

Ref. No.: AL/EMD/MoEF/2019-20/F 02/002

Date: 24.05.2022

To

The Deputy Director General of Forest (C),  
Ministry of Environment, Forest and Climate Change,  
Integrated Regional Office, Kendriya Bhawan, 5th 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: October, 2021 to March, 2022.

Ref.: EC granted by SEIAA vide letter No.: 532/Parya/SEAC/4214/2018, dated 27th 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: October, 2021 to March, 2022 as per the above reference EC letter.


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

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

Thanking you,

Yours faithfully,

For, J.K. Cement Works,

  
(Sanyog Dubey)  
(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

- Padam Tower, 19, DDA Community Centre,  
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**ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT**  
**(Period Oct 2021 to March 2022)**

**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: 24.05.2022**

C. No.	S. No.	Details of Conditions	Conditions Compliance Status
<b>I</b>	<b>Statutory compliance</b>		
	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 any 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 Annexure-1. Hence diversion of land is not applicable.
	ii	The project proponent shall obtain clearance from the National Board for Wild life, 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/ Wild life 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. 1. 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 in <b>Annexure-2</b> . 2. Consent to Operate has been obtained for Air vide letter No. 72122/UPPCB/Aligarh /(UPPCBRO)/ CTO/air/ ALIGARH/2019, dated 15.01.2020 and 3. Consent to Operate has been obtained for Water vide letter No. 72125/UPPCB/Aligarh (UPPCBRO)/ CTO/water/ALIGARH/2019, dated 15.01.2020, copy is attached in <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. Renewal of NOC has been obtained from UPGW with registration no.20210700720 & 202107000395 valid up to 8/8/2026.
	vi	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied with. HW authorization has been obtained from UPPCB vide letter no. 11919/UPPCB/Aligarh(UPPCBRO)/HWM/ALIGARH/2020 Dated: 12/06/2020 & amendment vide letter no. H50793 C-4/ Hazards/2019 dated 08/07/2020 valid up to 11-6-25, copy is attached in <b>Annexure-4</b> .
<b>II</b>	<b>Air quality monitoring and preservation</b>		



# ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT

(Period Oct 2021 to March 2022)

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

	i	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.	Complied with. OCEMS for PM emission monitoring has been installed at Cement Mill stack and connected with server of SPCB and CPCB.																																																		
	ii	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Complying with. Fugitive emission monitored by EPA recognised Lab, report is attached in <b>Annexure 5</b> Monthly average of fugitive emission results (in µg/M <sup>3</sup> ) are as: - <table><tr><th>Month</th><th>L-1</th><th>L-2</th><th>L-3</th><th>L-4</th></tr><tr><td><b>Oct-21</b></td><td>1250</td><td>1630</td><td>1410</td><td>960</td></tr><tr><td><b>Nov-21</b></td><td>1220</td><td>1500</td><td>1410</td><td>930</td></tr><tr><td><b>Dec-21</b></td><td>1230</td><td>1710</td><td>1400</td><td>910</td></tr><tr><td><b>Jan-22</b></td><td>1250</td><td>1600</td><td>1350</td><td>930</td></tr><tr><td><b>Feb-22</b></td><td>1220</td><td>1510</td><td>1370</td><td>970</td></tr><tr><td><b>Mar-22</b></td><td>1230</td><td>1670</td><td>1380</td><td>940</td></tr></table> L1- Cement Mill Area L-2-Packing Area L-3- Fly ash Silo Area L-4- Unloading Area	Month	L-1	L-2	L-3	L-4	<b>Oct-21</b>	1250	1630	1410	960	<b>Nov-21</b>	1220	1500	1410	930	<b>Dec-21</b>	1230	1710	1400	910	<b>Jan-22</b>	1250	1600	1350	930	<b>Feb-22</b>	1220	1510	1370	970	<b>Mar-22</b>	1230	1670	1380	940															
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	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 report is attached in <b>Annexure:6</b>  Station 1: Plant boundary towards east direction are as :-All the results in (µg/m <sup>3</sup> ) <table><tr><th>Month</th><th>PM 10</th><th>PM 2.5</th><th>SO2</th><th>NOx</th></tr><tr><td><b>21-Oct</b></td><td>52.36</td><td>30.03</td><td>12.15</td><td>21.31</td></tr><tr><td><b>21-Nov</b></td><td>51.44</td><td>32.42</td><td>20.71</td><td>28.77</td></tr><tr><td><b>21-Dec</b></td><td>51.80</td><td>34.05</td><td>14.45</td><td>23.16</td></tr><tr><td><b>22-Jan</b></td><td>56.63</td><td>29.50</td><td>12.15</td><td>21.31</td></tr><tr><td><b>22-Feb</b></td><td>56.80</td><td>36.80</td><td>14.20</td><td>22.40</td></tr><tr><td><b>22-Mar</b></td><td>53.88</td><td>35.37</td><td>14.90</td><td>23.26</td></tr></table> Station 2: Plant boundary towards west direction (Project office) <table><tr><th>Month</th><th>PM 10</th><th>PM 2.5</th><th>SO2</th><th>NOx</th></tr><tr><td><b>21-Oct</b></td><td>55.01</td><td>35.49</td><td>12.16</td><td>26.06</td></tr><tr><td><b>21-Nov</b></td><td>59.38</td><td>37.42</td><td>15.81</td><td>26.36</td></tr></table>	Month	PM 10	PM 2.5	SO2	NOx	<b>21-Oct</b>	52.36	30.03	12.15	21.31	<b>21-Nov</b>	51.44	32.42	20.71	28.77	<b>21-Dec</b>	51.80	34.05	14.45	23.16	<b>22-Jan</b>	56.63	29.50	12.15	21.31	<b>22-Feb</b>	56.80	36.80	14.20	22.40	<b>22-Mar</b>	53.88	35.37	14.90	23.26	Month	PM 10	PM 2.5	SO2	NOx	<b>21-Oct</b>	55.01	35.49	12.16	26.06	<b>21-Nov</b>	59.38	37.42	15.81	26.36
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**EC Letter No. 532/Parya/SEAC/4214/2018, dated 27<sup>th</sup> November, 2018**






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			<table><tr><td>21-Dec</td><td>54.76</td><td>36.53</td><td>15.13</td><td>29.85</td></tr><tr><td>1-Jan</td><td>55.05</td><td>37.89</td><td>12.32</td><td>28.40</td></tr><tr><td>2-Feb</td><td>56.05</td><td>36.83</td><td>13.85</td><td>27.67</td></tr><tr><td>3-Mar</td><td>53.71</td><td>36.30</td><td>15.13</td><td>29.85</td></tr></table> <p>Station 3: Plant boundary towards North direction</p> <table><tr><td>Month</td><td>PM 10</td><td>PM 2.5</td><td>SO2</td><td>NOx</td></tr><tr><td>21-Oct</td><td>51.77</td><td>36.13</td><td>11.95</td><td>26.24</td></tr><tr><td>21-Nov</td><td>57.99</td><td>37.21</td><td>16.27</td><td>22.58</td></tr><tr><td>21-Dec</td><td>52.66</td><td>37.27</td><td>17.35</td><td>29.53</td></tr><tr><td>1-Jan</td><td>51.78</td><td>36.13</td><td>11.95</td><td>26.24</td></tr><tr><td>2-Feb</td><td>56.06</td><td>34.47</td><td>13.44</td><td>22.77</td></tr><tr><td>3-Mar</td><td>54.80</td><td>36.09</td><td>17.35</td><td>29.53</td></tr></table> <p>Station 4: Plant boundary towards South direction (Near CCR building)</p> <table><tr><td>Month</td><td>PM 10</td><td>PM 2.5</td><td>SO2</td><td>NOx</td></tr><tr><td>21-Oct</td><td>48.53</td><td>36.67</td><td>11.95</td><td>26.24</td></tr><tr><td>21-Nov</td><td>56.54</td><td>35.87</td><td>18.19</td><td>26.80</td></tr><tr><td>21-Dec</td><td>54.43</td><td>35.94</td><td>17.23</td><td>29.36</td></tr><tr><td>1-Jan</td><td>53.94</td><td>34.52</td><td>11.65</td><td>25.52</td></tr><tr><td>2-Feb</td><td>53.36</td><td>35.75</td><td>14.76</td><td>26.98</td></tr><tr><td>3-Mar</td><td>56.56</td><td>35.94</td><td>17.23</td><td>29.36</td></tr></table>	21-Dec	54.76	36.53	15.13	29.85	1-Jan	55.05	37.89	12.32	28.40	2-Feb	56.05	36.83	13.85	27.67	3-Mar	53.71	36.30	15.13	29.85	Month	PM 10	PM 2.5	SO2	NOx	21-Oct	51.77	36.13	11.95	26.24	21-Nov	57.99	37.21	16.27	22.58	21-Dec	52.66	37.27	17.35	29.53	1-Jan	51.78	36.13	11.95	26.24	2-Feb	56.06	34.47	13.44	22.77	3-Mar	54.80	36.09	17.35	29.53	Month	PM 10	PM 2.5	SO2	NOx	21-Oct	48.53	36.67	11.95	26.24	21-Nov	56.54	35.87	18.19	26.80	21-Dec	54.43	35.94	17.23	29.36	1-Jan	53.94	34.52	11.65	25.52	2-Feb	53.36	35.75	14.76	26.98	3-Mar	56.56	35.94	17.23	29.36
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	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.	<p>Graphs on stack emission of OCEMS is attached in <b>Annexure: 7.</b></p> <p>Stack emission monitored by recognised lab, copy is attached in <b>Annexure:8.</b></p> <p>Monthly average of cement mill stack emission are as given below: -</p> <table><tr><td>Month</td><td>Result ( Mg/Nm3)</td></tr><tr><td>Oct'21</td><td>15.6</td></tr><tr><td>Nov'21</td><td>16.0</td></tr><tr><td>Dec'21</td><td>13.8</td></tr><tr><td>Jan'22</td><td>13.8</td></tr><tr><td>Feb'22</td><td>13.1</td></tr><tr><td>Mar'22</td><td>14.2</td></tr></table>	Month	Result ( Mg/Nm3)	Oct'21	15.6	Nov'21	16.0	Dec'21	13.8	Jan'22	13.8	Feb'22	13.1	Mar'22	14.2																																																																												
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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.	<p>Complied with. Bag house at cement mill stack has been provided to maintain PM emission level of &lt;30 mg/Nm3, bag filters are provided at all transfer points.</p> <p>Photographs of Bag house and bag filters attached with dust generating points are enclosed as <b>Annexure- 9.</b></p>																																																																																										
	vi	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.	<p>Complied with.</p> <p>Mechanised bag cleaning facilities of Bag filters and Leakage detection system has been provided.</p>																																																																																										



