

JK Cement Works, Aligarh

A unit of JK Cement LTD.

(CIN: L17229UP1994PLC017199)

ISO 9001 & ISO 14001 CERTIFIED COMPANY

Web : www.jkcement.com

Aligarh – Kasimpur Road,
Village – Satha, Pargana – Morthal,
Tehsil Koil, District Aligarh - 202127

Ref. No.: AL/EMD/MoEF/F 01/001

Dated: 28.05.2020

To,
Regional Office
Ministry of Environment & Forest (Central Region)
Kendriya Bhawan, 5th Floor, Sector-H, Aliganj,
Lucknow (UP)
E-Mail: rocz.lko-mef@nic.in

Subject: Half yearly (Oct' 2019 - March' 2020) Environmental Clearance compliance Report of our Proposed Clinker Grinding Unit capacity 2.00 MMTPA at Village: Satha, Tehsil: Koil, District: Aligarh.

Ref. No. EC Letter No. 532/Parya/SEAC/4214/2018, Dated: 27th November, 2018.

Dear Sir,

Refer to the above subject & reference, we are enclosing herewith compliance report of Environment Clearance for Proposed Clinker Grinding Unit capacity 2.0 MMTPA of M/s JK Cement Works, Village: Satha, Tehsil: Koil, District: Aligarh. Please find enclosed herewith the copy of Half yearly (Oct' 2019 - March' 2020) Environmental Clearance Compliance Report with supporting annexures to fulfill the EC conditions. The Proposed Clinker Grinding Unit is under construction.

Environment Clearance Condition No. X. Miscellaneous 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.

Please find the above for your ready reference.

Thanking you,

Yours faithfully,
For JK Cement Works

For J.K. Cement Works, Aligarh
28.5.2020
Authorized Signatory

Unit Head

Encl.: Copy of Environmental Clearance compliance Report.
Copy to:

1. The Member Secretary, UP Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, **Lucknow** (UP).
E. mail: ms@uppcb.com
2. The Regional Officer, UP Pollution Control Board, J-1, Gyan Sarovar Colony, Ramghat Road **Aligarh** (UP)
E. mail: roaligarh@uppcb.com



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J.K. Cement Works, Nimbahera
J.K. Cement Works, Mangrol
J.K. Cement Works, Gotan
J.K. Cement Works, Jharli

J.K. Power, Bamania
J.K. Cement Works, Muddapur
J.K. White Cement Works, Gotan
J.K. White, Katni



Environmental Clearance Conditions Compliance Status Report

Environmental Clearance for Establishment of Clinker Grinding Unit of Capacity: 2.00 Million Ton per Annum (5836.0 TPD) at Village- Satha, Tehsil- Koil, District- Aligarh of **M/s JK Cement Works.**

EC Letter No. 532/Parya/SEAC/4214/2018, Dated: 27th November, 2018.

Updated: 27th May' 2020.

C. No.	S. No.	Details of Conditions	Conditions Compliance Status
I	Statutory compliance		
	i	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	<i>Not Applicable.</i>
	ii	The project proponent shall obtain clearance from the National Board for Wild life, if applicable	<i>Not Applicable</i>
	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).	<i>Not Applicable</i>
	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.	<i>Consent To Establish obtained from UPPCB vide letter No. 26748/UPPCB/Aligarh(UPPCBRO)/CTE/Aligarh/ 2018, dated 20.08.2018.</i>
	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.	<i>Water NOC obtained from CGWA, New Delhi vide NOC No.CGWA/NOC/IND/ORIG/2018/4589, dated 11.01.2019 & 26.04.2019.</i>
	vi	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	<i>HW authorization application submitted to UPPCB on dated 25.05.2020.</i>
II	Air quality monitoring and preservation		
	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 th August, 2014 (Cement) and subsequent amendment dated 9 th 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.	<i>JKCW have been installed Online Continuous Emission Monitoring System (CEMS) at Cement Mill stack to monitor stack emission with respect to standards prescribed by SPCB and CPCB and Connectivity of the OCEMS with the server UPPCB completed and sent request to CPCB to get connected.</i>
	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.	<i>Fugitive dust emission in will be monitored from recognized lab. after lockdown period.</i>
	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 ₁₀ and PM _{2.5} in reference to PM emission, SO ₂ and NO _x in reference to SO ₂ and NO _x emissions) within and	<i>Ambient Air Quality monitoring Report in Annexure-1.</i>

