</sup> November, 2018


	vi	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rain and to check the water pollution due to surface runoff.	Complied with. All raw materials are stored under covered shed and silos.																																			
	vii	The project proponent shall practice rain water harvesting to maximum possible extent.	Complied with. Three numbers of rain water harvesting structure has been provided. Photograph as - 1 no.                      2 no.                      3 no. 																																			
	viii	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Complied with. Water meters at the inlet of all process unit has been provided in the Cement Plant.																																			
	ix	The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Complying with. Continuous efforts have been taken to reduce water consumption. STP treated waste water is being reused in plantation and horticulture and MVR system is also established to reduce the water consumption of plant. Water consumption details: - <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Month</th> <th style="width: 80%;">Water consumption (KL)</th> </tr> </thead> <tbody> <tr><td>Oct/23</td><td style="text-align: right;">91.72</td></tr> <tr><td>Nov/23</td><td style="text-align: right;">95.35</td></tr> <tr><td>Dec/23</td><td style="text-align: right;">74.21</td></tr> <tr><td>Jan/24</td><td style="text-align: right;">115.99</td></tr> <tr><td>Feb/24</td><td style="text-align: right;">88.72</td></tr> <tr><td>Mar/24</td><td style="text-align: right;">93.84</td></tr> </tbody> </table>	Month	Water consumption (KL)	Oct/23	91.72	Nov/23	95.35	Dec/23	74.21	Jan/24	115.99	Feb/24	88.72	Mar/24	93.84																					
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<b>IV</b>	<b>Noise monitoring and prevention</b>																																					
	i.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Complying with. Noise monitoring is being done periodically and report is attached as <b>Annexure:9</b> Monthly average of ambient Noise are as (Day/Night in dB) :- <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Month</th> <th style="width: 15%;">L 1</th> <th style="width: 15%;">L 2</th> <th style="width: 15%;">L 3</th> <th style="width: 15%;">L 4</th> </tr> </thead> <tbody> <tr><td>Oct/23</td><td>67.1/64.6</td><td>67.2/61.7</td><td>68.5/60.1</td><td>68.2/62.8</td></tr> <tr><td>Nov/23</td><td>68.8/63.1</td><td>64.4/60.2</td><td>66.2/64.8</td><td>64.8/61.4</td></tr> <tr><td>Dec/23</td><td>66.4/63.1</td><td>67.4/62.6</td><td>68.1/58.7</td><td>66.8/62.4</td></tr> <tr><td>Jan/24</td><td>68.1/64.8</td><td>66.2/62.8</td><td>68.5/60.1</td><td>68.2/62.8</td></tr> <tr><td>Feb/24</td><td>68.8/63.1</td><td>64.4/60.2</td><td>66.2/64.8</td><td>64.8/61.4</td></tr> <tr><td>Mar/24</td><td>75.6/63.9</td><td>77.4/62.6</td><td>69.1/58.7</td><td>76.8/62.4</td></tr> </tbody> </table> L1- Plant boundary towards east direction L2-Plant boundary towards west direction (Project	Month	L 1	L 2	L 3	L 4	Oct/23	67.1/64.6	67.2/61.7	68.5/60.1	68.2/62.8	Nov/23	68.8/63.1	64.4/60.2	66.2/64.8	64.8/61.4	Dec/23	66.4/63.1	67.4/62.6	68.1/58.7	66.8/62.4	Jan/24	68.1/64.8	66.2/62.8	68.5/60.1	68.2/62.8	Feb/24	68.8/63.1	64.4/60.2	66.2/64.8	64.8/61.4	Mar/24	75.6/63.9	77.4/62.6	69.1/58.7	76.8/62.4
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			office) L-3- Plant boundary towards North direction L-4- Plant boundary towards South direction (Near CCR building)
	ii	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75dB (A) during day time and 70dB (A) during night time.	Complying with.
<b>V</b>	<b>Energy Conservation measures</b>		
	i.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Complied with. Solar light has been installed for common area. 
	ii	Provide the project proponent for LED lights in their offices and residential areas.	Complied with. LED lights in the offices has been provided.
	iii	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	Complying with. Fly ash is being used as per BIS norms for making the PPC.
<b>VI</b>	<b>Waste management</b>		
	i.	The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Trans boundary Movement) Rules, 2016.	Complied with. Hazardous waste sold to the CPCB authorized recycler only.
	ii	Kitchen waste shall be composted or converted to biogas for further use. (To be decided on case to case basis depending on type and size of plant).	Kitchen waste quantity is too less, hence biogas plant is not feasible.
<b>VII</b>	<b>Green Belt</b>		
	i.	Green belts shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guide lines. The green belt shall inter alia cover the entire periphery of the plant	Complying with. <ul style="list-style-type: none"> <li>In FY 2023-24 Unit has planted 3850no. of saplings. Out of 3850 saplings, company has planted 713 saplings as replacement of damaged trees covering an area of 1.92 ha (1.85 ha + 0.067 ha) the .067 ha is Miyawakee outside plant area. Total Plant area is 6.83 ha. In which 2.25 ha (i.e., 33% of plant area) is to be covered under greenbelt/ plantation. Out of 2.25 ha area, the company has covered 1.92 ha area under greenbelt with 17330 nos. samples.</li> </ul>
	ii	The project proponent shall prepare GHG	Complying with.

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		emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.																																														
<b>VIII</b>	<b>Public hearing and Human health issues</b>																																															
	i	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complying with. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan has been prepared & implemented at site.																																													
	ii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Complying with. Personal Protective Equipment (PPE's) to Staff & Workmen are being provided.																																													
	iii	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, 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																																													
	iv	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complying with. 356 no's Six Months medical examinations are being done for the employee & workmen and record is being maintained.																																													
<b>IX</b>	<b>Corporate Environment Responsibility</b>																																															
	i	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 1 <sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.	CSR activities are going on and Rs. 182.270 has been spent till March 2024. Focus Area                      Amount Expenditure Lacs (Rs.)																																													
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ii	<p>The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest / wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms / conditions and shareholder's/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&amp;CC as a part of six-monthly report.</p>	<p>Complied with. Company has the Corporate Environment Policy duly approved by the Board of Directors. Copy has been submitted to the MoEF &amp;CC.</p> <p>Copy enclosed as <b>Annexure-10</b></p>																																					
iii	<p>A separate Environmental Cell both at the project and company head quarter level with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.</p>	<p>Complied Unit has separate Env. Dept. under the control of unit head.</p>																																					
iv	<p>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.</p>	<p>Complying with. EMP expenditure 23-24 details are as below</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">S. No.</th> <th style="text-align: center;">Description of Item</th> <th style="text-align: center;">Capital Cost (Rs. In Lac)</th> <th style="text-align: center;">Recurring cost (Rs. in Lacs)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Air Pollution Control Equipment (APC) in the form of Bag filters and Stack</td> <td style="text-align: right;">1610.83</td> <td style="text-align: right;">4.35</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Water Pollution Control</td> <td style="text-align: right;">242.47</td> <td style="text-align: right;">3.7</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Environmental Monitoring and Management</td> <td style="text-align: right;">14.77</td> <td style="text-align: right;">1.38</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Occupational Health</td> <td style="text-align: right;">0.25</td> <td style="text-align: right;">6.99</td> </tr> <tr> <td style="text-align: center;">6</td> <td>Greenbelt / Plantation</td> <td style="text-align: right;">7.7</td> <td style="text-align: right;">3.8</td> </tr> </tbody> </table>	S. No.	Description of Item	Capital Cost (Rs. In Lac)	Recurring cost (Rs. in Lacs)	1	Air Pollution Control Equipment (APC) in the form of Bag filters and Stack	1610.83	4.35	2	Water Pollution Control	242.47	3.7	4	Environmental Monitoring and Management	14.77	1.38	5	Occupational Health	0.25	6.99	6	Greenbelt / Plantation	7.7	3.8													
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		7		Others		0			
				Total		1876.02		20.22	
	v	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Self-environmental audit has been conducted six monthly attached and Third party audit annually has been done.						
	vi	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.	Complied with. Compliance status is give as below: 1. PM emission level of cement mill bag house is <30 mg/Nm <sup>3</sup> 2. All raw materials are stored in closed storage silos and shed. 3. All movement area is cemented 4. Daily cleaning is done by vacuum sweeping machine. 5. All unloading hoppers are covered and provided with bag dust collectors. 6. Bag dust collectors have been provided at all material transfer points. 7. All conveyor belts are covered.						
<b>X</b>	<b>Miscellaneous</b>								
	i	Directions/ suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.	Complied with. <ul style="list-style-type: none"> <li>• Clinker stored in closed silo.</li> <li>• To get the permission for railway siding is under process with railway dept.</li> <li>• To control the emission, pollution control equipment installed.</li> <li>• 80 % workforce employed are from Aligarh district.</li> <li>• In FY 23-24, up to Mar 2024, Unit has planted 3850 no. of saplings. Out of 3850 saplings, company has planted 713 saplings as replacement of damaged trees covering an area of 1.92 ha (1.85 ha + 0.067 ha). The company has also planted 2230 saplings outside the Plant area covering an area of 0.067 ha under Miya wakee Plantation.</li> <li>• Total Plant area is 6.83 ha. Out of this 6.83 ha area, 2.25 ha (i.e., 33% of plant area) is to be covered under greenbelt/ plantation. Out of 2.25 ha area, the company has covered 1.92 ha area under greenbelt with 17330 nos.</li> <li>• To control the fugitive emission, clinker transported through truck and covered with tarpaulin.</li> <li>• OHS center has been facilitate at plant for any medical emergency. Safety officer deployed in plant to prevent the accident.</li> <li>• Regular water spray in open area to control the fugitive emission.</li> </ul>						
	li	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of	Complied with. Advertised in newspapers on 04.12.2018 in Amar Ujala and Dainik Jagran.  Copy has been submitted to the Ministry on 04.12.2018.						

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		the District or State of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's web site permanently.	
	iii	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied with.  Receipt has been submitted to the ministry on 04.12.2018.
	iv	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complying with. Six Monthly EC compliance report is being uploaded at company's website at <a href="https://www.jkcement.com/environmental-compliance">https://www.jkcement.com/environmental-compliance</a>
	v	The project proponent shall monitor the criteria pollutants level namely; 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 and display the same at a convenient location for disclosure to the public and put on the website of the company.	Complied with. Snapshot of digital display board in given below:- 
	vi	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the web site of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Complying with.
	vii	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the web site of the company.	Environment Statement submitted on 21.09.2023.
	viii	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied with. Company start the land development work on 14.12.2018 and inform the RO & HO, MoEFCC vide letter No. JK/Aligarh/EC/2018-19/F 03/004 dated 19.12.2018. Production operation started from 03.02.2020.
	ix	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
	X	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted.
	xi	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment Forests and Climate Change (MoEF&CC).	Noted.
	xii	Concealing factual data or submission of false/	Noted.

# ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT

(Period Oct 2023 to March 2024)

J. K. CEMENT WORKS, Village- Satha, Tehsil- Koil, Dist. Aligarh (UP)

EC Letter No. 532/Parya/SEAC/4214/2018, dated 27<sup>th</sup> November, 2018

		fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	
	xiii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
	xiv	The Ministry reserves the right to stipulate additional conditions if found necessary.	Noted.
	xv	The Company in a time bound manner shall implement these conditions.	Noted.
	xvi	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Noted.
	xvii	The above conditions shall be forced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted.
	xviii	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, with in a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

Hemat Dave



(Unit Head - Grinding Unit)  
J.K. Cement Works,

# Single plastic use campaign 29 June to 7 July



JK Cement, Mumbai, Maharashtra  
 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

दिनांक: 14-07-22

संजीव अहिवालानी,  
 उ.प्र. प्रमुख विपणन सीईओ,  
 अहमदाबाद

विषय: विपणन समन्वयक पत्र (विपणन) के संदर्भ में 29 जून से 7 जुलाई तक का प्लास्टिक का उपयोग प्रतिबंधित

कृपया उपरोक्त विषयक इस समन्वयक के संदर्भ: 452/एचएच सीओ व दिनांक 27 जून, 2022 के संदर्भ में दिए विवरण ध्यान रखते हुए कार्य करें।

क्र. सं.	विवरण	दिनांक	प्रकार/विवरण	अवधि/विवरण	प्रतिबंधित/विवरण	प्रतिबंधित/विवरण
1		29-6-22	अहमदाबाद	1.300	1.800	
2		30-6-22	अहमदाबाद	0.500	0.500	
3	अहमदाबाद	01-7-22	अहमदाबाद	0.700	0.700	
4		02-7-22	अहमदाबाद	0.500	0.500	
5		03-7-22	अहमदाबाद	04.000	04.000	

Thank you for your attention  
 452/एचएच सीओ



JK SUPER CEMENT  
 452/एचएच सीओ



कार्यालय प्रभागीय निदेशक, सामाजिक वानिकी प्रभाग, अलीगढ़।

पत्रांक 2876/14-10, अलीगढ़: दिनांक: फरवरी, 27, 2019

सेवा में,

यूनिट हेड,  
जे०के० सीमेंट वर्क्स,  
सरिम्पुर रोड, ग्राम-साधा,  
परगना-मोश्मल, तहसील- कोल,  
जनपद-अलीगढ़-202127।

विषय:- जे०के० सीमेंट वर्क्स, अलीगढ़ के खसरा सं० 126, 149, 150, 151, 151/1, 151/2, 151/3, 151/4, 152, 157, 158, 159 ए. 159/3 एवं 160/4, क्षेत्रफल 6.87 ग्राम- साधा, तहसील-कोल, जनपद-अलीगढ़ में वनभूमि होने/न होने के सम्बन्ध में।

संदर्भ:- आपका पत्रांक JK/Aligarh/EC/DFO/2018-19/F05/001 dated 21.01.2019

उपरोक्त संदर्भित पत्र द्वारा बंदिता ग्राम-साधा, तहसील-कोल, जनपद-अलीगढ़ के अन्तर्गत खसरा सं० 126, 149, 150, 151, 151/1, 151/2, 151/3, 151/4, 152, 157, 158, 159 ए. 159/3 एवं 160/4, क्षेत्रफल 6.87 हे० के वनभूमि/गैर वनभूमि होने के सम्बन्ध में सूचना चाही गयी है। इस सम्बन्ध में जांचोपज्ञान क्षेत्रीय वन अधिकारी, अलीगढ़ रेंज ने अपने पत्र सं० 198/35-1 दि० 22.02.2019 द्वारा अवगत कराया गया है कि ग्राम साधा के अन्तर्गत उक्त खसरा संख्या जिसका कुल क्षेत्रफल 6.87 हे० है, वनभूमि नहीं है।

प्रति

(एस०डी० त्रिपाठी)  
प्रभागीय निदेशक,  
सामाजिक वानिकी प्रभाग, अलीगढ़।

पत्रांक /14-1 समदिनांकित

प्रतिनिधि- क्षेत्रीय वन अधिकारी, अलीगढ़ रेंज को उनके पत्र सं० 198/35-1 दि० 22.02.2019 के क्रम में सूचना एवं आवश्यक कार्यवाही हेतु प्रेषित।

(एस०डी० त्रिपाठी)  
प्रभागीय निदेशक,  
सामाजिक वानिकी प्रभाग, अलीगढ़।



Annexure - 2

## UTTAR PRADESH POLLUTION CONTROL BOARD

Validity Period :11/07/2018 To 31/07/2023

Ref No. - 26748/UPPCB/Aligarh(UPPCBRO)/CTE/ALIGARH/2018 Dated:- 20/08/2018

To ,

Shri Praveen Kumar  
M/s JK Cement Works , Aligarh ( A unit of JK Cement Limited)  
JK Cement Works Limited  
ALIGARH

**Sub :** Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your application form no 2195497 dated - 06/06/2018 .After examining the application with respect to pollution angle, Consent to Establish is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
Fly ash : 1700.0 T/Day	Metric Tonnes/Day	
Clinker : 3853.0.0 T/Day	Metric Tonnes/Day	
Gypsum : 283.0 T/Day	Metric Tonnes/Day	

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Cement : 5836.0 TDP (2000000 TPA )	182156

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
0	Metric Tonnes/Day	0	0

E: Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Ground Water (within premises)	bore well	184.0

F. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	10.0
Industrial	174.0

G- Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
LSHS	1000	DG Sets

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

- You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
- Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 31/07/2023 to the Board.
- Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
- It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
- Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.
- Bank details.

Bank Fee Details				
Bank Name	Branch Name	Draft No./Money Receipt No	Date	Rupees
State Bank of India	Lucknow	120098	05/06/2018	50000.0

**Specific Conditions:**

1. The APCs for controlling emissions shall be installed as per proposal submitted to the Board and should be properly maintained and continuously operated. The stack should be as per norms and regular monitoring of stack and ambient air should be done by the laboratory recognized under E (P) Act 1986 and report be sent to the Board.
2. Provision shall be made to control dust emissions during unloading of the clinkers from Railway racks. Proposal along with time bound program in this regard shall be submitted to the Board within 3 months.
3. Provision shall be made to control dust emissions during unloading of the clinkers and loading of cement inside the factory premises.
4. Provision shall be made to control dust emissions on roads during transportation of clinkers and cement.
5. Online automatic air quality/stack monitoring system shall be installed within 3 months and the proposal in this regard shall be sent within 15 days to the Board.
6. The DG set should have stack of proper height as per norms and provided with acoustic enclosure and monitoring of noise and stack and ambient air should be done by the laboratory recognised under E (P) Act 1986 and report be sent to the Board.
7. The ETP shall be installed as per proposal submitted to the Board and should be properly maintained and continuously operated. The treated water shall be reused / recycled after achieving the prescribed norms. No industrial effluent shall be discharged outside the factory premises.
8. Domestic effluent shall be treated properly/discharged through septic tank/soak pit. No domestic effluent shall be discharged in river/drain.
9. The industry shall obtain NOC from CGWA for extraction of ground water and submit it to the Board within three months.
10. The industry shall be operated in such a way that there is no harm to the nearby environment.
11. If any closure direction is issued against the industry, by CPCB/UPPCB the consent shall automatically remain suspended for that period and after ensuring compliance and after the closure order is revoked the consent shall automatically become effective
12. The directions issued by the Hon'ble NGT / Court / CPCB / UPPCB shall be completely complied with.
13. A thick green belt of trees of suitable species able to attain 8-10 metre height on maturity shall be developed in multi lineate staggered manner on a minimum 33% of the land on which the industry is established. as per the "Protocol for Development of Green Belt" notified vide Board Office Order No.H16405/220/2018/02 dated.16.02.2018 in this regard and available at URL <http://www.uppcb.com/pdf/Green-belt-Guidle-160218.pdf>. If there is no sufficient space inside the factory premises then the equivalent green belt area shall be developed arranging land outside the factory premises. Proposal in this regard shall be submitted to the board with map within 30 days.
14. Regular water shower shall be done in order to maintain ambient air quality. The control measures for controlling process emissions should be properly maintained and continuously operated.
15. The industry shall comply with the order passed by Hon'ble Supreme Court in writ petition (civilNo.13029/1985, MC Mehta v/s Union of India and others regarding use of Pet Coke and Furnace oil as a fuel.
16. The industry shall ensure provisions of Roof Top Rain Water Harvesting system. Proposal/compliance report should be sent to the Board within One month.
17. Industry shall submit Environmental Statement in prescribed format in Form V of rule14 of E.P Rules 1986.
18. This consent/NOC is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/process /fuel / plant machinery failing which consent would be deemed void.
19. Industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
20. The construction/renovation work shall be done in such a way that there is no violation of the order of Hon'ble NGT in OA No. 594/2016.
21. The industry shall use a minimum 20% Bio-fuel/bio-briquette as fuel in the Furnace depending upon its availability/necessity.
22. A Bank Guarantee of Rs.1000000/=(ten lakh) for compliance of the above conditions shall be submitted within 15 days.

BRIJ BIHARI  
AWASTHI

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BIHARI AWASTHI  
Date: 2018.08.20 17:29:31  
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Please note that consent to Establish will be revoked, in case of, non compliance of any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 20/09/2018 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

**BRIJ BIHARI**  
**AWASTHI**  
**(Dr. Mohd. Sikandar)**  
**Chief Environment Officer**  
**Circle-4**

Digitally signed by BRIJ BIHARI AWASTHI  
Date: 2018.08.20 17:27:00 +05'30'

Dated:- 20/08/2018

**Copy To -**

Regional Officer, U.P. Pollution Control Board, Aligarh.

**BRIJ BIHARI**  
**AWASTHI**  
**(Dr. Mohd. Sikandar)**  
**Chief Environment Officer**  
**Circle-4**

Digitally signed by BRIJ BIHARI AWASTHI  
Date: 2018.08.20 17:28:04 +05'30'



Appendix 3

**Uttar Pradesh Pollution Control Board**

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

**194855/UPPCB/Aligarh(UPPCBRO)/CTO/both/ALIGARH/2023**

**Date: 18/02/2024**

To,

M/s

**JK CEMENT WORKS, ALIGARH**

**ALIGARH - KASIMPUR ROAD, VILLAGE - SATHA, PARGANA - MORTHAL, TESHIL - KOIL, DISTRICT - ALIGARH, UP,ALIGARH,202127**

**Application Id-  
23186023**

**Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule-6(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 notified under Environment (Protection) Act, 1986 as applicable (to be referred hereinafter as Water Act, Air Act and HW Rules respectively).**

CCA is hereby granted to **JK CEMENT WORKS, ALIGARH** located at **ALIGARH - KASIMPUR ROAD, VILLAGE - SATHA, PARGANA - MORTHAL, TESHIL - KOIL, DISTRICT - ALIGARH, UP,ALIGARH,202127**. subject to the provisions of the **Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **JK CEMENT WORKS, ALIGARH** granted for the period from **01/01/2024 to 31/12/2028** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	PPC	157572	Metric Tonnes/Month
2	OPC	17508	Metric Tonnes/Month

2. **Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-**

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	6.0 KLD	STP	gardening and water sprinkling

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

**PRADEEP  
SHARMA**

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Annexure 3

### Industrial Effluent Quality Standard

S.No.	Parameter	Standard
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(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
1	pH	As per the EP Rules as amended
2	BOD (mg/L)	As per the EP Rules as amended
3	TSS (mg/L)	As per the EP Rules as amended
4	Fecal Coliform (MPN/100ml)	As per the EP Rules as amended

### 3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

#### Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	Cement Grinding Mill	NA	1	Particulate Matter	with 43 meter high stack from ground lever
2	Fly ash silo and Truck Tippler and Packing Plant	NA	2	Particulate Matter	Bag filters with stack as per norms.
3	D.G. Set-125 KVA	Diesel	3	Sulphur Dioxide	As per the EP Rules as amended
4	D.G. Set-1250 KVA	Diesel	4	Sulphur Dioxide	As per the EP Rules as amended

#### Emmission Quality Standards

S No.	Stack no	Parameters	Standards
1	1,2	Particulate Matter	As per the EP Rules as amended
2	3,4	Sulphur Dioxide	As per the EP Rules as amended

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*Am. ex. no. 3*

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

#### 4. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 :-

The Factory Manager of M/s JK CEMENT WORKS, ALIGARH. is hereby granted an authorization to operate a facility for collection and storage of Hazardous wastes. The authorization is granted to operate a facility for generation, collection and storage of hazardous wastes within factory premises for following category of wastes:-

S.No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity(ton/annum)
1	Spent oil (Schd.-I, Category-23.2)	recyclable	1.25 Kl/annum
2	used oil (Schd.-I, Category-5.1)	recyclable	1.25 Kl/annum
3	waste and residue containing oil (Schd.-I, Category-5.2)	TSDf	2.0 Kl/annum
4	Contaminated cotton (Schd.-I, Category-33.2)	TSDf	1.200 Kl/annum
5	empty barrel (Schd.-I, Category-33.1)	TSDf/Recycler	300 Nos/annum

The authorization shall be in force and shall be valid upto 31/12/2028. The authorization is subject to the conditions stated below and such conditions as may be specified in the rules for the time being in force under Environment (Protection) Act, 1986.