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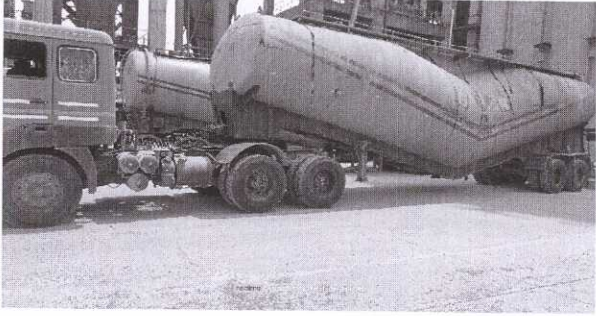


	vii	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	<p>Bag house at cement mill stack has been provided to maintain PM emission level of &lt;30 mg/Nm<sup>3</sup>, bag filters are provided at all transfer points, cemented roads has been constructed and 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. Silo, bag filter and cover belt Pics.</p> 
			 
	viii	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	<p><b>2 no. Road sweeping machine</b> has been deployed for road cleaning.</p>  

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	ix	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.	<p>Complying with.</p> <p>Clinker is being transported through truck with covering by tarpaulin. Fly ash is transported by closed bulkers and stored in closed silo. Photograph attached in <b>Annexure-10</b>.</p> 
	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> <p>Photographs are attached as <b>Annexure- 10</b>.</p>
	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 allow with valid PUC only in the plant. Photograph of truck parking is attached in <b>Annex-10</b>.</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 and end products has been provided. Photograph of covered conveyor belt attached in <b>Annexure-10</b>.</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>



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III	Water quality monitoring and preservation:										
	i	<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. Being a dry process based plant there is no any effluent generation from Process.</p>								
	ii	<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. Ground water quality monitored on 09.07.2021 through recognized lab. Reports are enclosed as <b>Annexure-11</b></p>								
	iii	<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. Being a dry process based plant there is no any effluent generation from Process.</p>								
	iv	<p>Adhere to Zero Liquid Discharge</p>	<p>Complying with. Zero Liquid Discharge is being maintained.</p>								
	v	<p>Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.</p>	<p>STP has been provided with capacity of 15 KLD for treatment of domestic waste water to meet the prescribe standard.</p>								
	vi	<p>Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rain sand to check the water pollution due to surface runoff.</p>	<p>Complied with. All raw materials are stored under covered shed and silos.</p>								
	vii	<p>The project proponent shall practice rain water harvesting to maximum possible extent.</p>	<p>Complied with. Three numbers of rain water harvesting structure has been provided. Photograph attached in <b>Annexure- 12.</b></p>								
	viii	<p>Water meters shall be provided at the inlet to all unit processes in the cement plant.</p>	<p>Complied with. Water meters at the inlet of all process unit has been provided in the Cement Plant.</p>								
	ix	<p>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.</p>	<p>Continuous efforts has been taken to reduce water consumption. STP treated waste water is being reused in plantation and horticulture and MVR system is also establish to reduce the water consumption of plant.</p> <p>Water consumption details: -</p> <table><tr><th>Month</th><th>Water consumption (KL)</th></tr><tr><td>Oct-21</td><td>1857</td></tr><tr><td>Nov-21</td><td>2007</td></tr><tr><td>Dec-21</td><td>1920</td></tr></table>	Month	Water consumption (KL)	Oct-21	1857	Nov-21	2007	Dec-21	1920
Month	Water consumption (KL)										
Oct-21	1857										
Nov-21	2007										
Dec-21	1920										



**ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT**  
(Period Oct 2021 to March 2022)

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

			Jan-22	982																																			
			Feb-22	992																																			
			Mar-22	1888																																			
<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.	<p>Noise monitoring is being done periodically and report is attached in <b>Annexure:13</b> Monthly average of ambient Noise are as (Day/Night in dB) :-</p> <table border="1"> <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>Oct 2021</td><td>65/62</td><td>66/59</td><td>65/57</td><td>65/58</td></tr> <tr> <td>Nov 2021</td><td>64/60</td><td>64/60</td><td>66/58</td><td>63/57</td></tr> <tr> <td>Dec 2021</td><td>72/62</td><td>67/63</td><td>69/57</td><td>71/62</td></tr> <tr> <td>Jan 2022</td><td>66/62</td><td>66/62</td><td>65/58</td><td>68/60</td></tr> <tr> <td>Feb 2022</td><td>64/63</td><td>64/60</td><td>66/65</td><td>64/59</td></tr> <tr> <td>Mar 2022</td><td>71/64</td><td>67/65</td><td>69/57</td><td>71/62</td></tr> </tbody> </table> <p>L1- Plant boundary towards east direction L-2-Plant boundary towards west direction (Project office) L-3- Plant boundary towards North direction L-4- Plant boundary towards South direction (Near CCR building)</p>		Month	L 1	L 2	L 3	L 4	Oct 2021	65/62	66/59	65/57	65/58	Nov 2021	64/60	64/60	66/58	63/57	Dec 2021	72/62	67/63	69/57	71/62	Jan 2022	66/62	66/62	65/58	68/60	Feb 2022	64/63	64/60	66/65	64/59	Mar 2022	71/64	67/65	69/57	71/62
Month	L 1	L 2	L 3	L 4																																			
Oct 2021	65/62	66/59	65/57	65/58																																			
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Mar 2022	71/64	67/65	69/57	71/62																																			
	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.	<p>Solar light has been installed for common area.</p> 																																				
	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	Plantation program is going on till date 2211 numbers of saplings have been planted up to date with																																				



# ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT

(Period Oct 2021 to March 2022)

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

Letter No. 552/Polyu/SLAC/4214/2018, dated 27<sup>th</sup> November, 2018

		tree species in accordance with CPCB guide lines. The green belt shall inter alia cover the entire periphery of the plant	covering 1.849 ha area which is approx. 27% of plant area, and rest of 33% will be completed in coming monsoon.												
	ii	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Complying with. On basis of planted sapling carbon sink has calculated, Total carbon Sequestered is 1.08 tonnes. Total carbon sequestered (Tonnes of CO <sub>2</sub> ) is 3.95 tonnes.												
VIII	Public hearing and Human health issues														
	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 prepared & implemented at site.												
	ii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Complied 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. 319 no's Six Months medical examinations are being done to the employee & workmen and record maintained.												
IX	Corporate Environment Responsibility														
	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.	Complying with. Details of CSR activities given for 2021-22. <table><tr><td>Focus Area</td><td>Amount Expenditure Lacs (Rs.)</td></tr><tr><td>Community Welfare -</td><td>23.88</td></tr><tr><td>Educational Charity -</td><td>31.44</td></tr><tr><td>Health -</td><td>0.19</td></tr><tr><td>Covid -19 -</td><td>4.31</td></tr><tr><td>Total Expenditure (Rs.)</td><td>59.82</td></tr></table>	Focus Area	Amount Expenditure Lacs (Rs.)	Community Welfare -	23.88	Educational Charity -	31.44	Health -	0.19	Covid -19 -	4.31	Total Expenditure (Rs.)	59.82
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Total Expenditure (Rs.)	59.82														
	ii	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest / wildlife norms/ conditions. The company shall have defined	Complied with. Company has the Corporate Environment Policy duly approved by the Board of Directors. Copy has been submitted to the MoEF&CC.  Copy enclosed as Annexure-14.												

**ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT**  
**(Period Oct 2021 to March 2022)**


**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**

		system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms / conditions and shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.																																	
	iii	A separate Environmental Cell both at the project and company head quarter level with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Complied Unit has separate Env. Dept. under the control of unit head.																																
	iv	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>Complying with. EMP expenditure details are as below for 2021-22.</p> <table border="1"> <thead> <tr> <th>S. No.</th><th>Description of Item</th><th>Capital Cost (Rs. In Lac)</th><th>Recurring cost (Rs. in Lacs)</th></tr> </thead> <tbody> <tr> <td>1</td><td>Air Pollution Control Equipment (APC) in the form of Bag filters and Stack</td><td>1610.83</td><td>7.99</td></tr> <tr> <td>2</td><td>Water Pollution Control</td><td>242.47</td><td>0.09</td></tr> <tr> <td>4</td><td>Environmental Monitoring and Management</td><td>14.77</td><td>1.98</td></tr> <tr> <td>5</td><td>Occupational Health</td><td>0.25</td><td>.60</td></tr> <tr> <td>6</td><td>Greenbelt / Plantation</td><td>7.7</td><td>3.83</td></tr> <tr> <td>7</td><td>Others</td><td></td><td></td></tr> <tr> <td colspan="2"><b>Total</b></td><td><b>1876.02</b></td><td><b>14.49</b></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	7.99	2	Water Pollution Control	242.47	0.09	4	Environmental Monitoring and Management	14.77	1.98	5	Occupational Health	0.25	.60	6	Greenbelt / Plantation	7.7	3.83	7	Others			<b>Total</b>		<b>1876.02</b>	<b>14.49</b>
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<b>Total</b>		<b>1876.02</b>	<b>14.49</b>																																
	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 will be done.																																
	vi	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.	<p>Complied with. Compliance status is give as below:</p> <ol style="list-style-type: none"> <li>1. PM emission level of cement mill bag house is &lt;30 mg/Nm<sup>3</sup></li> <li>2. All raw materials are stored in closed storage silos and shed.</li> <li>3. All movement area is cemented</li> <li>4. Daily cleaning is done by vacuum sweeping machine.</li> <li>5. All unloading hoppers are covered and provided with bag dust collectors.</li> <li>6. Bag dust collectors have been provided at all material transfer points.</li> <li>7. All conveyor belts are covered.</li> </ol>																																
<b>X</b>	<b>Miscellaneous</b>																																		
	i	Directions/ suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.	<p>Complied with.</p> <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</li> </ul>																																



**ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT**  
**(Period Oct 2021 to March 2022)**

**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**

			<p>district.</p> <ul style="list-style-type: none"> <li>• 2211 numbers of saplings have been planted up to date with covering 1.849 ha area. -27% of plant area, and rest of 33% will be complied till coming monsoon</li> <li>• To control the fugitive emission, clinker transported through truck and covered with tarpaulin.</li> <li>• Medical camp will be organized in surrounding the villages, once Covid pandemic is over</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>
	ii	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's web site permanently.	<p>Complied with.</p> <p>Advertised in newspapers on 04.12.2018 in Amar Ujala and Dainik Jagaran.</p> <p>Copy has been submitted to the Ministry on 04.12.2018.</p>
	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.	<p>Complied with.</p> <p>Receipt has been submitted to the ministry on 04.12.2018.</p>
	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.	<p>Complying with.</p> <p>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></p>
	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.	<p>Complied with. Snapshot of digital display board in given below:-</p> 
	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.	<p>Complying with.</p>
	vii	The project proponent shall submit the environmental statement for each financial	<p>Environment Statement submitted on 24.09.2021.</p>

**ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT**  
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**EC Letter No. 532/Parya/SEAC/4214/2018, dated 27<sup>th</sup> November, 2018**

		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.	
	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/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
	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	Noted.



**ENVIRONMENT CLEARANCE CONDITIONS COMPLIANCE REPORT**  
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		Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	
	xviii	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.



# कार्यालय प्रभागीय निदेशक, सामाजिक वानिकी प्रभाग, अलीगढ़।

पत्रांक 2896/14-10, अलीगढ़: दिनांक: फरवरी, 27, 2019

सेवा में,

यूनिट हेड,  
जे०के० सीमेंट वर्क्स,  
कासिमपुर रोड, ग्राम-साथा,  
परगना-मोरधल, 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- साथा, तहसील-कोल, जनपद-अलीगढ़ में वनभूमि होने/न होने के सम्बन्ध में।

संदर्भ:-

आपका पत्रांक JK/Aligarh/EC/DFO/2018-19/F06/001 dated 21.01.2019

उपरोक्त संदर्भित पत्र द्वारा याचित ग्राम-साथा, 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 जांचोपरान्त क्षेत्रीय वन अधिकारी, अलीगढ़ रेंज ने अपने पत्र सं० 198/35-1 दि० 22.02.2019 द्वारा अवगत कराया गया है कि ग्राम साथा के अन्तर्गत उक्त खसरा संख्या जिसका कुल क्षेत्रफल 6.87 हे० है, वनभूमि नहीं है।

(एस०डी० त्रिपाठी)

प्रभागीय निदेशक,

सामाजिक वानिकी प्रभाग, अलीगढ़।

पत्रांक /14-1 समदिनांकित

प्रतिलिपि- क्षेत्रीय वन अधिकारी, अलीगढ़ रेंज को उनके पत्र सं० 198/35-1 दि० 22.02.2019 के क्रम में सूचनार्थ 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-Guide-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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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**

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

Dated:- 20/08/2018

**Copy To -**

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

**BRIJ BIHARI  
AWASTHI**

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Date: 2018.08.20 17:28:04  
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**(Dr. Mohd. Sikandar)**  
**Chief Environment Officer**  
**Circle-4**





## U.P. Pollution Control Board

## CONSENT ORDER

Ref No. -  
72125/UPPCB/Aligarh(UPPCBRO)/CTO/water/A  
LIGARH/2019

Dated : 15/01/2020

To,

Shri YADUPATI SINGHANIA  
M/s JK CEMENT LIMITED  
ALIGARH - KASIMPUR ROAD, VILLAGE - SATHIA, PARGANA - MORTHAL, TESHIL -  
KOIL, DISTRICT - ALIGARH, UP, ALIGARH, 202127  
ALIGARH

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974  
(as amended) for discharge of effluent to M/s. JK CEMENT LIMITED

Reference Application No :6420409

Dated :15/01/2020

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act, 1974 as amended (here in after referred as the act ) M/s. JK CEMENT LIMITED is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in refrence to their foresaid application .
  2. This consent is valid for the period from 15/11/2019 to 31/12/2023 .
  3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Previntion and Controt of Pollution) Act, 1974 as amended .
- This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

Ram Kumar  
Singh  
Chief Environment Officer,  
Circle-4

Enclosed : As above  
(condition of consent):

Copy to: Regional Officer, U.P. Pollution Control Board, Aligarh.

Ram Kumar  
Singh  
Chief Environment Officer,  
Circle-4

## U.P. Pollution Control Board

Dated : 15/01/2020

## CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Cement- 5836 Ton/Day..
2. This consent 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.
- 3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.
- 3(b) Air Pollution Source Details.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height
1	Cement Mill	NA	1	Particulate Matter	45.0 Meter
2	D.G. Set-1250.0 KVA	Diesel	3	Sulphur Dioxide	As per norms.
3	D.G. Set-125.0 KVA	Diesel	4	Sulphur Dioxide	As per norms.
4	Fly ash silo and Truck Tippler and Packing Plant	NA	2	Particulate Matter	Bag filters with stack as per norms.

- 3(c) The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1	1	Particulate Matter	As per norms.
2	2	Particulate Matter	As per norms.
3	3	Sulphur Dioxide	As per norms.
4	4	Sulphur Dioxide	As per norms.

4. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
5. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
6. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
7. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
8. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
9. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

## Specific Conditions:





## U.P. Pollution Control Board

## CONSENT ORDER

Ref No. -  
72125/UPPCB/Aligarh(UPPCBRO)/CTO/water/A  
LIGARH/2019

Dated : 15/01/2020

To ,

Shri YADUPATI SINGHANIA  
M/s JK CEMENT LIMITED  
ALIGARH - KASIMPUR ROAD, VILLAGE - SATIHA, PARGANA - MORTHAL, TESHIL -  
KOIL, DISTRICT - ALIGARH, UP, ALIGARH, 202127  
ALIGARH

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974  
(as amended) for discharge of effluent to M/s. JK CEMENT LIMITED

Reference Application No :6420409

Dated :15/01/2020

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act, 1974 as amended (here in after referred as the act ) M/s. JK CEMENT LIMITED is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in refrence to their foresaid application .
2. This consent is valid for the period from 15/11/2019 to 31/12/2023 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Previntion and Controt of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

Ram Kumar  
Singh  
Chief Environment Officer,  
Circle-4

Enclosed : As above  
(condition of consent):

Copy to: Regional Officer, U.P. Pollution Control Board, Aligarh.

Ram Kumar  
Singh  
Chief Environment Officer,  
Circle-4

## U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.JK CEMENT LIMITED vide

Consent Order No. 6420409/ Water

Dated : 15/01/2020

## CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Cement- 5836 Ton/Day..
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge, KL/day	Treatment facility and discharge point
1	Domestic	Septic Tank & Soak Pit	Septic Tank

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4(a) The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

Domestic Effluent		
S.No	Parameter	Standard
1	Quantity of Discharge	10.0 KLD
2	Quantity of Discharge	174.0 KLD (Cooling)

- 4(b). The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

Industrial Effluent		
S.No	Parameter	Standard

5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act, 1986 or otherwise mandatory .
6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .
7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .

Specific Conditions:



1. Industry shall ensure 100 percent re circulation of cooling water and domestic waste will be discharge in Septic Tank/Soak Pit of appropriate capacity.
2. Industry shall submit the calibration certificate of water meter installed at bore wells at every 06 months.
3. Industry shall ensure the compliance of terms and conditions imposed in the NOC of Central Ground Water Authority.
4. Industry will develop and establish appropriate system for ground water recharging.
5. Industry shall strictly comply the terms and conditions of NOC and EC issued by U.P. Pollution Control Board and State Environment Impact Assessment Authority respectively.
6. Minimum 33% of land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office order no H 16405/220/2018/02 dated. 16-02-2018. The copy of this guidelines is available at URL [http://www.uppcb.com/pdf/Green-Belt\\_Guidle\\_160218.pdf](http://www.uppcb.com/pdf/Green-Belt_Guidle_160218.pdf).
7. Industry shall ensure Zero Liquid Discharge outside premise. Any kind of liquid waste shall not be discharged outside the premise.
8. Industry will comply the provision of C & D Rules, 2016.
9. Industry will comply the provision of Solid Waste Rules, 2016.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .

Ram Kumar

Singh

Chief Environment Officer,

Circle-4

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Kumar Singh  
Date: 2020.01.15 11:32:53  
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1. Industry shall maintain and operate APCs installed at different sources of pollution effectively to ensure the latest particulate matter applicable.
2. Industry shall replace time to time all the bag filters, which are found damaged to ensure the ambient air quality in the premise.
3. Industry shall ensure the compliance of conditions imposed in NOC and EC issued by U.P. Pollution Control Board and State Environment Impact Assessment Authority and submit the compliance report at every quarter.
4. Industry shall submit the ambient air quality monitoring report of the premise along with stack monitoring reports connected with different units in the premise.
5. Industry shall ensure the proper PPE to the workers engaged in manufacturing and packing plant.
6. Industry shall get the connectivity of the OCEMS with the server SPCB and CPCB.
7. Industry shall procure the mechanical road sweeper to sweep the cement dust from the roads.
8. Industry shall ensure natural appearance of green belt by sprinkling the water.
9. Minimum 33% of land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office order no H 16405/220/2018/02 dated. 16-02-2018. The copy of this guidelines is available at URL [http://www.uppcb.com/pdf/Green-Belt\\_Guidle\\_160218.pdf](http://www.uppcb.com/pdf/Green-Belt_Guidle_160218.pdf).
10. Industry shall procure and maintain continuous online monitoring system as per direction of SEIAA imposed in EC.
11. Industry shall submit the ambient air quality monitoring report, stack monitoring reports done by competent agency within 01 Month from start of production.
12. Industry will comply the provision of C & D Rules, 2016.
13. Industry will comply the provision of Solid Waste Rules, 2016.
14. Industry will ensure the transfer of Fly ash and clinker through covered conveyors.
15. Industry shall focus on the different un-assessed source of air pollution in bagging plant and accordingly make a pucca arrangement to control the cement dust generating from loading of trucks/railway wagons.
16. Industry shall ensure the provision of E.P. Act, 1986. State Board reserve the power of to add or alter any conditions as per requirement of the surrounding environment.
17. Industry shall implement the provision of C.S.R. for the development and uplifting the lifestyle of surrounding habitations such as School, Drinking Water, Health etc.
18. Industry shall ensure the pucca arrangement to mitigate accident/fire with collaboration with local administration.
19. Industry will managed the parking of the vehicles in such a way that general public do not get affected.
20. The parking area of goods carrier shall be made pucca to suppress the dust emission during movement.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .  
 Ram Kumar Singh  
 Chief Environment Officer,  
 Circle-4

Digitally signed by Ram Kumar Singh  
 Date: 2020.01.15 11:36:31  
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# UTTAR PRADESH POLLUTION CONTROL BOARD

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

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  
Digitally signed by Ram Kumar Singh  
Date: 2020.06.14  
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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 .

Digitally signed by  
Ram Kumar Singh  
Date: 2020.06.14  
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CEO/EE, I/C Circle





उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड  
UTTAR PRADESH POLLUTION CONTROL BOARD

संदर्भ संख्या: 150793 सी-4/हैजाईस/ / 2019

दिनांक 8-7-2020

सेवा में  
मै० जे०के० सीमेंट वर्क,  
अलीगढ़-कादिमपुर रोड, ग्राम- सागा,  
परगना-मोरखल, 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 सफल ग्रहण करने का कष्ट करें, 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 अनुसंधान 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 जावेगा -

**Details of Authorisation**

S. No.	Category of Hazardous waste as per Schedule I, II and III of these rules	Authorized 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 कयावत लागू रहेंगी।

संलग्नक: उपरोक्तानुसार।

भवदीय

(आरुको सिंह)

मुख्य पर्यावरण अधिकारी, वृत्त-4

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

मुख्य पर्यावरण अधिकारी, वृत्त-4

टी.सी. - 12 Y, विहल खान,  
गोमती नगर, लखनऊ-226010  
फ़ोन : 0522-2720831, 2720691, 2720691  
फैक्स-0522-2720764  
ई-मेल-[info@uppcb.com](mailto:info@uppcb.com)  
वेबसाइट-[www.uppcb.com](http://www.uppcb.com)

T.C. - 12 Y, Vibhull 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)





Plot No. 1/32, South Side 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/1236-13/04/2022

DATE OF REPORT: 27.04.2022

### 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Monitoring : 22.04.2022 To 22.04.2022 8 HOURS, TWA

Time Of Monitoring : 11:10 AM To 07:10 PM

Sample ID No : 1236-13

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: 40.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Fugitive Emission	µg/m <sup>3</sup>	1825.0	2000 As per CPCB	IS: 5182 (Part-4)

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



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Page 1 of 1

For Enviro-Tech Services

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-04, 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/1236-12/04/2022

DATE OF REPORT: 27.04.2022

### 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Monitoring : 22.04.2022 To 22.04.2022 8 HOURS, TWA

Time Of Monitoring : 11:05 AM To 07:05 PM

Sample ID No : 1236-12

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: 40.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Fugitive Emission	µg/m <sup>3</sup>	1875.0	2000 As per CPCB	IS: 5182 (Part-4)

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



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For Enviro-Tech Services

Md Humraj  
Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1236-14/04/2022

DATE OF REPORT: 27.04.2022

### 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Monitoring : 22.04.2022 To 22.04.2022 8 HOURS, TWA

Time Of Monitoring : 11:15 AM To 07:15 PM

Sample ID No : 1236-14

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: 40.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Fugitive Emission	µg/m <sup>3</sup>	1742.0	2000 As per CPCB	IS: 5182 (Part-4)

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



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For Enviro-Tech

Md Humraj  
Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1236-11/04/2022

DATE OF REPORT: 27.04.2022

### 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Monitoring : 22.04.2022 To 22.04.2022 8 HOURS, TWA

Time Of Monitoring : 11:00 AM To 07:00 PM

Sample ID No : 1236-11

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: 40.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Fugitive Emission	µg/m <sup>3</sup>	1710.0	2000 As per CPCB	IS: 5182 (Part-4)

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



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For Enviro-Tech Services

Md Humraj  
Quality Manager

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**J.K. Cement Works, Aligarh**  
**Fugitive Emission Monitoring Report**  
**Oct '2021 - March '2022**

S.No.	Month/Year	SPM (mg/m <sup>3</sup> )			
		NEAR UNLOADING AREA	NEAR CEMENT MILL	NEAR FLYASH SILO	NEAR PACKING AREA
1	Oct-21	1.25	1.63	1.41	0.96
2	Nov-21	1.22	1.50	1.41	0.93
3	Dec-21	1.23	1.71	1.40	0.91
1	Jan-22	1.25	1.60	1.35	0.93
2	Feb-22	1.22	1.51	1.37	0.97
3	Mar-22	1.23	1.67	1.38	0.94

Monitored by 

Checked by 





# ENVIRO-TECH SERVICES

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(A GOVERNMENT APPROVED LAB)

(An ISO 9001:2015, 14001:2015 and 45001-2018 Certified Company)

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



TC-8771

## TEST REPORT

TEST REPORT NO.: ETS/1236-7/04/2022

URLNO.TC877122000012367F

DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Monitoring : 22.04.2022 To 23.04.2022

Time Of Monitoring : 10:30 AM To 10:30 AM

Sample ID No : 1236-7

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 : CLEAR Ambient Temperature: 40.0 °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>	51.9	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	30.4	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	18.6	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	25.8	For 24 Hrs.=80	IS: 5182 (Part-6)

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



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Page 1 of 1

For Enviro-Tech Services

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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

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TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-8/04/2022

URLNO.TC877122000012368F

DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Monitoring : 22.04.2022 To 23.04.2022

Time Of Monitoring : 10:25 AM To 10:25 AM

Sample ID No : 1236-8

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 : CLEAR Ambient Temperature: 40.0 °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>	55.7	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	33.3	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	16.4	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	28.9	For 24 Hrs.=80	IS: 5182 (Part-6)

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



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Page 1 of 1

For Enviro-Tech Services

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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

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TC-8771

## TEST REPORT

TEST REPORT NO.: ETS/1236-9/04/2022

URLNO.TC877122000012369F

DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Monitoring : 22.04.2022 To 23.04.2022

Time Of Monitoring : 10:15 AM To 10:15 AM

Sample ID No : 1236-9

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 : CLEAR Ambient Temperature: 40.0 °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>	50.9	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	32.6	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	16.2	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\*\*\*\*\*



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Page 1 of 1

For Enviro-Tech Services

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-10/04/2022 URLNO.TC877122000123610F DATE OF REPORT: 27.04.2022