		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).	
	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.	<i>Regularly monitoring of Continuous stack emission and results of manual stack monitoring and manual monitoring of air quality Result. Please refer Annexure-1.</i>
	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.	<i>Copy submitted vide letter No. AL/EMD/MoEF/ 2019-20/F01/001, dated: 29.06.2019.</i>
	vi	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.	<i>JKCW have been provide leakage detection and mechanised bag cleaning facilities of Bag filters.</i>
	vii	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	<i>Agreed & Noted.</i>
	viii	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	<i>JKCW will be provide mobile vacuum cleaner to clean plant roads, shop floors and roofs regularly.</i>
	ix	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.	<i>JKCW have been provide covered transportation and conveying system for raw material & closed bulkers for carrying fly ash.</i>
	x	Provide wind shelter fence and chemicals spraying on the raw material stockpiles.	<i>All raw material in covered shed.</i>
	xi	Have separate truck parking area and monitor vehicular emissions at regular interval.	<i>JKCW have separate truck parking area and vehicle entry only valid PUC in the plant.</i>
	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.	<i>JKCW have covered conveyor belts for transportation of the raw materials and end products.</i>
	xiii	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, Cement bagging plants.	<i>Agreed & Noted.</i>
III	Water quality monitoring and preservation:		
	i	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 th August, 2014 (Cement) and sub subsequent amendment dated 9 th 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. (Case to case basis small plants: Manual; Large plants: Continuous).	<i>Not Applicable</i>
	ii	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.	<i>Ground water quality regularly (pre monsoon) & piezometer (01 No.) for digital ground water level at the plant in Annexure-2.</i>

	iii	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&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	<i>Not Applicable.</i>
	iv	Adhere to Zero Liquid Discharge	<i>JKCW are maintaining Zero Liquid Discharge.</i>
	v	Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.	<i>Not Applicable (Domestic Waste Water will be generate only < 4 KLD & treated in Soak Pit Via Septic Tank).</i>
	vi	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.	<i>Garland drains and collection pits work under progress to arrest the surface runoff.</i>
	vii	The project proponent shall practice rain water harvesting to maximum possible extent.	<i>JKCW are providing roof top rain water harvesting system to recharge the ground water Level and avoid surface runoff work in progress.</i>
	viii	Water meters shall be provided at the inlet to all unit processes in the cement plant.	<i>JKCW provided water meters at the inlet of all process unit in the Cement Plant.</i>
	ix	The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.	<i>Agreed & Noted.</i>
IV	Noise monitoring and prevention		
	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.	<i>JKCW are monitoring noise level monitored report as Annexure-3.</i>
	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.	<i>Agreed & Noted.</i>
V	Energy Conservation measures		
	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.	<i>JKCW exploring the feasibility of roof top solar power generation.</i>
	ii	Provide the project proponent for LED lights in their offices and residential areas.	<i>JKCW provided LED lights in the offices.</i>
	iii	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	<i>JKCW are using max. fly ash & sweetener as per BIS norms.</i>
VI	Waste management		
	i.	The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Trans boundary Movement) Rules, 2016.	<i>Apply for HW Authorization from UPPCB.</i>
	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).	<i>JKCW will be explore for best practice for the same.</i>
VII	Green Belt		
	i.	Green belts shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guide lines. The green belt shall inter alia	<i>JKCL have planted 520 trees till date. 700 tree will be planted in the month of June-2020.</i>