#### Terms and conditions of Hazardous Waste authorization :-

- The authorization shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- The authorization and its renewal shall be produced for inspection at the request of an officer authorized by the SPCB.
- The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the SPCB.
- Any unauthorized changes in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.

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- (v) It is the duty of the authorized person to take prior permission of the SPCB to close down the facility.
- (vi) An application for the renewal of an authorization shall be made as laid down under these rules.
- (vii) The unit shall comply with any other conditions specified in the guidelines issued by the MoEF or CPCB/SPCB from time to time.
- (viii) The authorization is valid for temporary storage of Hazardous Waste within premises only.
- (ix) The authorized agency shall ensure that on-line data with regard to quantity and nature of hazardous chemicals being used in the plant as well as air emission and waste generated within premises is displayed on Display Board of size 6x4 feet outside the main factory gate within premises
- (x) It is duty of the authorized person to take prior permission of this Board to close and cleanup the facility for treatment, storage and disposal of hazardous waste.
- (xi) The applicant shall maintain record of hazardous waste in Form-3 and shall submit annual return in Form-4 on or before the 30th day of June following to the financial year to which that return relates.
- (xii) In no case any hazardous waste shall be disposed off on land, in any drain, or into any water stream. All spillage must also be safely collected and stored.
- (xiii) Before the hazardous waste is stored or dumped in the facility, applicant must conduct a detailed physical and chemical analysis of hazardous waste sample and report to the Board.
- (xiv) Dried hazardous sludge from the process in the plant shall be stored in double lined HDPE pit constructed with R.C.C. or such material which does not react with the waste contained in it.
- (xv) The storage area should be fenced properly and Sign/Notice Board indicating 'Danger' and 'Hazardous' shall be displayed at appropriate position both in Hindi and English.
- (xvi) The industry shall store non-ferrous metal waste, used oil/spent oil waste in sealed drums placed on impervious floor under covered shed. Hazardous waste if required shall be sold only to Registered Recyclers/Re-processors.
- (xvii) In case of any transportation of hazardous waste, the details in Form-10 of the Hazardous and Other Wastes Rules, 2016 shall be submitted to the Board.

**5. Essential documents to be submitted by the Industry/Unit as Applicable:-**

- (i) Annual return in Form-4 and Waste Disposal Manifest in Form-10 under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Third Party Audit Report.
- (ii) Environment Statement in Form-V of Environment (Protection) Rules, 1986.
- (iii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

6. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

7. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

8. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

9. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

**General Conditions:-**

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.
2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.
7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

**Specific Conditions:-**

1. This CTO is issued to M/s JK CEMENT WORKS, KASIMPUR ROAD, VILLAGE - SATHA, PARGANA - MORTHAL, TESHIL- KOIL, DISTRICT- ALIGARH for the production of Cement OPC- 17508 Metric Tonnes/Month and PPC- 157572 Metric Tonnes/Month with using Clinker-15000 Ton/day, Fly Ash-5000 Ton/day, Gypsum-9000 Ton/month and Chemical Gypsum-1200 Ton/month as raw material.
2. The industry should be operated in such a manner that it does not adversely affect the environment and the solid waste generated such as ash etc. be disposed in eco friendly manner.
3. Any source of emission other than that mentioned in the Air consent seeking application will not be permitted by the Board.
4. The industry should ensure the operation of the air pollution control system (APCS) in such a manner that the air emission confirms with the standards prescribed under the E.P Act 1986 as amended and will ensure the continuous and uninterrupted data supply from the OCEEMS to the SPCB and CPCB server.
5. This consent is only valid for the discharge of the domestic effluent and water will not be used in any industrial process and discharge of industrial effluent is not permitted under any circumstances.
6. In the industry, flow meter to be installed in all water abstraction points and usage of fresh water to be minimized.
7. The industry shall comply the various condition of NOC from SGWA for ground water extraction.
8. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval

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Annexure-3

- before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
9. Industry shall abide by orders / directions issued by Hon'ble Supreme court Hon'ble High Court, Hon'ble National Green tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safe guard of environment from time to time.
  10. Industry shall submit monitoring reports of all stacks and ambient air quality from a certified/ approved laboratory under E.P. Act 1986.
  11. Industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
  12. The use of Pet coke and Furnace oil as a fuel is restricted in compliance of the Hon'ble Supreme court order.
  13. Industry shall submit Environmental Statement in prescribed format as per rule no.14 as per E.P Rules 1986.
  14. Online continuous stack monitoring facilities for all the stacks and adequate air pollution control systems shall be provided to keep emission levels as per the E.P Rules 1986 as amended.
  15. The fly ash from the power plant shall be stored in silos and pneumatically transferred to the cement plant and used in the process itself for manufacturing of Portland Cement. Bottom ash shall be disposed off in abandoned mines or utilized in road making or given to brick kiln manufacturers. All the cement dust collected from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Sludge from domestic sources shall be used as manure for green belt development. Waste oil shall be sold to authorized recyclers/re-processors only.
  16. The gaseous and particulate matter emissions from various units shall conform to the standards prescribed under the E.P Rules 1986 as amended.
  17. One Ambient Air Quality Monitoring Station shall be installed in downwind direction. Ambient air quality including ambient noise levels shall not exceed the standards stipulated under E.P Rules 1986 as amended. Monitoring of Ambient Air Quality and Stack Emissions shall be carried out regularly and report submitted to the SPCB quarterly.
  18. The Industry shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas, etc. Asphaltting/concreting of road and water spray all around the stockyard and loading / unloading areas shall be carried out to control fugitive emissions. Covered sheds for storage of raw materials and pneumatic conveying system for fly ash and bed ash for conveying ash from boiler shall be provided. Coal, cement, fly ash and clinker shall be stored in silos.
  19. Industry shall ensure to develop Miyawaki forest so that treated water may be used for irrigation as per the GO no. 1011/81-7-2021-09(writ)/2016 dated 13.10.2021 of Deptt. of Environment, forest and climate change.
  20. If closure order is issued by CPCB or UPPCB against any defaulting unit, then CTO issued earlier will be suspended during the pendency of the closure period and after ensuring the compliance and after revocation of closure order, the CTO will be deemed to be restored subject to the effective date of revocation of the closure order, with imposed conditions thereof.

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PRADEEP SHARMA  
Date: 2024.02.18  
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**Chief Environment Officer,**  
**Circle-4**

Copy to:



## UTTAR PRADESH POLLUTION CONTROL BOARD

TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226010

Annexure 4

Ref. No : 11919/UPPCB/Aligarh(UPPCBRO)/HWM/ALIGARH/2020 Dated: 12/06/2020

To,

M/s JK CEMENT LIMITED

ALIGARH - KASIMPUR ROAD, VILLAGE - SATHA, PARGANA - MORTHAL, TESHIL - KOIL,  
DISTRICT - ALIGARH, UP, ALIGARH, 202127

Tehsil : Atrauli

District : ALIGARH

**Sub :-** Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

1. Number of authorization and date of issue 11919 and 12/06/2020 .
2. Reference of application (No. and date) 7525258 and 28/05/2020 .
3. Mr YADUPATI SINGHANIA of M/s JK CEMENT LIMITED is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, utilization, storage and disposal or any other use of hazardous or other wastes or both on the premises situated at VILLAGE - SATHA, PARGANA - MORTHAL, KOIL, ALIGARH .

### Details of Authorisation

S No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity(ton/annum)
1	Spent solvents, Category- 23.2	TSDF	5.0 KL/Annum

1. The authorization shall be valid for a period of 11/06/2025 from the date of issue of this letter .
2. The authorization is subject to the following general and specific conditions (please specify any conditions that need to be imposed over and above general conditions, if any) .

#### A General Conditions of Authorization -

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under .
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Board .
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization .
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation .
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time .
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and penalty .

7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility .
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation .
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained .
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation .
11. The importer or exporter shall bear the cost of Import or export and mitigation of damages if any
12. An application for the renewal of an authorisation shall be made as laid down under these Rules .
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time .
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year .

## **B Specific Conditions of Authorization**

1. The wastes must be safely collected in leak proof containers and shall be duly marked in a manner suitable for handling, storage and transport and the packaging shall be easily visible and be able to withstand physical conditions and climatic factors. All hazardous waste containers / bags shall be provided with a general label. The storage area should be at an isolated spot in the premises and must be fenced, covered and duly marked.
2. The authorized person/agency shall ensure that no adverse impact on the air, soil and water including groundwater takes place due to activities for which authorization has been requested. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
3. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
4. An application for the renewal of an authorization shall be made in form 1, before its expiry as laid down in rule. It is further brought to your notice that as per the order dated 14-11-2003 passed by the Hon'ble Supreme Court in W.P. (c) No. 657 of 1995, no industry covered under Hazardous and other Wastes (Management and Trans boundary Movement) Rules, 2016 shall be allowed to operate without valid authorization. It is also provided in the same orders that industries which are not complying with the conditions of authorization shall not be allowed to operate.
5. The applicant must file returns on prescribed Form 4 along with a compliance report of this letter and should also maintain records on Form 3 and present it to Board's inspecting officials.
6. In no case any hazardous wastes shall be disposed off on land, in any drain or stream. All spillages of hazardous chemicals, used containers, of hazardous chemicals such as flammable corrosive, explosive, and toxic nature must be safely collected and stored. Non-compatible wastes must be suitably and safely handled.
7. It is within the powers and functions of the U.P. Pollution Control Board to modify / revoke the terms and conditions of the authorization issued under the Rule – 7 of Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016.
8. You are directed to display on-line data/display board outside the main factory gate with regard

to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises. Necessary compliance should be sent within 15 days of receipt of this letter.

9. It should be ensured that hazardous wastes shall be properly collected and packed in HDPE bags and then temporarily stored in a lined RCC tank/pit with suitable shed.

10. An ETP sludge test report of a laboratory approved under E.P. Act shall be submitted along with compliance of this letter of this office.