### 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Monitoring : 22.04.2022 To 23.04.2022

Time Of Monitoring : 10:10 AM To 10:10 AM

Sample ID No : 1236-10

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 : CLEAR Ambient Temperature: 40.0 °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>	55.3	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	31.6	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	14.9	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	25.1	For 24 Hrs.=80	IS: 5182 (Part-6)

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



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For Enviro-Tech Services

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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

#### Note:-

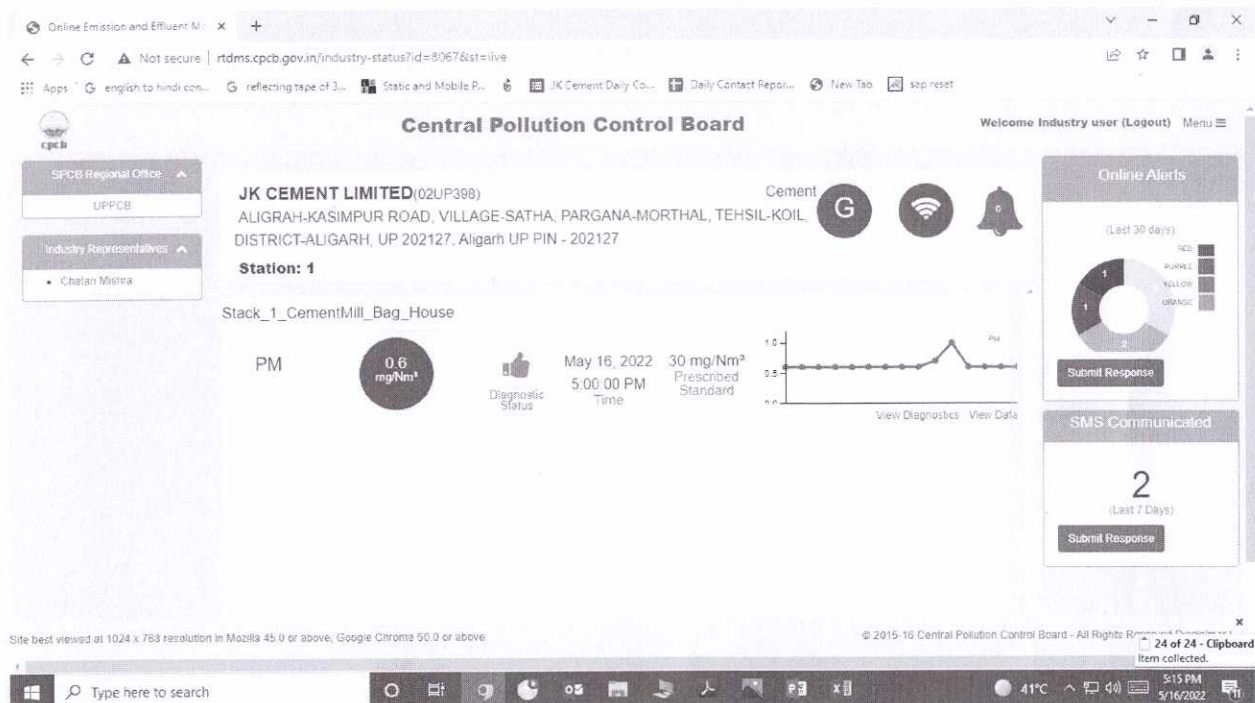
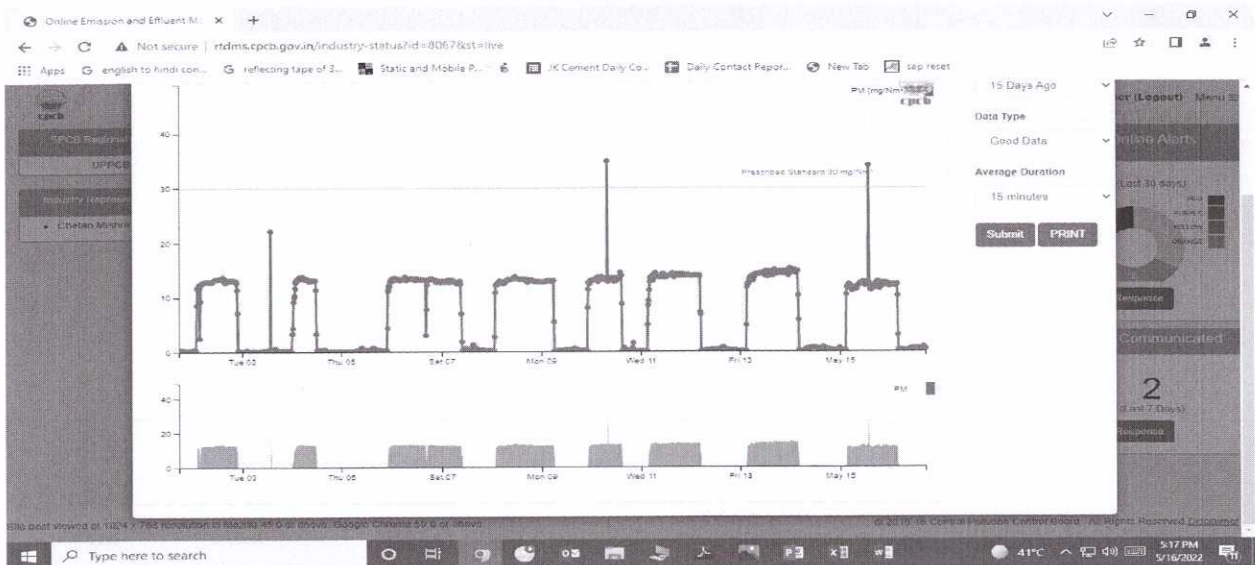
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**J K Cement Works, Aligarh Unit**  
**AMBIENT AIR QUALITY AVERAGE SPM RESULTS**  
 ALL VALUES IN MICROGRAMS / CUBIC METER  
**Half Yearly Report (Oct 21-March 22)**

S.No.	LOCATION	Month	PM10	PM2.5	SO2	NOx
1	PLANT BOUNDARY TOWARDS EAST DIRECTION	21-Oct	52.36	30.03	12.15	21.31
2		21-Nov	51.44	32.42	20.71	28.77
3		21-Dec	51.80	34.05	14.45	23.16
4		22-Jan	56.63	29.50	12.15	21.31
5		22-Feb	56.80	36.80	14.20	22.40
6		22-Mar	53.88	35.37	14.90	23.26
	<b>Average</b>		<b>53.82</b>	<b>33.03</b>	<b>14.76</b>	<b>23.37</b>
1	PLANT BOUNDARY TOWARDS WEST DIRECTION (PROJECT OFFICE)	21-Oct	55.01	35.49	12.16	26.06
2		21-Nov	59.38	37.42	15.81	26.36
3		21-Dec	54.76	36.53	15.13	29.85
4		1-Jan	55.05	37.89	12.32	28.40
5		2-Feb	56.05	36.83	13.85	27.67
6		3-Mar	53.71	36.30	15.13	29.85
	<b>Average</b>		<b>55.66</b>	<b>36.74</b>	<b>14.07</b>	<b>28.03</b>
1	PLANT BOUNDARY TOWARDS NORTH DIRECTION	21-Oct	51.77	36.13	11.95	26.24
2		21-Nov	57.99	37.21	16.27	22.58
3		21-Dec	52.66	37.27	17.35	29.53
4		1-Jan	51.78	36.13	11.95	26.24
5		2-Feb	56.06	34.47	13.44	22.77
6		3-Mar	54.80	36.09	17.35	29.53
	<b>Average</b>		<b>54.18</b>	<b>36.22</b>	<b>14.72</b>	<b>26.15</b>
1	PLANT BOUNDARY TOWARDS SOUTH DIRECTION (NEAR CCR BUILDING)	21-Oct	48.53	36.67	11.95	26.24
2		21-Nov	56.54	35.87	18.19	26.80
3		21-Dec	54.43	35.94	17.23	29.36
4		1-Jan	53.94	34.52	11.65	25.52
5		2-Feb	53.36	35.75	14.76	26.98
6		3-Mar	56.56	35.94	17.23	29.36
	<b>Average</b>		<b>53.89</b>	<b>35.78</b>	<b>15.17</b>	<b>27.37</b>









# ENVIRO-TECH SERVICES

An Analytical Laboratory

(A GOVERNMENT APPROVED LAB)

(An ISO 9001:2015, 14001:2015 and 45001-2018 Certified Company)

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

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



TC-8771

## TEST REPORT

TEST REPORT NO.: ETS/1236-31/04/2022 URLNO.TC877122000123631F DATE OF REPORT: 27.04.2022

### 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 : 22.04.2022  
Analysis Start Date : 23.04.2022  
Analysis End Date : 27.04.2022  
Duration Of Sampling : 30.0 MIN  
Sample ID No. : 1236-31  
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 : 40.0 °C  
Flue Gas Temperature : 78.0 °C  
Velocity Of Flue Gases : 6.5 MTR./SEC.  
Quantity Of Emission Discharged : 102307.98 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>	14.0	30	IS-11255 (Part-1)

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

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PUSHKAR MITTAL

Page 1 of 1

For Enviro-Tech Services

Md Humraj  
Quality Manager  
AUTHORIZED SIGNATORY

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

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TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-25/04/2022 URLNO.TC877122000123625F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Duration Of Sampling : 30.0 MIN

Sample ID No. : 1236-25

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 : 40.0 °C

Flue Gas Temperature : 35.0 °C

Velocity Of Flue Gases : 5.1 MTR./SEC.