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		cover the entire periphery of the plant	
	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.	<i>JKCW will be prepare GHG emissions inventory for the plant and submit report for reduction of the carbon sequestration including plantation.</i>
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.	<i>Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan are under progress.</i>
	ii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	<i>JKCW are providing Personal Protective Equipment (PPE's) to Staff & Workmen as per the norms of Factory Act.</i>
	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.	<i>Agreed & Noted</i>
	iv	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<i>Pre-employment and periodical medical examination with records for all the workers are doing on regular basis as per Factories Act & Rules.</i>
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 st May 2018, as applicable, regarding Corporate Environment Responsibility.	<i>JKCW already submitted the copy of CER proposed budget with list of activities vide letter No. AL/EMD/MoEF/ 2019-20/F01/001, dated: 29.06.2019.</i>
	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 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.	<i>JKCW already submitted the copy vide letter No. AL/EMD/MoEF/ 2019-20/F01/001, dated: 29.06.2019.</i>
	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.	<i>JKCW is having separate Environmental Cell both at the project and company head quarter level with qualified personnel under the control of senior Executive of the organization.</i>
	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	<i>JKCW will be prepare action plan for implementing EMP and environmental conditions along with responsibility matrix of the company and funds earmarked for</i>

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		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.	protection measures and kept in separate account approved by competent authority after plant operation.
	v	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Agreed & Noted
	vi	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.	Agreed & Noted
X	Miscellaneous		
	i	Directions/ suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.	Agreed & Noted
	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.	JKCW already submitted the copy vide letter No. AL/EMD/MoEF/2019-20/F01/001, dated: 29.06.2019. Please refer the same.
	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.	JKCW already submitted the copy vide letter No. AL/EMD/MoEF/18-19/F01/006, dated: 04.12.2018. Please refer the same.
	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.	JKCW uploaded the status of compliance of environment clearance conditions including results of monitored data on their website and updating the same.
	v	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (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.	JKCW will be Monitor & displayed the same digital display (Digital Display Board ready to dispatch.). Delay due to Covid-19.
	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.	Noted & Agreed.
	vii	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the web site of the company.	Noted & Agreed.
	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.	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. We have start the production operation from 03.02.2020.
	ix	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board	Noted & Agreed.

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		and the State Government.	
	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.	<i>Noted & Agreed.</i>
	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).	<i>Noted & Agreed.</i>
	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.	<i>Noted & Agreed.</i>
	xiii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<i>Noted & Agreed.</i>
	xiv	The Ministry reserves the right to stipulate additional conditions if found necessary.	<i>Noted & Agreed.</i>
	xv	The Company in a time bound manner shall implement these conditions.	<i>Noted & Agreed.</i>
	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.	<i>Noted & Agreed.</i>
	xvii	The above conditions shall be forced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	<i>Noted & Agreed.</i>
	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.	<i>JKCW not received any appeal against this Environment Clearance within stipulated time.</i>

Yours faithfully,

For JK Cement Works,

For J.K. Cement Works, Varanasi

(Praveen Kumar)

Unit Head

JK Cement Works,
Village: Satha, Tehsil: Koil, District: Aligarh (UP)
Ambient Air Quality & Stack Manual Monitoring Results

(Monitoring of Month Feb'2020 & March'2020)