11. Used oil shall be sold only to recyclers registered with U.P. Pollution Control Board. The record shall be maintained.

12. The occupier, transporter and operator of a facility shall be liable for damages caused to the environment resulting due to improper handling and disposal of hazardous waste listed in schedule 1, 2, and 3 and shall be liable to pay a fine as levied by the State Pollution Control Board under the rules.

13. You shall become the member of any common TSDF for S.L.F. (M/S U.P. Waste Management Project Kumbhi Kanpur Dehat or M/s Bharat Oil & Waste Management Ltd., Kumbhi, Akbarpur, Kanpur Dehat. permitted by U.P.P.C.B.), and start sending the stored hazardous wastes for final disposal to the TSDF and report back to U.P.P.C.B. with the required manifesto (document of proof) within one/three month of this letter. The authorized incinerator is with M/s Bharat Oil Company, Sahibabad, Ghaziabad for oily waste and paint sludge only. or the hazardous waste (Lead Dross) through open hearth furnace may be sent to recycler facilities duly authorized by CPCB. The proof/document shall be submitted having three months. Lead slag shall not be generated in this unit.

14. You are required to store the hazardous waste safely and send it to TSDF/incinerator within Ninety days/Six months of its generation.

15. If any Prohibit /Adverse order is passed by Hon'ble National Green Tribunal the authorization shall automatically stand cancelled.

16. Industry shall submit Annual Sludge dispatched to TSDF with relevant documents.

( Authorized Signatory )

Ram Kumar Singh

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Kumar Singh  
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UTTAR PRADESH POLLUTION CONTROL BOARD

Copy to: To the Regional Officer, U.P. Pollution Control Board, Aligarh for information and necessary action .

Ram Kumar Singh  
CEO/EE, I/C Circle

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Ram Kumar Singh  
Date: 2020.06.14  
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उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड  
UTTAR PRADESH POLLUTION CONTROL BOARD

Annexure - 4

संदर्भ संख्या 150793 सी-4/हैजाईस/ /2019

दिनांक 8-7-2020

सेवा में  
श्री जे०के० सीमेट वर्क्स,  
अलीगढ़-कासिमपुर रोड, ग्राम- साधा,  
परगना-मोरथल, तहसील-कोल,  
जनपद- अलीगढ़

विषय:- Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

महोदय,  
उपरोक्त विषयक अपने पत्र दिनांक 25.06.2020 का संदर्भ ग्रहण करने का कष्ट करे, जिसमें आप द्वारा बोर्ड पत्रांक 11919/UPPCB/Aligarh/UPPCBRO/HWM/Hathras/2020 दिनांक 12.06.2020 द्वारा जारी प्राधिकार में Details of Authorisation में Used or Spent Oil, Waste/Residues Containing Oil, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes and Contaminated cotton rags or other cleaning materials किये जाने का अनुरोध किया गया है। आपके प्रत्यावेदन का परीक्षण किया गया। परीक्षणोपरान्त बोर्ड द्वारा जारी प्राधिकार पत्र दिनांक 12.06.2020 में Details of Authorisation में Used or Spent Oil, Waste/Residues Containing Oil, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes and Contaminated cotton rags or other cleaning materials किया जाता है। उक्त संशोधन के पश्चात् प्राधिकार पत्र दिनांक 12.06.2020 में अंकित Details of Authorisation को निम्नानुसार पढ़ा जायेगा :-

Details of Authorisation

S. No.	Category of Hazardous waste as per Schedule I, II and III of these rules	Authorised mode of disposal or Recycle or utilization or co-processing, etc.	Quantity
1.	Used/Spent Oil - Category 5.1	TSDF/Recycler	5.0 KL/Annum
2.	Waste or Residues Containing Oil - Category 5.2	TSDF/Recycler	2.0 KL/Annum
3.	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes - Category 33.1	TSDF/Recycler	300 No.s/Annum
4.	Contaminated cotton rags or other cleaning materials - Category 33.2	TSDF/Recycler	1200 Kgs/Annum

शेष शर्तें यथावत् लागू रहेंगी।

संलग्नक: उपरोक्तानुसार।

भवदीय,

(आर०के० सिंह)

मुख्य पर्यावरण अधिकारी, वृत्त-4

प्रतिलिपि :- क्षेत्रीय अधिकारी, उ०प्र० प्रदूषण नियंत्रण बोर्ड, अलीगढ़ को सूचनाार्थ प्रेषित

मुख्य पर्यावरण अधिकारी, वृत्त-4

टी.सी. - 12 वी, विहृती खण्ड,  
गोमती नगर, लखनऊ-226010  
दूरभाष : 0522-2720831, 2720691, 2720828  
ई-मेल-0522-2720764  
ई-मेल-[info@uppcb.com](mailto:info@uppcb.com)  
वेबसाइट-[www.uppcb.com](http://www.uppcb.com)

T.C. - 12 V, Vihhuti Khand,  
Gomti Nagar, Lucknow-226010  
Phone: 0522-2720831, 2720691, 2720828  
Fax: 0522-2720764  
e-mail: [info@uppcb.com](mailto:info@uppcb.com)  
Web Site: [www.uppcb.com](http://www.uppcb.com)



# ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

TEST REPORT NO.: ETS/1014/02/2024

DATE OF REPORT: 05.02.2024

### WORK ZONE MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Monitoring** : 31.01.2024 To 31.01.2024 8 HOURS, TWA

**Time Of Monitoring** : 10:16 AM To 06:16 PM

**Sample ID No** : 1014

**Sampling Done By** : ETS STAFF

**Sampling Location** : UNLOADING AREA

**Sampling Method** : ETS/STP/AIR-01

**Sampling Machine Placed At Height** : 1.5 METER FROM GROUND LEVEL

**Weather Condition** : CLEAR Ambient Temperature: 18.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Fugitive Emission	µg/m <sup>3</sup>	1718.0	2000 As per CPCB	IS: 5182 (Part-4)

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



ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

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email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

TEST REPORT NO.: ETS/1015/02/2024

DATE OF REPORT: 05.02.2024

### WORK ZONE MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Monitoring** : 31.01.2024 To 31.01.2024 8 HOURS, TWA

**Time Of Monitoring** : 11:25 AM To 07:25 PM

**Sample ID No** : 1015

**Sampling Done By** : ETS STAFF

**Sampling Location** : FLY ASH SILO AREA

**Sampling Method** : ETS/STP/AIR-01

**Sampling Machine Placed At Height** : 1.5 METER FROM GROUND LEVEL

**Weather Condition** : CLEAR Ambient Temperature: 18.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Fugitive Emission	µg/m <sup>3</sup>	1865.0	2000 As per CPCB	IS: 5182 (Part-4)

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



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1016/02/2024

DATE OF REPORT: 05.02.2024

### WORK ZONE MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Monitoring** : 31.01.2024 To 31.01.2024 8 HOURS, TWA

**Time Of Monitoring** : 11:24 AM To 07:24 PM

**Sample ID No** : 1016

**Sampling Done By** : ETS STAFF

**Sampling Location** : PACKING AREA

**Sampling Method** : ETS/STP/AIR-01

**Sampling Machine Placed At Height** : 1.5 METER FROM GROUND LEVEL

**Weather Condition** : CLEAR Ambient Temperature: 18.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Fugitive Emission	µg/m <sup>3</sup>	1821.0	2000 As per CPCB	IS: 5182 (Part-4)

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



For ENVIRO-TECH SERVICES  
AD. HUMBAL  
AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1017/02/2024

DATE OF REPORT: 05.02.2024

### WORK ZONE MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Monitoring** : 31.01.2024 To 31.01.2024 8 HOURS, TWA

**Time Of Monitoring** : 11:35 AM To 07:35 PM

**Sample ID No** : 1017

**Sampling Done By** : ETS STAFF

**Sampling Location** : CEMENT MILL AREA

**Sampling Method** : ETS/STP/AIR-01

**Sampling Machine Placed At Height** : 1.5 METER FROM GROUND LEVEL

**Weather Condition** : CLEAR Ambient Temperature: 18.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Fugitive Emission	µg/m <sup>3</sup>	1856.0	2000 As per CPCB	IS: 5182 (Part-4)

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



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
Quality Manager

Note:-

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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Area 6

**J.K. Cement Works, Aligarh**  
**Fugitive Emission Monitoring Report**  
**Oct '2023 - March '2024**

S.No.	Month/Year	SPM (mg/m3)			
		NEAR UNLOADING AREA	NEAR CEMENT MILL	NEAR FLYASH SILO	NEAR PACKING AREA
1	Oct-23	1.26	1.52	1.33	0.96
2	Nov-23	1.22	1.43	1.39	0.99
3	Dec-23	1.22	1.44	1.37	0.98
4	Jan-24	1.25	1.52	1.33	0.96
5	Feb-24	1.23	1.42	1.39	0.97
6	Mar-24	1.23	1.52	1.38	0.98

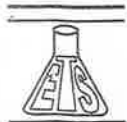
Monitored by



Checked By

A blue ink handwritten signature.

A blue ink handwritten signature.



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## TEST REPORT

TEST REPORT NO.: ETS/1010/02/2024

DATE OF REPORT: 05.02.2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Monitoring** : 31.01.2024 To 01.02.2024

**Time Of Monitoring** : 10:20 AM To 10:20 AM

**Sample ID No** : 1010

**Sampling Done By** : ETS STAFF

**Sampling Location** : PLANT BOUNDARY TOWARDS EAST DIRECTION

**Sampling Method** : ETS/STP/AIR-01

**Sampling Machine Placed At Height** : 1.5 METER FROM GROUND LEVEL

**Weather Condition** : CLOUDY Ambient Temperature: 18.0 °C

**Wind Direction** : E To W

**Equipment Used** : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM <sub>10</sub> )	µg/m <sup>3</sup>	81.5	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	34.2	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	16.0	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	32.7	For 24 Hrs.=80	IS: 5182 (Part-6)

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



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1011/02/2024

DATE OF REPORT: 05.02.2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Monitoring** : 31.01.2024 To 01.02.2024

**Time Of Monitoring** : 10:35 AM To 10:35 AM

**Sample ID No** : 1011

**Sampling Done By** : ETS STAFF

**Sampling Location** : PLANT BOUNDARY TOWARDS NORTH DIRECTION

**Sampling Method** : ETS/STP/AIR-01

**Sampling Machine Placed At Height** : 1.5 METER FROM GROUND LEVEL

**Weather Condition** : CLOUDY **Ambient Temperature:** 18.0 °C

**Wind Direction** : E To W

**Equipment Used** : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM <sub>10</sub> )	µg/m <sup>3</sup>	76.1	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	28.4	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	12.6	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	30.8	For 24 Hrs.=80	IS: 5182 (Part-6)

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



Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1012/02/2024

DATE OF REPORT: 05.02.2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Monitoring** : 31.01.2024 To 01.02.2024

**Time Of Monitoring** : 10:40 AM To 10:40 AM

**Sample ID No** : 1012

**Sampling Done By** : ETS STAFF

**Sampling Location** : PLANT BOUNDARY TOWARDS WEST DIRECTION(PROJECT OFFICE)

**Sampling Method** : ETS/STP/AIR-01

**Sampling Machine Placed At Height** : 1.5 METER FROM GROUND LEVEL

**Weather Condition** : CLOUDY **Ambient Temperature:** 18.0 °C

**Wind Direction** : E To W

**Equipment Used** : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters, (PM <sub>10</sub> )	µg/m <sup>3</sup>	82.1	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters, (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	35.0	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	16.8	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide, (NO <sub>2</sub> )	µg/m <sup>3</sup>	34.0	For 24 Hrs.=80	IS: 5182 (Part-6)