Quantity Of Emission Discharged : 17439.24 M<sup>3</sup>/Hr

S. No.	Test Parameter	Unit	Result	Test Method
1	Particulate Matters,(PM)	mg/Nm <sup>3</sup>	7.5	IS-11255 (Part-1)

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

For Enviro-Tech Services

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Page 1 of 1

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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

**Summary Report of PM Stack Emission Monitoring (mg/Nm<sup>3</sup>) of Oct 21 to March 22**

Sr.No.	Location							YTD		
		Oct/21	Nov/21	Dec/21	Jan/22	Feb/22	Mar/22	Min	Max	Average
1	CEMENT MILL	15.6	16.0	13.8	13.8	13.1	14.2	13.1	16.0	14.4



A handwritten signature in blue ink, consisting of stylized letters, located to the right of the stamp.

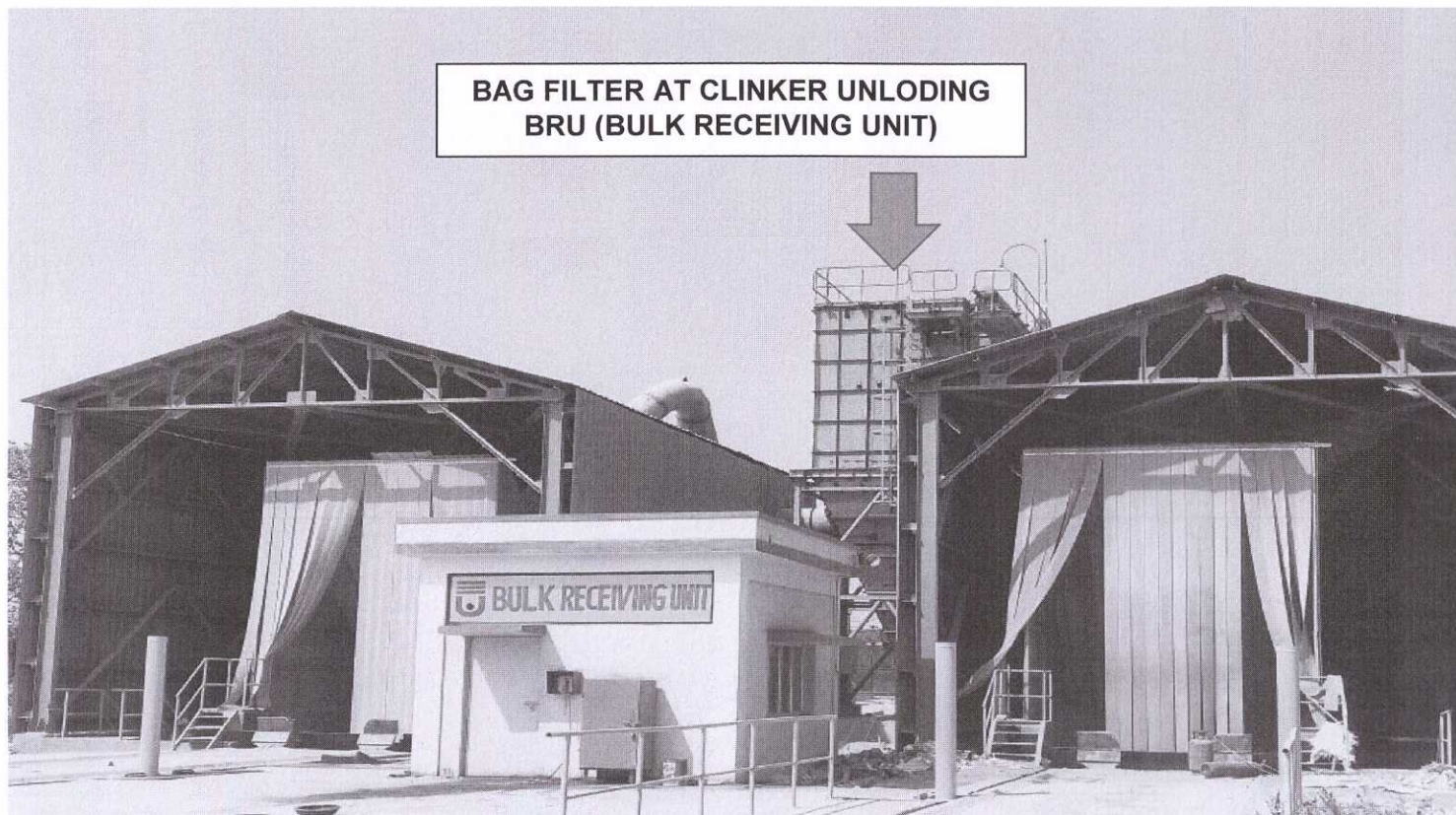


**M/s JK Cement Works (Clinker Grinding Unit)**  
Village: Satha, Tehsil: Koil, District: Aligarh (U.P)

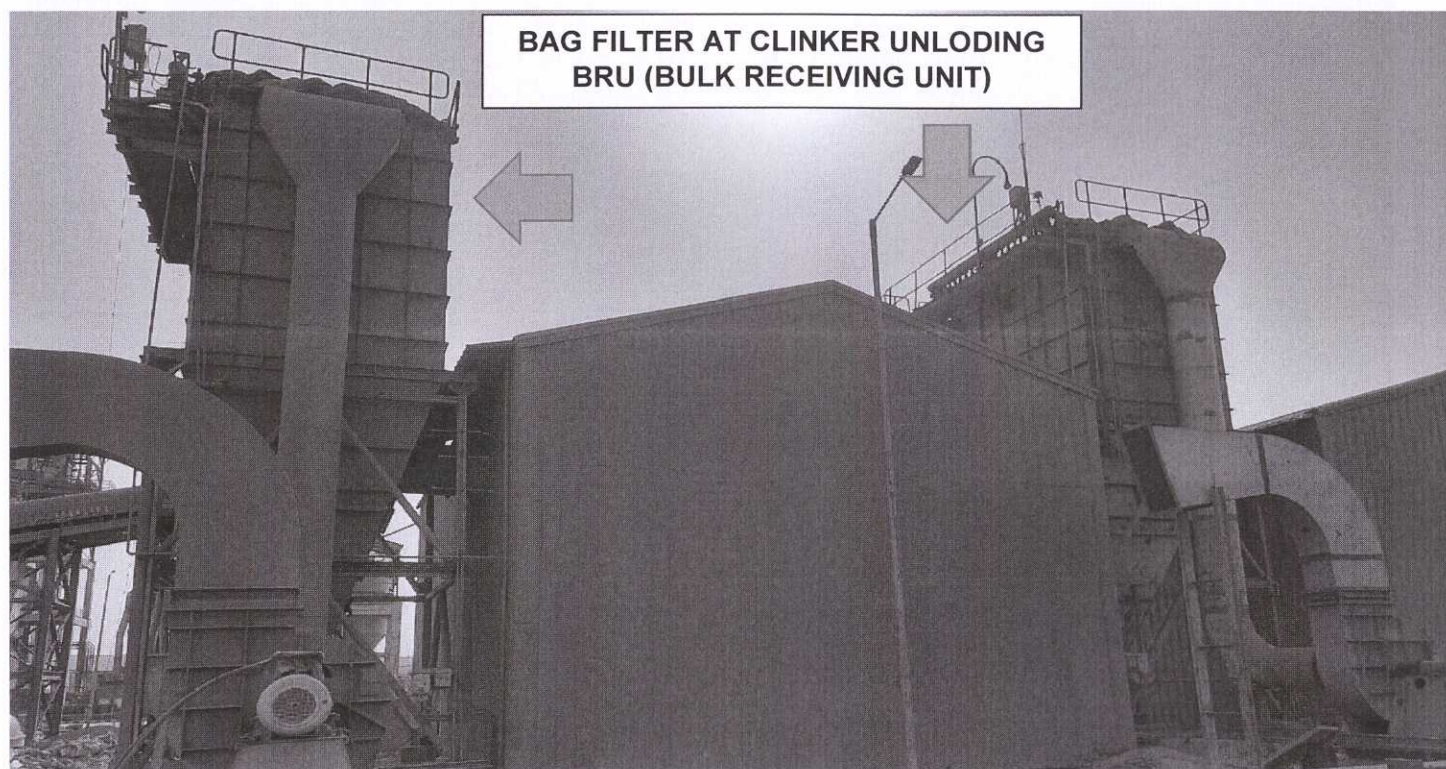
**BRU (Clinker truck unloading System)**

**Annexure-9**

**Front Side view-**



**Front Side view-**





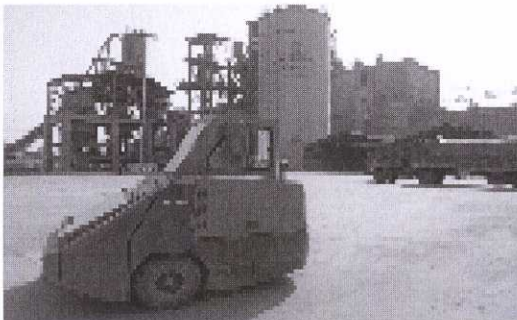
Silo, bag filter and cover belt Pics.