Annexure-1

Ambient Air Quality Manual Monitoring Results

S. No.	Date of Monitoring	Sampling Location	PM10 (µg/m ³)	PM2.5 (µg/m ³)	SO ₂ (µg/m ³)	NOx (µg/m ³)	CO (mg/m ³)
<u>Feb' 2020</u>							
1.	07.02.2020	Satha Village	83.5	48.1	18.2	26.6	< 0.264
2.	06.02.2020	Plant Site JKCW Project Office	68.4	36.6	16.2	24.2	< 0.220
3.	06.02.2020	Plant Site HAPPCO Office	63.6	36.5	16.7	20.4	< 0.264
4.	05.02.2020	Plant Site Weigh Bridge	69.0	32.4	18.3	21.5	< 0.194
<u>March' 2020</u>							
1.	10.03.2020	Satha Village	69.5	48.5	16.1	18.0	< 0.250
2.	11.03.2020	Parking Yard (Plant Opposite)	66.0	40.2	18.6	20.2	< 0.231
3.	11.03.2020	Near Satha Sugar Mill	72.1	43.7	15.4	19.6	< 0.199
4.	11.03.2020	Plant Site Weigh Bridge	68.9	38.4	17.3	21.2	< 0.184
NAAQ Standard			100	60	80	80	2.0

Source: JKCW, Environment Laboratory, Nimbahera (Raj.)

Cement Mill Stack Emission Manual Monitoring Results

(Monitoring of Month Feb'2020 & March'2020)

S. No.	Date	PM Value (mg/Nm ³)
<u>Feb' 2020</u>		
1.	26.02.2020	12.8
2.	27.02.2020	15.2
3.	28.02.2020	14.6
<u>March' 2020</u>		
1.	08.03.2020	15.6
2.	13.03.2020	16.2
3.	19.03.2020	18.4
4.	22.03.2020	Plant Stop due to Lockdown (Covid-19)
PM Emission Standard		30.0