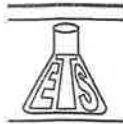
\*\*\*\*\*End of Test Report\*\*\*\*\*



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

DATE OF REPORT: 05.02.2024

TEST REPORT NO.: ETS/1013/02/2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

Date of Monitoring : 31.01.2024  
Analysis Start Date : 01.02.2024  
Analysis End Date : 05.02.2024  
Duration Of Monitoring : 31.01.2024 To 01.02.2024  
Time Of Monitoring : 10:18 AM To 10:18 AM  
Sample ID No : 1013  
Sampling Done By : ETS STAFF  
Sampling Location : PLANT BOUNDARY TOWARDS SOUTH DIRECTION  
(NEAR CCR BUILDING)  
Sampling Method : ETS/STP/AIR-01  
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL  
Weather Condition : CLOUDY Ambient Temperature: 18.0 °C  
Wind Direction : E To W  
Equipment Used : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters, (PM <sub>10</sub> )	µg/m <sup>3</sup>	74.1	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters, (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	36.5	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	14.2	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide, (NO <sub>2</sub> )	µg/m <sup>3</sup>	27.0	For 24 Hrs.=80	IS: 5182 (Part-6)

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



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
Quality Manager

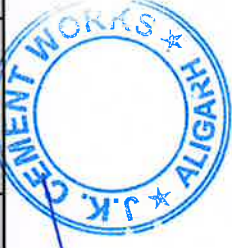
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Annexure 7

Quarterly Monthly Ambient air Report (Oct'23-Mar'24)						
S.No.	LOCATION	Month	Parameters (in µg/m3)			
			PM10	PM2.5	SO2	NOx
1	PLANT BOUNDARY TOWARDS EAST DIRECTION	Oct-23	52.5	31.8	12.6	29.6
2		Nov-23	56.8	36.8	14.2	22.4
3		Dec-23	48.5	35.4	14.9	25.9
4		Jan-24	49.8	31.4	12.0	28.9
5		Feb-24	56.8	36.8	14.2	22.4
6		Mar-24	55.6	35.3	15.0	25.6
<b>Six Months Average</b>						
			53.3	34.6	13.8	25.8
1	PLANT BOUNDARY TOWARDS WEST DIRECTION (PROJECT OFFICE)	Oct-23	54.6	39.2	14.0	26.1
2		Nov-23	51.9	32.7	14.0	20.9
3		Dec-23	50.5	36.3	15.2	25.2
4		Jan-24	53.4	35.7	14.4	25.4
5		Feb-24	52.6	36.0	14.4	24.4
6		Mar-24	50.5	36.3	15.2	27.0
<b>Six Months Average</b>						
			52.2	36.0	14.5	24.8
1	PLANT BOUNDARY TOWARDS NORTH DIRECTION	Oct-23	56.1	36.1	14.7	28.1
2		Nov-23	55.8	34.5	13.5	22.8
3		Dec-23	49.4	36.1	14.7	25.7
4		Jan-24	53.9	36.1	15.1	25.4
5		Feb-24	53.8	35.7	14.5	25.5
6		Mar-24	49.4	35.6	14.7	28.4
<b>Six Months Average</b>						
			53.1	35.7	14.6	26.0
1	PLANT BOUNDARY TOWARDS SOUTH DIRECTION (NEAR CCR BUILDING)	Oct-23	55.5	36.4	14.6	26.7
2		Nov-23	56.5	34.7	16.3	23.2
3		Dec-23	53.4	35.9	17.2	28.6
4		Jan-24	54.6	35.7	15.7	26.1
5		Feb-24	56.5	34.7	16.3	23.2
6		Mar-24	55.3	35.3	16.4	25.3
<b>Six Months Average</b>						
			55.3	35.5	16.1	25.5



*[Handwritten signature]*

*[Handwritten signature]*



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## TEST REPORT

TEST REPORT NO.: ETS/1038/02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

Date Of Sampling : 31.01.2024  
Analysis Start Date : 01.02.2024  
Analysis End Date : 05.02.2024  
Duration Of Sampling : 30.0 MIN  
Sample ID No. : 1038  
Sampling Done By : ETS STAFF  
Sampling Method : ETS/STP/STACK-01  
Stack Attached To : CEMENT MILL  
Capacity Of Stack : 260.0 TPH  
Quantity Of Fuel Used : -----  
Type Of Fuel Used : -----  
Stack Height Above Ground : 43.0 MTR.  
Stack Dia At The Top : 2360.0 MM  
Material Of Construction : M.S.  
Attached APCS : -----  
Normal Operating Schedule : NORMAL  
Ambient Temperature : 18.0 °C  
Flue Gas Temperature : 65.0 °C  
Velocity Of Flue Gases : 6.2 MTR /SEC.  
Quantity Of Emission Discharged : 97586.07 M<sup>3</sup>/Hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	mg/Nm <sup>3</sup>	9.8	30	IS-11255 (Part-1)
2	Sulphur Dioxide,(SO <sub>2</sub> )	mg/Nm <sup>3</sup>	4.0	---	IS-11255 (Part-2)
3	Oxide of Nitrogen,(NOX as NO <sub>2</sub> )	mg/Nm <sup>3</sup>	17.0	---	IS-11255 (Part-7)
4	Carbon Monoxide.(CO)	%v/v	NIL	1	IS: 13270: 2008

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



Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro-Tech Services

Pushkar Mittal  
AUTHORIZED SIGNATORY  
Lab in-charge

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An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

## TEST REPORT

TEST REPORT NO.: ETS/1028/02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date Of Sampling** : 31.01.2024  
**Analysis Start Date** : 01.02.2024  
**Analysis End Date** : 05.02.2024  
**Duration Of Sampling** : 30.0 MIN  
**Sample ID No.** : 1028  
**Sampling Done By** : ETS STAFF  
**Sampling Method** : ETS/STP/STACK-01  
**Stack Attached To** : PACKING PLANT BAG FILTER -1  
**Capacity Of Stack** : Volume 31000 m3/hr  
**Quantity Of Fuel Used** : -----  
**Type Of Fuel Used** : -----  
**Stack Height Above Ground** : 36.5 MTR.  
**Stack Dia At The Top** : 1100.0 MM  
**Material Of Construction** : M.S.  
**Attached APCS** : BAG FILTER  
**Normal Operating Schedule** : NORMAL  
**Ambient Temperature** : 18.0 °C  
**Flue Gas Temperature** : 40.0°C  
**Velocity Of Flue Gases** : 7.8 MTR./SEC.  
**Quantity Of Emission Discharged** : 26671.78 M<sup>3</sup>/Hr

S. No.	Test Parameter	Unit	Result	Test Method
1	Particulate Matters,(PM)	mg/Nm <sup>3</sup>	7.9	IS-11255 (Part-1)

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



For ENVIRO-TECH SERVICES  
  
AUTHORIZED SIGNATORY  
Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1029/02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date Of Sampling** : 31.01.2024  
**Analysis Start Date** : 01.02.2024  
**Analysis End Date** : 05.02.2024  
**Duration Of Sampling** : 30.0 MIN  
**Sample ID No.** : 1029  
**Sampling Done By** : ETS STAFF  
**Sampling Method** : ETS/STP/STACK-01  
**Stack Attached To** : PACKING PLANT BAG FILTER -2  
**Capacity Of Stack** : Volume 31000 m3/Hr  
**Quantity Of Fuel Used** : -----  
**Type Of Fuel Used** : -----  
**Stack Height Above Ground** : 36.5 MTR.  
**Stack Dia At The Top** : 1100.0 MM  
**Material Of Construction** : M.S.  
**Attached APCS** : BAG FILTER  
**Normal Operating Schedule** : NORMAL  
**Ambient Temperature** : 18.0 °C  
**Flue Gas Temperature** : 35.0°C  
**Velocity Of Flue Gases** : 7.5 MTR./SEC.  
**Quantity Of Emission Discharged** : 25645.95M<sup>3</sup>/Hr

S. No.	Test Parameter	Unit	Result	Test Method
1	Particulate Matters,(PM)	mg/Nm <sup>3</sup>	8.0	IS-11255 (Part-1)

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



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
Quality Manager

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ETS-LAB

# ENVIRO-TECH SERVICES

An Analytical Laboratory



ISO 45001

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## TEST REPORT

TEST REPORT NO.: ETS/1030/02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date Of Sampling** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Sampling** : 30.0 MIN

**Sample ID No.** : 1030

**Sampling Done By** : ETS STAFF

**Sampling Method** : ETS/STP/STACK-01

**Stack Attached To** : PACKING PLANT BAG FILTER -3

**Capacity Of Stack** : Volume 31000 m3/Hr

**Quantity Of Fuel Used** : -----

**Type Of Fuel Used** : -----

**Stack Height Above Ground** : 36.5 MTR.

**Stack Dia At The Top** : 1100.0 MM

**Material Of Construction** : M.S.

**Attached APCS** : BAG FILTER

**Normal Operating Schedule** : NORMAL

**Ambient Temperature** : 18.0 °C

**Flue Gas Temperature** : 56.0°C

**Velocity Of Flue Gases** : 7.1 MTR./SEC.

**Quantity Of Emission Discharged** : 24278.16M<sup>3</sup>/Hr

S. No.	Test Parameter	Unit	Result	Test Method
1	Particulate Matters,(PM)	mg/Nm <sup>3</sup>	7.2	IS-11255 (Part-1)

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



For ENVIRO-TECH SERVICES  
  
 AUTHORIZED SIGNATORY  
 Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS1031//02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date Of Sampling** : 31.01.2024  
**Analysis Start Date** : 01.02.2024  
**Analysis End Date** : 05.02.2024  
**Duration Of Sampling** : 30.0 MIN  
**Sample ID No.** : 1031  
**Sampling Done By** : ETS STAFF  
**Sampling Method** : ETS/STP/STACK-01  
**Stack Attached To** : PACKING PLANT BAG FILTER -4  
**Capacity Of Stack** : Volume 31000 m3/Hr  
**Quantity Of Fuel Used** : -----  
**Type Of Fuel Used** : -----  
**Stack Height Above Ground** : 36.5 MTR.  
**Stack Dia At The Top** : 1100.0 MM  
**Material Of Construction** : M.S.  
**Attached APCS** : BAG FILTER  
**Normal Operating Schedule** : NORMAL  
**Ambient Temperature** : 18.0 °C  
**Flue Gas Temperature** : 52.0°C  
**Velocity Of Flue Gases** : 8.1MTR./SEC.  
**Quantity Of Emission Discharged** : 27697.62 M<sup>3</sup>/Hr

S. No.	Test Parameter	Unit	Result	Test Method
1	Particulate Matters,(PM)	mg/Nm <sup>3</sup>	9.6	IS-11255 (Part-1)

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



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## TEST REPORT

TEST REPORT NO.: ETS/1032/02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date Of Sampling** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Duration Of Sampling** : 30.0 MIN