Closed bag house



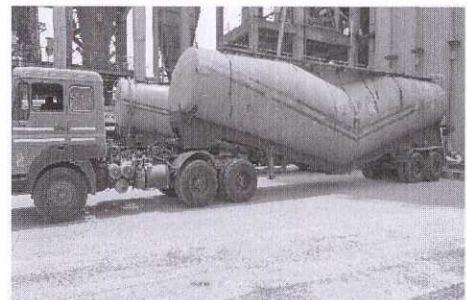
Road sweeping machine has been deployed for road cleaning.



Closed conveyor Belt



Fly ash is transported by closed bulkers







## TEST REPORT

TEST REPORT NO.: ETS/1236-32/04/2022

URLNO.TC877122000123632F

DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Analysis Start Date : 23.04.2022

Analysis End Date : 27.04.2022

Sample ID No : 1236-32

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	
PHYSICAL & CHEMICAL PARAMETERS;						
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	621.0	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	0.52	1	1.5	APHA 4500:(F-)-D
9	Chloride,(Cl)	mg/L	41.0	250	1000	APHA 4500:(Cl-)-B
10	Sulphate,(SO <sub>4</sub> )	mg/L	52.8	200	400	APHA 4500:(SO <sub>4</sub> )-E
11	Total Alkalinity,(CaCO <sub>3</sub> )	mg/L	121.0	200	600	APHA 2320-B
12	Total Hardness,(CaCO <sub>3</sub> )	mg/L	175.0	200	600	APHA 2340-C
13	Magnesium,(Mg)	mg/L	11.4	30	100	APHA 3500:(Mg)-B
14	Nitrate,(NO <sub>3</sub> )	mg/L	1.90	45	No Relaxation	APHA 4500⊗NO <sub>3</sub> -)-B
15	Conductivity	μs/cm	913.0	Not Specified	Not Specified	APHA 2510-B
16	Calcium,(Ca)	mg/L	51.0	75	200	APHA 3500:(Ca)-B



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Page 1 of 3

For Enviro-Tech Services

Md Humraj  
Quality Manager  
AUTHORIZED SIGNATORY

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## TEST REPORT

TEST REPORT NO.: ETS/1236-32/04/2022

DATE OF REPORT: 27.04.2022

### WATER SAMPLE ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012 )		Test Method
				Desirable	Permissible	
17	Anionic Detergent, (MBAS)	mg/L	<0.01	0.2	1	APHA 5540-C
18	Oil & Grease, (O & G )	mg/L	N.D	Not Specified	Not Specified	APHA 5520-D
<b>HEAVY METALS:-</b>						
19	Ammonia, (as Total NH <sub>3</sub> -N)	mg/L	<0.5	0.5	No Relaxation	APHA 4500:(NH <sub>3</sub> )-C
20	Barium, (Ba)	mg/L	<0.01	0.7	No Relaxation	APHA 3120B
21	Boron, (B)	mg/L	<0.01	0.5	2.4	APHA 4500:(B)
22	Chloramines (as Cl <sub>2</sub> )	mg/L	<1.0	4.0	No Relaxation	APHA 4500:(Cl)-G
23	Copper, (Cu)	mg/L	<0.01	0.05	1.5	APHA 3120B
24	Manganese, (Mn)	mg/L	<0.01	0.1	0.3	APHA-3120B
25	Phenolic Compound, (C <sub>6</sub> H <sub>5</sub> OH)	mg/L	<0.001	0.001	0.002	APHA 5530-C
26	Selenium, (as Se)	mg/L	<0.01	0.01	No Relaxation	APHA 3120B
27	Sulphide, (H <sub>2</sub> S)	mg/L	<0.05	0.05	No Relaxation	APHA 4500:(S <sub>2</sub> )-D
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 1994
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

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**PUSHKAR MITTAL**

Page 2 of 3

For Enviro-Tech Services

Md Humraj  
Quality Manager

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ISO 9001/14001/45001

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## TEST REPORT

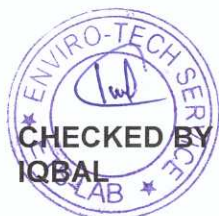
TEST REPORT NO.: ETS/1236-32/04/2022

DATE OF REPORT: 27.04.2022

### WATER SAMPLE ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012 )		Test Method
				Desirable	Permissible	
MICROBIOLOGICAL PARAMETER;						
37	Total Coliform	Per100mL	Absent	Shall Not Be Detectable		IS 15185
38	Escherichia coli	Per100mL	Absent	Shall Not Be Detectable		IS 15185

Remark:-N.D-Not Detectable.



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TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-33/04/2022

URLNO.TC877122000123633F

DATE OF REPORT: 27.04.2022

## 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** : 22.04.2022

**Analysis Start Date** : 23.04.2022

**Analysis End Date** : 27.04.2022

**Sample ID No** : 1236-33

**Sampling Done By** : ETS STAFF

**Sampling Description** : GROUND WATER

**Sampling Location** : BOREWELL NO-02

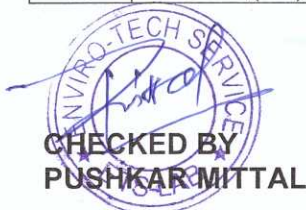
**Sampling Method** : ETS/STP/WATER-02

**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	
PHYSICAL & CHEMICAL PARAMETERS;						
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	548.8	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	0.78	1	1.5	APHA 4500:(F-)-D
9	Chloride,(Cl)	mg/L	42.0	250	1000	APHA 4500:(Cl- )-B
10	Sulphate,(SO <sub>4</sub> )	mg/L	28.0	200	400	APHA 4500:(SO <sub>4</sub> )-E
11	Total Alkalinity,(CaCO3)	mg/L	117.0	200	600	APHA 2320-B
12	Total Hardness,(CaCO <sub>3</sub> )	mg/L	188.0	200	600	APHA 2340-C
13	Magnesium,(Mg)	mg/L	19.9	30	100	APHA 3500:(Mg)-B
14	Nitrate,(NO <sub>3</sub> )	mg/L	1.81	45	No Relaxation	APHA 4500@NO <sub>3</sub> -)-B
15	Conductivity	µs/cm	807.0	Not Specified	Not Specified	APHA 2510-B
16	Calcium,(Ca)	mg/L	42.0	75	200	APHA 3500:(Ca)-B



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Page 1 of 3

For Enviro-Tech Services

Md Humraj  
Quality Manager  
AUTHORIZED SIGNATORY

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## TEST REPORT

TEST REPORT NO.: ETS/1236-33/04/2022

DATE OF REPORT: 27.04.2022

### WATER SAMPLE ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012 )		Test Method
				Desirable	Permissible	
17	Anionic Detergent, (MBAS)	mg/L	<0.01	0.2	1	APHA 5540-C
18	Oil & Grease, (O & G )	mg/L	N.D	Not Specified	Not Specified	APHA 5520-D
<b>HEAVY METALS:-</b>						
19	Ammonia, (as Total NH <sub>3</sub> -N)	mg/L	<0.5	0.5	No Relaxation	APHA 4500:(NH <sub>3</sub> )-C
20	Barium, (Ba)	mg/L	<0.01	0.7	No Relaxation	APHA 3120B
21	Boron, (B)	mg/L	<0.01	0.5	2.4	APHA 4500:(B)
22	Chloramines (as Cl <sub>2</sub> )	mg/L	<1.0	4.0	No Relaxation	APHA 4500:(Cl)-G
23	Copper, (Cu)	mg/L	<0.01	0.05	1.5	APHA 3120B
24	Manganese, (Mn)	mg/L	<0.01	0.1	0.3	APHA-3120B
25	Phenolic Compound, (C <sub>6</sub> H <sub>5</sub> OH)	mg/L	<0.001	0.001	0.002	APHA 5530-C
26	Selenium, (as Se)	mg/L	<0.01	0.01	No Relaxation	APHA 3120B
27	Sulphide, (H <sub>2</sub> S)	mg/L	<0.05	0.05	No Relaxation	APHA 4500:(S <sub>2</sub> )-D
28	Zinc, (Zn)	mg/L	<0.01	5	15	APHA-3120B
29	Cadmium, (Cd)	mg/L	<0.003	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 1994
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	0.16	1	No Relaxation	APHA-3120B

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Page 2 of 3

For Enviro-Tech Services

**Md Humraj**  
**Quality Manager**

**AUTHORIZED SIGNATORY**

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**M/s JK Cement Works (Clinker Grinding Unit)**  
Village: Satha, Tehsil: Koil, District: Aligarh (U.P)