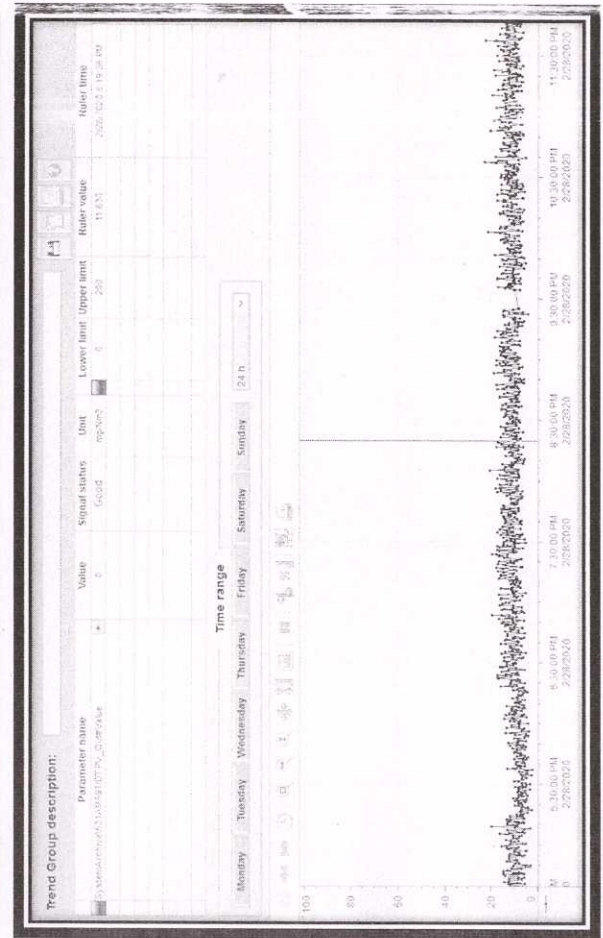
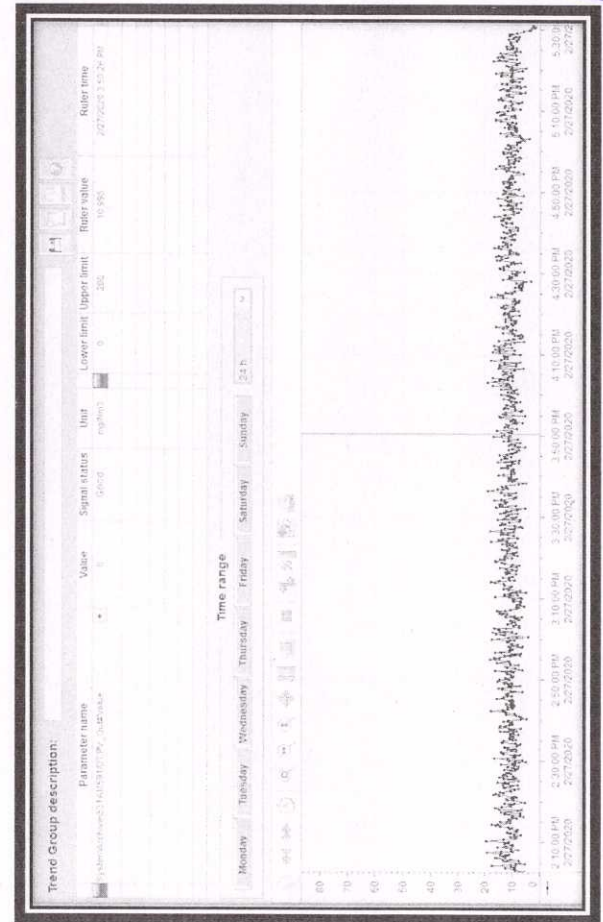
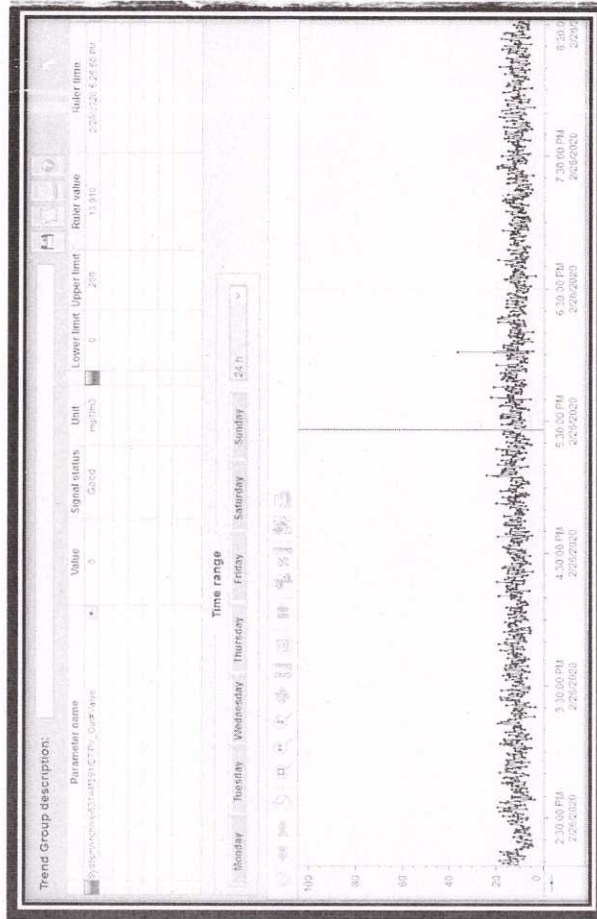
Source: JKCW, Environment Laboratory, Nimbahera (Raj.)

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

Cement Mill Stack Emission Online (CEMS) (PM) Results

Annexure-1

Date	Mill Status	Average Value mg/NM3
26.02.2020	Running	12.8
27.02.2020	Running	15.2
28.02.2020	Running	14.6
08.03.2020	Running	12.7
13.03.2020	Running	14.7
19.03.2020	Running	15.1



M/s JK Cement Works (Clinker Grinding Unit)
Village: Satha, Block: Jawan Sikanderpur, District: Aligarh (UP)

Ground Water Quality & Level Report
Pre-Monsoon (10th to 18th March' 2020)