**Sample ID No.** : 1032

**Sampling Done By** : ETS STAFF

**Sampling Method** : ETS/STP/STACK-01

**Stack Attached To** : DG SET

**Capacity Of Stack** : 125.0 KVA

**Quantity Of Fuel Used** : 20.0 LPH

**Type Of Fuel Used** : H.S.D

**Stack Height Above Ground** : 30.0 MTR.

**Stack Dia At The Top** : 350.0 MM

**Material Of Construction** : M.S.

**Attached APCS** : ACOUSTIC ENCLOSURE

**D.G. Set Comm. Date** : AFTER 01/04/2014 ( > 75 KW TO < 800 KW )

**Normal Operating Schedule** : AS PER REQUIRMENTS

**Ambient Temperature** : 18.0 °C

**Flue Gas Temperature** : 110.0 °C

**Velocity Of Flue Gases** : 12.6 MTR./SEC.

**Quantity Of Emission Discharged** : 4361.93 M<sup>3</sup>/Hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	g/kw-hr	0.12	0.2	IS-11255 (Part-1)
2	Carbon Monoxide,(CO)	g/kw-hr	0.45	3.5	IS: 13270
3	Sulphur Dioxide,(SO <sub>2</sub> )	mg/Nm <sup>3</sup>	28.0	Not Specified	IS-11255 (Part-2)



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1032/02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
4	Oxide of Nitrogen (NOx) + Hydro Carbon (HC)	g/kw-hr	1.41	4	IS-1 1255 (Part-7)

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



CHECKED BY  
SHRADDHA GUPTA

For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1033/02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

Date Of Sampling : 31.01.2024  
Analysis Start Date : 01.02.2024  
Analysis End Date : 05.02.2024  
Duration Of Sampling : 30.0 MIN  
Sample ID No. : 1033  
Sampling Done By : ETS STAFF  
Sampling Method : ETS/STP/STACK-01  
Stack Attached To : DG SET  
Capacity Of Stack : 1250.0 KVA  
Quantity Of Fuel Used : 130.0 LPH  
Type Of Fuel Used : H.S.D  
Stack Height Above Ground : 30.0 MTR.  
Stack Dia At The Top : 350.0 MM  
Material Of Construction : M.S.  
Attached APCS : ACOUSTIC ENCLOSURE  
D.G. Set Comm. Date : ON OR AFTER 01/07/2005 ( > 800 KW )  
Normal Operating Schedule : AS PER REQUIRMENTS  
Ambient Temperature : 18.0 °C  
Flue Gas Temperature : 250.0 °C  
Velocity Of Flue Gases : 14.2 MTR./SEC.  
Quantity Of Emission Discharged : 4915.82M<sup>3</sup>/Hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters (PM at 15% O <sub>2</sub> )	mg/Nm <sup>3</sup>	58.4	75	IS-11255 (Part-1)
2	Oxides of Nitrogen(NO <sub>x</sub> asNO <sub>2</sub> at 15% O <sub>2</sub> )	ppmv	265.0	710	IS-11255 (Part-7)
3	Carbon Monoxide (CO at 15% O <sub>2</sub> )	mg/Nm <sup>3</sup>	34.5	150	IS: 13270
4	Sulphur Dioxide,(SO <sub>2</sub> )	mg/Nm <sup>3</sup>	32.0	Not Specified	IS-11255 (Part-2)



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1033/02/2024

DATE OF REPORT: 05.02.2024

### STACK EMISSION MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
5	Non Methane Hydro Carbon(NMHC at 15% O <sub>2</sub> )	mg/Nm <sup>3</sup>	43.8	100	ETS/STP/STACK-07

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



CHECKED BY  
SHRADDHA GUPTA

For ENVIRO-TECH SERVICES  
  
AUTHORIZED SIGNATORY  
Quality Manager

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Anne kumar

**J.K.CEMENT WORKS, ALIGARH,  
Village: Satha, Tehsil: Koil, District: Aligarh (U.P.)**

**PARTICULATE MATTER EMISSION MONITORING REPORT OF CEMENT MILL (STACK EMISSION)**

Oct 23 to March 24

Date	Name of Stack	Cross Sectional Area of duct (in M2)	Stack Gases Temp. (in ° K)	Gaes Velocity (in M / Sec.)	Flow of gases (in NM3/Sec.)	Duration of sampling (in Min.)	Dust Conc. (Mg/MM3)	Mean Dust Conc.(in Mg/MM3)	Emission (in Ts/Day)	Remarks
05-Oct-23	CEMENT MILL	4.37	373	10.70	37.36	30.00	8.7	8.4	0.028	
10-Oct-23		4.37	372	10.55	36.93	30.00	7.2		0.023	
17-Oct-23		4.37	372	10.62	37.18	31.00	9.3		0.030	
28-Oct-23		4.37	371	10.61	37.24	30.00	8.4		0.027	
5-Nov-23	CEMENT MILL	4.37	373	10.64	37.15	30.00	9.3	9.6	0.030	
9-Nov-23		4.37	372	10.69	37.42	30.00	11.1		0.036	
18-Nov-23		4.37	371	10.61	37.24	30.00	8.7		0.028	
23-Nov-23		4.37	372	10.69	37.42	31.00	9.3		0.030	
5-Dec-23	CEMENT MILL	4.37	372	10.62	37.18	30.00	7.9	10.5	0.025	
9-Dec-23		4.37	372	10.55	36.93	30.00	10.8		0.034	
17-Dec-23		4.37	371	10.61	37.24	31.00	16.8		0.054	
29-Dec-23		4.37	372	10.69	37.42	30.00	6.4		0.021	
1-Jan-24	CEMENT MILL	4.37	371	10.61	37.24	30.00	9.6	8.1	0.031	
10-Jan-24		4.37	372	10.55	36.93	30.00	7.2		0.023	
15-Jan-24		4.37	372	10.69	37.42	31.00	7.5		0.024	
25-Jan-24		4.37	371	10.61	37.24	30.00	8.2		0.026	
6-Feb-24	CEMENT MILL	4.37	371	10.61	37.24	30.00	9.3	9.8	0.030	
9-Feb-24		4.37	372	10.62	37.18	30.00	11.8		0.038	
17-Feb-24		4.37	373	10.64	37.15	30.00	8.7		0.028	
24-Feb-24		4.37	373	10.70	37.36	31.00	9.3		0.030	
2-Mar-24	CEMENT MILL	4.37	373	10.64	37.15	30.00	7.9	11.8	0.025	
10-Mar-24		4.37	372	10.55	36.93	31.00	10.1		0.032	
17-Mar-24		4.37	373	10.64	37.15	30.00	10.8		0.035	
22-Mar-24		4.37	372	10.69	37.42	30.00	18.4		0.059	



*[Handwritten signature]*

Checked By  
*[Handwritten signature]*



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## TEST REPORT

TEST REPORT NO.: ETS/1034/02/2024

DATE OF REPORT: 05.02.2024

### WATER SAMPLE ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Sampling** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Sample ID No** : 1034

**Sampling Done By** : ETS STAFF

**Sampling Description** : GROUND WATER

**Sampling Location** : BOREWELL NO-01

**Sampling Method** : ETS/STP/WATER-02

**Sample Quantity** : 2.0 + 0.5 Ltr

**Packing Condition** : SEALED

**Packed In** : P.V.C. AND GLASS BOTTLE

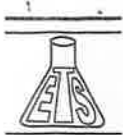
S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
				Desirable	Permissible	
<b>PHYSICAL &amp; CHEMICAL PARAMETERS:</b>						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.38	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	630.0	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.1	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	0.44	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	48.0	250	1000	APHA 4500:(Cl)-B
10	Sulphate,(SO <sub>4</sub> )	mg/L	65.0	200	400	APHA 4500:(SO <sub>4</sub> )-E
11	Total Alkalinity,(CaCO <sub>3</sub> )	mg/L	130.0	200	600	APHA 2320-B
12	Total Hardness,(CaCO <sub>3</sub> )	mg/L	174.0	200	600	APHA 2340-C
13	Magnesium,(Mg)	mg/L	9.8	30	100	APHA 3500:(Mg)-B
14	Nitrate,(NO <sub>3</sub> )	mg/L	1.56	45	No Relaxation	APHA 4500@NO <sub>3</sub> -B
15	Conductivity	µs/cm	926.0	Not Specified	Not Specified	APHA 2510-B
16	Calcium,(Ca)	mg/L	53.0	75	200	APHA 3500:(Ca)-B
17	Sulphide,(H <sub>2</sub> S)	mg/L	<0.01	0.05	No Relaxation	APHA 4500:(S <sub>2</sub> )-D



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Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1034/02/2024

DATE OF REPORT: 05.02.2024

### WATER SAMPLE ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012 )		Test Method
				Desirable	Permissible	
18	Anionic Detergent, (MBAS)	mg/L	<0.01	0.2	1	APHA 5540-C
19	Oil & Grease, (O & G )	mg/L	NIL	Not Specified	Not Specified	APHA 5520-D
20	Ammonia, (as Total NH <sub>3</sub> -N)	mg/L	<0.01	0.5	No Relaxation	APHA 4500:(NH <sub>3</sub> )-C
21	Phenolic Compound, (C <sub>6</sub> H <sub>5</sub> OH)	mg/L	<0.001	0.001	0.002	APHA 5530-C
<b>HEAVY METALS:-</b>						
22	Barium, (Ba)	mg/L	<0.01	0.7	No Relaxation	APHA 3120B
23	Boron, (B)	mg/L	<0.01	0.5	2.4	APHA 4500:(B)
24	Chloramines (as Cl <sub>2</sub> )	mg/L	<1.0	4.0	No Relaxation	APHA 4500:(Cl)-G
25	Copper, (Cu)	mg/L	<0.01	0.05	1.5	APHA 3120B
26	Manganese, (Mn)	mg/L	<0.01	0.1	0.3	APHA-3120B
27	Selenium, (as Se)	mg/L	<0.01	0.01	No Relaxation	APHA 3120B
28	Zinc, (Zn)	mg/L	<0.01	5	15	APHA-3120B
29	Cadmium, (Cd)	mg/L	<0.001	0.003	No Relaxation	APHA 3120B
30	Lead, (Pb)	mg/L	<0.01	0.01	No Relaxation	APHA-3120B
31	Mercury, (Hg)	mg/L	<0.001	0.001	No Relaxation	US EPA Method 200.7
32	Arsenic, (As)	mg/L	<0.01	0.01	No Relaxation	APHA 3120B
33	Total Chromium, (Cr)	mg/L	<0.01	0.05	No Relaxation	APHA-3120B
34	Nickel, (Ni)	mg/L	<0.01	0.02	No Relaxation	APHA-3120B
35	Aluminium, (Al)	mg/L	<0.01	0.03	0.2	APHA-3120B
36	Iron, (Fe)	mg/L	0.21	1	No Relaxation	APHA-3120B
<b>MICROBIOLOGICAL PARAMETER;</b>						
37	Total Coliform	Per100mL	Absent	Shall Not Be Detectable		IS 15185
38	Escherichia coli	Per100mL	Absent	Shall Not Be Detectable		IS 15185

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



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## TEST REPORT

TEST REPORT NO.: ETS/1035/02/2024

DATE OF REPORT: 05.02.2024

### WATER SAMPLE ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Sampling** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Sample ID No** : 1035