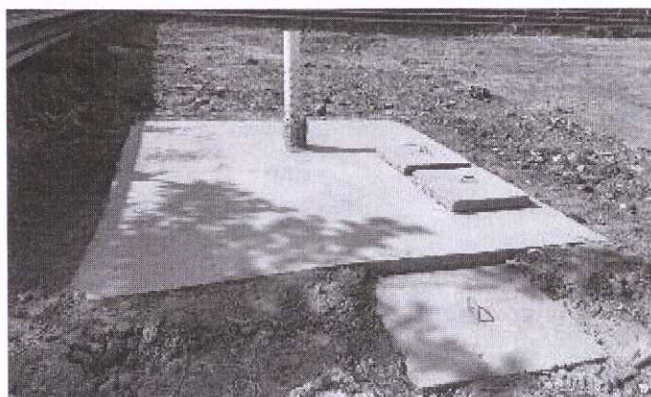
**Annexure- 12**

**Rain Water Harvesting Pit**

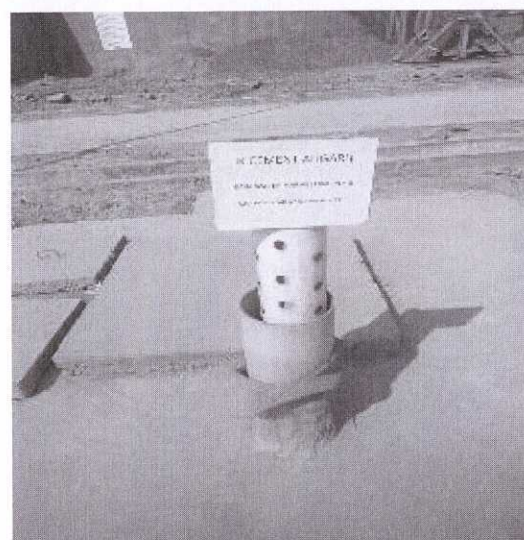
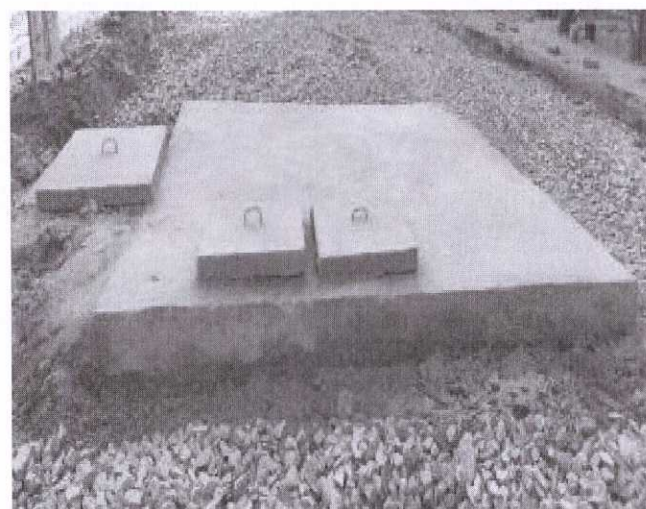
plant management has made three rainwater harvesting pits which has capacity of 31,831 m<sup>3</sup> per annum.



Rain Water  
Harvesting  
Pit No-1



Rain Water  
Harvesting  
Pit No-2



Rain Water  
Harvesting  
Pit No-3







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



TC-8771

## TEST REPORT

TEST REPORT NO.: ETS/1236-15/04/2022 URLNO.TC877122000123615F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Monitoring Start Date : 22.04.2022

Monitoring End Date : 23.04.2022

Duration Of Monitoring : 24 HOURS

Sample ID No : 1236-15

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)	69.2	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	57.6	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\*\*\*\*\*



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PUSHKAR MITTAL

Page 1 of 1

For Enviro-Tech Services

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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

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# ENVIRO-TECH SERVICES

An Analytical Laboratory

(A GOVERNMENT APPROVED LAB)

(An ISO 9001:2015, 14001:2015 and 45001:2018 Certified Company)

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

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



TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-16/04/2022 URLNO.TC877122000123616F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Monitoring Start Date : 22.04.2022

Monitoring End Date : 23.04.2022

Duration Of Monitoring : 24 HOURS

Sample ID No : 1236-16

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)	66.3	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	55.9	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

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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TC-8771

## TEST REPORT

TEST REPORT NO.: ETS/1236-17/04/2022 URLNO.TC877122000123617F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Monitoring Start Date : 22.04.2022

Monitoring End Date : 23.04.2022

Duration Of Monitoring : 24 HOURS

Sample ID No : 1236-17

Monitoring Done By : ETS STAFF

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

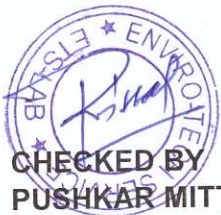
Sampling Method : ETS/STP/NOISE-01

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)	64.8	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

Md Humraj  
Quality Manager

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TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-18/04/2022 URLNO.TC877122000123618F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Monitoring Start Date : 22.04.2022

Monitoring End Date : 23.04.2022

Duration Of Monitoring : 24 HOURS

Sample ID No : 1236-18

Monitoring Done By : ETS STAFF

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

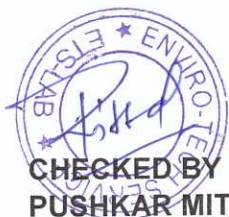
Sampling Method : ETS/STP/NOISE-01

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)	62.6	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	51.7	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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Page 1 of 1

For Enviro-Tech Services

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-19/04/2022 URLNO.TC877122000123619F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022  
Monitoring Start Date : 22.04.2022  
Monitoring End Date : 22.04.2022  
Duration Of Monitoring : 8 HOURS  
Sample ID No : 1236-19  
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)	81.5	90	IS: 9876

Remark: Day time as per factory shift time.

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



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For Enviro-Tech Services

Md Humraj  
Quality Manager

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TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-20/04/2022 URLNO.TC877122000123620F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Monitoring Start Date : 22.04.2022

Monitoring End Date : 22.04.2022

Duration Of Monitoring : 8 HOURS

Sample ID No : 1236-20

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)	78.7	90	IS: 9876

Remark: Day time as per factory shift time.

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



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For Enviro-Tech Services

Md Humraj  
Quality Manager

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## TEST REPORT

TEST REPORT NO.: ETS/1236-21/04/2022 URLNO.TC877122000123621F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022  
Monitoring Start Date : 22.04.2022  
Monitoring End Date : 22.04.2022  
Duration Of Monitoring : 8 HOURS  
Sample ID No : 1236-21  
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)	77.1	90	IS: 9876

Remark: Day time as per factory shift time.

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

Page 1 of 1



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PUSHKAR MITTAL

For Enviro-Tech Services

Md Humraj  
Quality Manager

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



TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-22/04/2022 URLNO.TC877122000123622F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022  
Monitoring Start Date : 22.04.2022  
Monitoring End Date : 22.04.2022  
Duration Of Monitoring : 8 HOURS  
Sample ID No : 1236-22  
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)	72.6	90	IS: 9876

Remark: Day time as per factory shift time.

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



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PUSHKAR MITTAL

Page 1 of 1

For Enviro-Tech

Md Humraj  
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## TEST REPORT

TEST REPORT NO.: ETS/1236-23/04/2022 URLNO.TC877122000123623F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Monitoring Start Date : 22.04.2022

Monitoring End Date : 22.04.2022

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

Sample ID No : 1236-23

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)	72.8	75	IS: 9876

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

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

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PUSHKAR MITTAL

Page 1 of 1

For Enviro-Tech Services

Md Humraj  
Quality Manager  
AUTHORIZED SIGNATORY

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TC-8771



## TEST REPORT

TEST REPORT NO.: ETS/1236-24/04/2022 URLNO.TC877122000123624F DATE OF REPORT: 27.04.2022

## 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 : 22.04.2022

Monitoring Start Date : 22.04.2022

Monitoring End Date : 22.04.2022

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

Sample ID No : 1236-24

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)	68.4	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

Page 1 of 1

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PUSHKAR MITTAL

Md Humraj  
Quality Manager

AUTHORIZED SIGNATORY

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**Village: Satham Tehsil: Koil, District: Aligarh (UP)**

NOISE LEVEL MONITORING RESULT							
Sr.No.	Month	Day / Night	PLANT BOUNDARY TOWARDS EAST DIRECTION	PLANT BOUNDARY TOWARDS WEST DIRECTION (PROJECT OFFICE)	PLANT BOUNDARY TOWARDS NORTH DIRECTION	PLANT BOUNDARY TOWARDS SOUTH DIRECTION (NEAR CCR BUILDING)	Remarks
1	Oct-21	Day	65.4	66.4	64.5	65	
2		Night	62.3	58.8	57	58.2	
3	Nov-21	Day	63.6	64.3	66	63	
4		Night	60.1	60.2	58	57	
5	Dec-21	Day	71.6	66.8	69.1	70.8	
6		Night	63.2	62.7	56.7	62.4	
7	Jan-22	Day	66.1	66.4	64.5	68.2	
8		Night	62.3	61.8	58.1	60.4	
9	Feb-22	Day	63.6	64.4	66.2	63.8	
10		Night	63.1	60.2	64.8	59.4	
11	Mar-22	Day	70.6	67.2	69.1	70.8	
12		Night	63.8	64.5	56.7	62.4	
AVERAGE		DAY	66.8	65.9	66.6	66.9	
		NIGHT	62.5	61.4	58.6	60.0	

Monitored By

Checked By





Phone : +91-512-2336624  
 Fax : +91-512-2332665  
 E-mail : shambhu.singh@jkcement.com  
 Website : www.jkcement.com

Registered & Corporate Office :  
 Kamia Tower, Kanpur-208 001 (U.P.) INDIA

CIN : L17229UP1994PLC017199  
 ISO 9001:2000 & ISO 14001 CERTIFIED COMPANY

## J K 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 equipments.
- 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.

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.

**K.N. Khandelwal**  
**Director and Occupier**



UNITS: J.K. Cement Works, Nimbahera  
 J.K. Cement Works, Mangrol  
 J.K. Cement Works, Gotan  
 J.K. Cement Works, Muddapur  
 J.K. Cement Works, Jharli

J.K. Cement Works, Aligarh  
 J.K. Cement Works, Balasinor  
 J.K. White Cement Works, Gotan  
 J.K. White, Kathi