Annexure-2

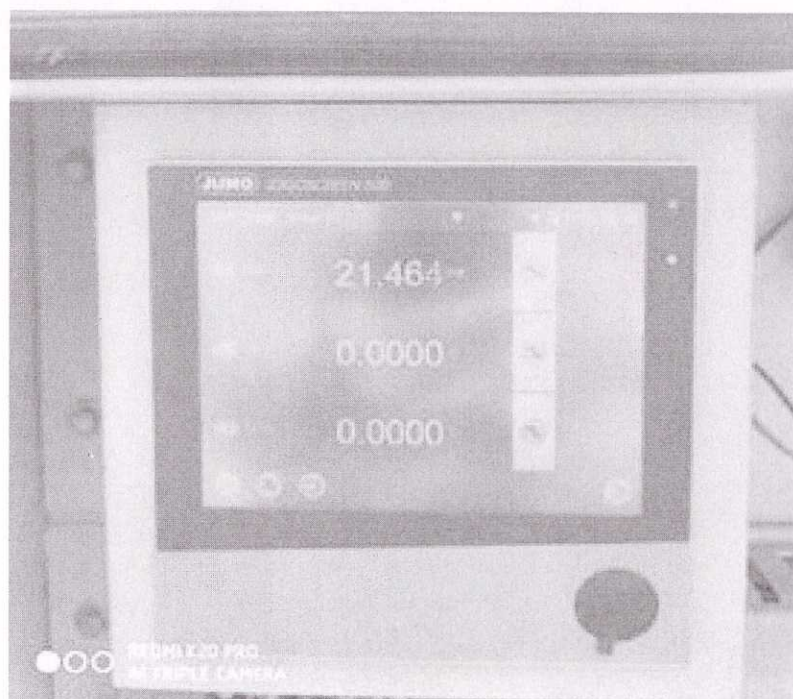
S. No.	Test Parameter	Unit	Project Site	Village Satha	Indian Standard 10500 : 2012	
					Desirable	Permissible
Chemical Parameters						
1.	Colour	Hazen	<5.0	<5.0	5	15
2.	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable
3.	pH	-	7.4	7.5	6.5-8.5	No relaxation
4.	Turbidity	NTU	BDL	BDL	1	5
5.	TDS	mg/l	350.9	495.1	500	2000
6.	Calcium as Ca	mg/l	48.2	31.8	75	200
7.	Chloride as Cl ⁻	mg/l	16.3	43.3	250	1000
8.	Nitrate as NO ₃	mg/l	8.7	15.9	45	No relaxation
9.	Sulphate as SO ₄	mg/l	33.6	37.4	200	400
10.	Alkalinity as CaCO ₃	mg/l	310.5	340.8	200	600
11.	Total hardness as CaCO ₃	mg/l	255.2	280.2	200	600
12.	Magnesium as Mg	mg/l	32.5	38.5	30	100

BDL= Below Detectable Limit

Source: JKCW, Environment Laboratory, Nimbahera (Raj.)

Ground Water Level Report by Digital Ground Water Level Recorder at Plant Site

Piezometer well Ground Water Level: 21.464 Meters on dated: 23.05.2020.



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

Ambient Noise Level Monitored Results

Annexure-3

Month: February' 2020

S. No.	Date	08.02	14.02	21.02	27.02	Average
	Location	Noise Level in dB(A)				
1.	Project Office	56.4	58.0	60.2	58.8	58.4
2.	Near CCR Building	59.7	60.2	61.5	60.2	60.4
3.	Near Truck Parking Area (Out Side the Plant	61.7	59.3	60.2	58.0	59.8
4.	Satha Village	60.2	60.6	61.5	59.5	60.5

Ambient Noise Level Monitored Results

Month: March' 2020

S. No.	Date	03.03	10.03	18.03	24.03	Average
	Location	Noise Level in dB(A)				
1.	Project Office	57.7	59.2	59.0	58.8	58.7
2.	Near CCR Building	56.2	58.4	55.8	57.1	56.9
3.	Near Truck Parking Area (Out Side the Plant	60.4	58.2	61.2	59.4	59.8
4.	Satha Village	58.8	60.0	58.6	56.9	58.6