**Sampling Done By** : ETS STAFF

**Sampling Description** : GROUND WATER

**Sampling Location** : BOREWELL NO-02

**Sampling Method** : ETS/STP/WATER-02

**Sample Quantity** : 2.0 + 0.5 Ltr

**Packing Condition** : SEALED

**Packed In** : P.V.C. AND GLASS BOTTLE

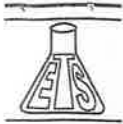
S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
				Desirable	Permissible	
<b>PHYSICAL &amp; CHEMICAL PARAMETERS;</b>						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.49	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	568.0	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.1	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	0.72	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	62.0	250	1000	APHA 4500:(Cl)-B
10	Sulphate,(SO <sub>4</sub> )	mg/L	57.0	200	400	APHA 4500:(SO <sub>4</sub> )-E
11	Total Alkalinity,(CaCO <sub>3</sub> )	mg/L	134.0	200	600	APHA 2320-B
12	Total Hardness,(CaCO <sub>3</sub> )	mg/L	192.0	200	600	APHA 2340-C
13	Magnesium,(Mg)	mg/L	12.5	30	100	APHA 3500:(Mg)-B
14	Nitrate,(NO <sub>3</sub> )	mg/L	1.71	45	No Relaxation	APHA 4500@NO <sub>3</sub> -B
15	Conductivity	µs/cm	821.0	Not Specified	Not Specified	APHA 2510-B
16	Calcium,(Ca)	mg/L	56.0	75	200	APHA 3500:(Ca)-B
17	Sulphide,(H <sub>2</sub> S)	mg/L	<0.01	0.05	No Relaxation	APHA 4500:(S <sub>2</sub> )-D

CHECKED BY  
SHRADDHA GUPTA

For ENVIRO-TECH SERVICES  
  
 AUTHORIZED SIGNATORY  
 Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1035/02/2024

DATE OF REPORT: 05.02.2024

### WATER SAMPLE ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012 )		Test Method
				Desirable	Permissible	
18	Anionic Detergent,(MBAS)	mg/L	<0.01	0.2	1	APHA 5540-C
19	Oil & Grease, (O & G )	mg/L	NIL	Not Specified	Not Specified	APHA 5520-D
20	Ammonia,(as Total NH <sub>3</sub> -N)	mg/L	<0.01	0.5	No Relaxation	APHA 4500:(NH <sub>3</sub> )-C
21	Phenolic Compound,(C <sub>6</sub> H <sub>5</sub> OH)	mg/L	<0.001	0.001	0.002	APHA 5530-C
<b>HEAVY METALS:-</b>						
22	Barium,(Ba)	mg/L	<0.01	0.7	No Relaxation	APHA 3120B
23	Boron,(B)	mg/L	<0.01	0.5	2.4	APHA 4500:(B)
24	Chloramines (as Cl <sub>2</sub> )	mg/L	<1.0	4.0	No Relaxation	APHA 4500:(Cl)-G
25	Copper,(Cu)	mg/L	<0.01	0.05	1.5	APHA 3120B
26	Manganese,(Mn)	mg/L	<0.01	0.1	0.3	APHA-3120B
27	Selenium,(as Se)	mg/L	<0.01	0.01	No Relaxation	APHA 3120B
28	Zinc,(Zn)	mg/L	<0.01	5	15	APHA-3120B
29	Cadmium,(Cd)	mg/L	<0.001	0.003	No Relaxation	APHA 3120B
30	Lead,(Pb)	mg/L	<0.01	0.01	No Relaxation	APHA-3120B
31	Mercury,(Hg)	mg/L	<0.001	0.001	No Relaxation	US EPA Method 200.7
32	Arsenic,(As)	mg/L	<0.01	0.01	No Relaxation	APHA 3120B
33	Total Chromium,(Cr)	mg/L	<0.01	0.05	No Relaxation	APHA-3120B
34	Nickel,(Ni)	mg/L	<0.01	0.02	No Relaxation	APHA-3120B
35	Aluminium,(Al)	mg/L	<0.01	0.03	0.2	APHA-3120B
36	Iron,(Fe)	mg/L	0.17	1	No Relaxation	APHA-3120B
<b>MICROBIOLOGICAL PARAMETER;</b>						
37	Total Coliform	Per100mL	Absent	Shall Not Be Detectable		IS 15185
38	Escherichia coli	Per100mL	Absent	Shall Not Be Detectable		IS 15185

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

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SHRADDHA GUPTA

ENVIRO-TECH SERVICES

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## TEST REPORT

TEST REPORT NO.: ETS/1037/02/2024

DATE OF REPORT: 05.02.2024

### WASTE WATER SAMPLE ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Sampling** : 31.01.2024  
**Analysis Start Date** : 01.02.2024  
**Analysis End Date** : 05.02.2024  
**Sample ID No** : 1037  
**Sampling Done By** : ETS STAFF  
**Sampling Description** : BEFORE TREATMENT  
**Sampling Location** : S.T.P-INLET  
**Sampling Method** : ETS/STP/WATER-02  
**Sample Quantity** : 2.0 Ltr.  
**Packing Condition** : SEALED  
**Packed In** : P.V.C. CANE

S. No.	Test Parameter	Unit	Result	Test Method
1	pH	...	8.91	APHA 4500-H+
2	Total Suspended Solids,(TSS)	mg/L	145.2	APHA 2540-D
3	Oil & Grease, (O & G )	mg/L	9.6	APHA 5520-D
4	Biological Oxygen Demand(BOD <sub>3d</sub> 27°C)	mg/L	57.0	IS: 3025 (Part-44)
5	Chemical Oxygen Demand,(COD)	mg/L	480.0	APHA 5220-B

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



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1036/02/2024

DATE OF REPORT: 05.02.2024

### WASTE WATER SAMPLE ANALYSIS REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Sampling** : 31.01.2024

**Analysis Start Date** : 01.02.2024

**Analysis End Date** : 05.02.2024

**Sample ID No** : 1036

**Sampling Done By** : ETS STAFF

**Sampling Description** : AFTER TREATMENT

**Sampling Location** : S.T.P-OUTLET

**Sampling Method** : ETS/STP/WATER-02

**Sample Quantity** : 2.0 Ltr.

**Packing Condition** : SEALED

**Packed In** : P.V.C. CANE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)		Test Method
				Inland Surface Water	Public Sewers	
1	pH	...	7.34	5.5 - 9.0	5.5 - 9.0	APHA 4500-H+
2	Total Suspended Solids,(TSS)	mg/L	31.7	100	600	APHA 2540-D
3	Oil & Grease, (O & G )	mg/L	4.2	10	20	APHA 5520-D
4	Biological Oxygen Demand(BOD <sub>3d</sub> 27°C)	mg/L	18.0	30	350	IS: 3025 (Part-44)
5	Chemical Oxygen Demand,(COD)	mg/L	92.0	250	Not Specified	APHA 5220-B

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



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Quality Manager


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## Water Withdral Oct'23 to Mar'24 In KL

Month	Bore -2	Bore-1	Total
23-Oct	2979.26	357.44	3336.70
23-Nov	2291.87	222.38	2514.25
23-Dec	2920.31	225.83	3146.14
24-Jan	2703.47	211.52	2914.99
24-Feb	3045.43	218.67	3264.10
24-Mar	3724.10	394.44	4118.54
<b>Total</b>			<b>19294.72</b>

Checked by  






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## TEST REPORT

TEST REPORT NO.: ETS/1018/02/2024

DATE OF REPORT: 05.02.2024

## NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 01.02.2024

**Duration Of Monitoring** : 24 HOURS

**Sample ID No** : 1018

**Monitoring Done By** : ETS STAFF

**Sampling Location** : PLANT BOUNDARY TOWARDS EAST DIRECTION

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	64.2	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	51.4	70	IS: 9989

**Remark:** Day time is reckoned in between 06.00 A.M. and 10.00 P.M.  
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

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



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For ENVIRO-TECH SERVICES

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Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1019/02/2024

DATE OF REPORT: 05.02.2024

## NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 01.02.2024

**Duration Of Monitoring** : 24 HOURS

**Sample ID No** : 1019

**Monitoring Done By** : ETS STAFF

**Sampling Location** : PLANT BOUNDARY TOWARDS NORTH DIRECTION

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	65.2	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	63.8	70	IS: 9989

**Remark:** Day time is reckoned in between 06.00 A.M. and 10.00 P.M.  
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

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



CHECKED BY  
SHRADDHA GUPTA

For ENVIRO-TECH SERVICES

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Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1020/02/2024

DATE OF REPORT: 05.02.2024

### NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 01.02.2024

**Duration Of Monitoring** : 24 HOURS

**Sample ID No** : 1020

**Monitoring Done By** : ETS STAFF

**Sampling Location** : PLANT BOUNDARY TOWARDS WEST DIRECTION (PROJECT OFFICE)

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	65.2	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	52.4	70	IS: 9989

**Remark:** Day time is reckoned in between 06.00 A.M. and 10.00 P.M.  
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

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



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
Quality Manager

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# ENVIRO-TECH SERVICES

An Analytical Laboratory



ISO 45001

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



## TEST REPORT

TEST REPORT NO.: ETS/1021/02/2024

DATE OF REPORT: 05.02.2024

## NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 01.02.2024

**Duration Of Monitoring** : 24 HOURS

**Sample ID No** : 1021

**Monitoring Done By** : ETS STAFF

**Sampling Location** : PLANT BOUNDARY TOWARDS SOUTH DIRECTION  
(NEAR CCR BUILDING)

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	67.1	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	58.6	70	IS: 9989

**Remark:** Day time is reckoned in between 06.00 A.M. and 10.00 P.M.  
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

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



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

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## TEST REPORT

TEST REPORT NO.: ETS/1022/02/2024

DATE OF REPORT: 05.02.2024

### NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 31.01.2024

**Duration Of Monitoring** : 8 HOURS

**Sample ID No** : 1022

**Monitoring Done By** : ETS STAFF

**Sampling Location** : COMPRESSOR ROOM AREA

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factories Act)	Test Method
1	Indoor Noise Level- Day Time	dB (A)	75.4	90	IS: 9876

**Remark:** Day time as per factory sift time.

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



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
MD RUMRAJ  
Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1023/02/2024

DATE OF REPORT: 05.02.2024

## NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024  
**Monitoring Start Date** : 31.01.2024  
**Monitoring End Date** : 31.01.2024  
**Duration Of Monitoring** : 8 HOURS  
**Sample ID No** : 1023  
**Monitoring Done By** : ETS STAFF  
**Sampling Location** : CEMENT MILL AREA  
**Sampling Method** : ETS/STP/NOISE-01  
**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factories Act)	Test Method
1	Indoor Noise Level- Day Time	dB (A)	71.5	90	IS: 9876

Remark: Day time as per factory sift time.

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

CHECKED BY  
SHRADDHA GUPTA

For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
M. HUMRAJ  
Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1024/02/2024

DATE OF REPORT: 05.02.2024

### NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 31.01.2024

**Duration Of Monitoring** : 8 HOURS

**Sample ID No** : 1024

**Monitoring Done By** : ETS STAFF

**Sampling Location** : UNLOADING AREA

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factories Act)	Test Method
1	Indoor Noise Level- Day Time	dB (A)	68.2	90	IS: 9876

**Remark:** Day time as per factory sift time.

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



For ENVIRO-TECH SERVICES  
**AUTHORIZED SIGNATORY**  
Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1025/02/2024

DATE OF REPORT: 05.02.2024

## NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 31.01.2024

**Duration Of Monitoring** : 8 HOURS

**Sample ID No** : 1025

**Monitoring Done By** : ETS STAFF

**Sampling Location** : PACKING PLANT AREA

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factories Act)	Test Method
1	Indoor Noise Level- Day Time	dB (A)	78.2	90	IS: 9876

Remark: Day time as per factory sift time.

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



For ENVIRO-TECH SERVICES  
  
 AUTHORIZED SIGNATORY  
 Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1026/02/2024

DATE OF REPORT: 05.02.2024

### NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 31.01.2024

**Duration Of Monitoring** : 16 MINUTES (AT 1 MINUTES INTERVAL EACH POINT)

**Sample ID No** : 1026

**Monitoring Done By** : ETS STAFF

**Sampling Location** : 1.0 METER AWAY FROM ACOUSTIC ENCLOSURE- DG. SET1250 KVA

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	DG Noise Level	dB (A)	70.8	75	IS: 9876

**Remark:** All doors of acoustic enclosure closed and DG set running at the time of monitoring.

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



CHECKED BY  
SHRADDHA GUPTA

For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY

Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## TEST REPORT

TEST REPORT NO.: ETS/1027/02/2024

DATE OF REPORT: 05.02.2024

### NOISE MONITORING REPORT

**Name And Address of Customer** : M/s, J.K. CEMENT LTD.  
ALIGARH-KASIMPUR ROAD, VILLAGE-SANTHA, PARGANA  
MORTHAL, TEHSIL- KOIL, DISTRICT-ALIGARH, U.P.

**Date of Monitoring** : 31.01.2024

**Monitoring Start Date** : 31.01.2024

**Monitoring End Date** : 31.01.2024

**Duration Of Monitoring** : 16 MINUTES (AT 1 MINUTES INTERVAL EACH POINT)

**Sample ID No** : 1027

**Monitoring Done By** : ETS STAFF

**Sampling Location** : 1.0 METER AWAY FROM ACOUSTIC ENCLOSURE- DG. SET125 KVA

**Sampling Method** : ETS/STP/NOISE-01

**Category Of Area** : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	DG Noise Level	dB (A)	64.8	75	IS: 9876

**Remark:** All doors of acoustic enclosure closed and DG set running at the time of monitoring.

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



For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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Annexure-9

**J.K.CEMENT WORKS ,ALIGARH ,**  
**Village: Satha, Tehsil: Koil, District: Aligarh (U.P.)**

**QUARTERLY NOISE LEVEL MONITIORNG RESULT**

Sr.No.	Month	Day / Night	COMPRESSOR ROOM AREA	CEMENT MILL AREA	UNLOADING AREA	PACKING PLANT AREA	Near DG set
1	Oct-23	Day	67.10	67.20	68.50	68.20	Not Running
2	Nov-23	Day	68.80	64.40	66.20	64.80	Not Running
3	Dec-23	Day	66.4	67.4	68.1	66.8	Not Running
4	Jan-24	Day	68.1	66.2	68.5	68.2	Not Running
5	Feb-24	Day	68.8	64.4	66.2	64.8	Not Running
6	Mar-24	Day	75.6	77.4	79.1	76.8	Not Running

Monitored By

*[Signature]*

Checked By

*[Signature]*





**JK Cement Limited**

**CORPORATE ENVIRONMENT POLICY**

JK Cement Limited is committed to ensure clean, green and healthy environment for sustainable development through:

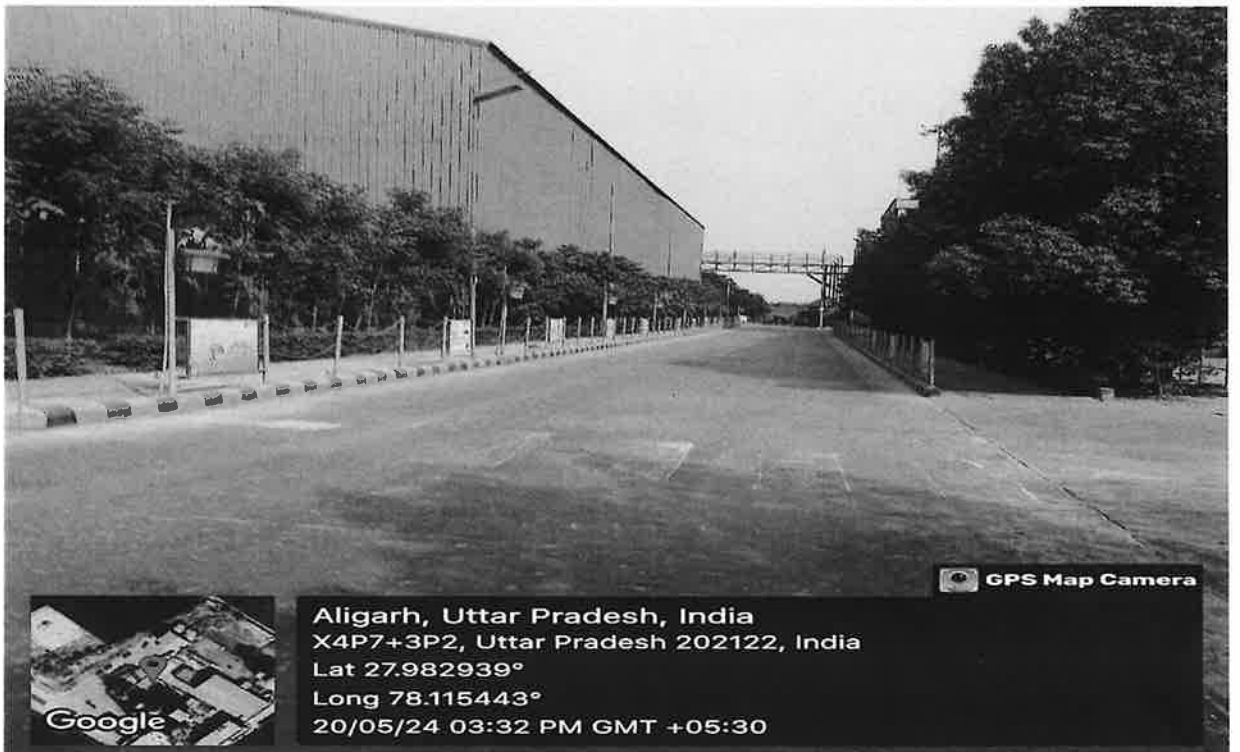
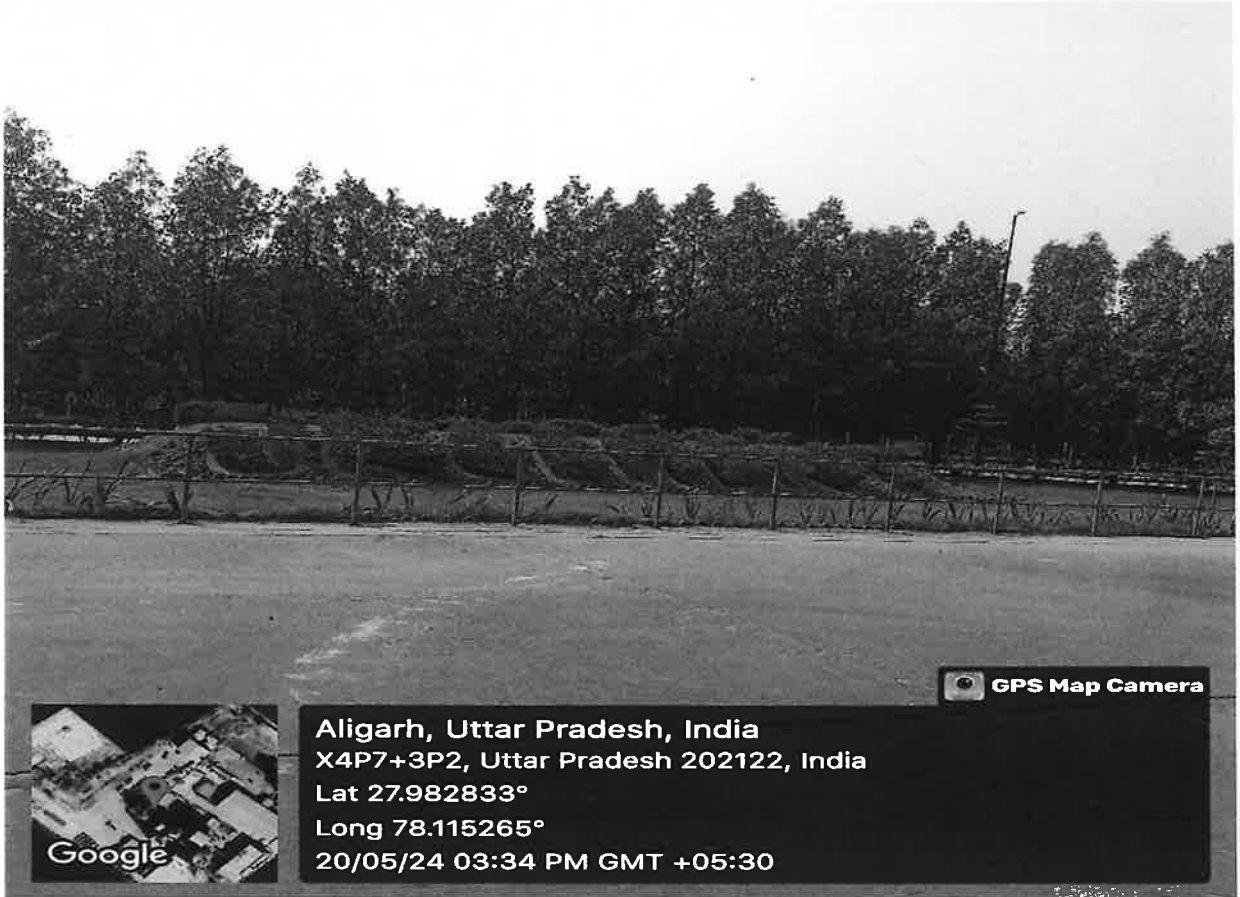
- By ensuring that the activities of the company comply with all the relevant laws, regulations and industry and applicable codes of standards and practices, as well as to take any additional measures considered necessary.
- By involving all employees in implementation of the Company's policy and imparting appropriate training, providing for dissemination of information to employees on Environmental objectives and performance through suitable communication networks.
- By involving the Suppliers, Vendors, Customers, Clients and other Business Associates to promote awareness among them for their responsibility towards Environment and to encourage their participation in achieving our Environmental Goals.
- Continuously improve in effectiveness of environmental management with proper systems to prevent, mitigate and control environmental impacts due to operations across the value chain and local community.
- By building awareness to all stakeholders including employees, customers, vendors etc. on environmental issues as well as compliance of relevant environmental legislation by implementing the environmental management system.
- By improvement in environment management, efficient use of natural resources, energy & plant equipment.
- By promoting reuse and recycling wastes, reduction in emission, noise, waste and greenhouse gases.
- By greenbelt development for local bio-diversity management and conservation in coalition with local communities, authorities and other stakeholders.
- By reporting of non-compliances (if any), violations of environmental norms of the conditions of environment clearance/ consent/ NOC/ authorization and permission etc. relevant to the environmental conditions, wherever required to the director and occupier by the respective Unit Head, Administrative Head, Technical Head and Environment Head so as to fulfil the deviation from compliances as and when required.

J.K. Cement is implementing due diligence as an essential activity in mergers and acquisitions (M&A) transactions.

This policy will be reviewed periodically and updated as may be required. This Policy shall be made known to all our customers and stakeholders, apart from all our employees.

  
**Rajnish Kapur**  
**Chief Operating Officer**

# Plantation Photo





## CEMS PHOTO



## AAQMS PHOTO

