

Ref. No.: HM/EMD/MoEF/F 01/010

Dated: 30.11.2021

To,

The Deputy Director General of Forest (C )

Integrated Regional Office,

Kendriya Bhawan, 5<sup>th</sup> Floor, Sector-H,Aliganj, PIN Code:- 226020, **Lucknow (UP)** E. mail:- [roc.z.lko-mef@nic.in](mailto:roc.z.lko-mef@nic.in)

**Subject:** Half Yearly (April to Sept.'2021) Environmental Clearance Compliance Report of our Proposed Clinker Grinding Unit Cement Capacity 2 MMTPA & DG Sets Capacity 1250 kVA & 250 kVA at Village: Ingotha, Tehsil & District: Hamirpur (UP).

**Ref. No.** EC Letter No. 202/ Parya/6109/SEIAA/2021, दिनांक – 29/09/2021.

Dear Sir,

With reference to above stated Environment Clearance (EC) accorded to M/s Jaykaycem (Central) Works, for Proposed Clinker Grinding Unit Cement Production Capacity 2.00 MMTPA & DG Sets Capacity 1250 kVA & 250 kVA at Village: Ingotha, Tehsil & District: Hamirpur (U.P).

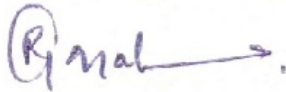
Please find enclosed herewith the copy of Half Yearly (April' 2021 to Sept' 2021) Environmental Clearance Compliance Status Report and same has been uploaded at MoEFCC portal. As per MoEF & CC notification no. S.O. 5845 (E) 26.11.2018 the same soft copy has been send to email id for your kind reference and record please. We trust you will find the same in order.

Please find the above for your ready reference.

Thanking you,

Yours faithfully,

Jaykaycem (Central) Works,



(Ram Pal Goyal)

Authorized Signatory

Copy To:

1. CEO -2, UP Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, PIN Code :- 226 010, **Lucknow** (U.P), E. mail:- [ceo2@uppcb.com](mailto:ceo2@uppcb.com)
2. The Regional Officer, UPPCB, 34A, Near Sant Tulsi Public School, Indranagar, **Banda**, PIN Code: - 210 001 (U.P), E. mail:- [robanda@uppcb.com](mailto:robanda@uppcb.com)
3. The Deputy Director General of Forest (C), Ministry of Environment, Forest and Climate Change, Regional Office (CZ), Kendriya Bhawan, 5th Floor, Sector H, Aliganj, Lucknow – 226 024 (U.P) , E. mail: - [roc.z.lko-mef@nic.in](mailto:roc.z.lko-mef@nic.in)

**Sites:**

Villages : Kakra, Kamtana, Judi, Saptai, Devri-Purohit, Devra, Tehsil – Amanganj, District – Panna, M.P. INDIA.

Village : Ingotha, Tehsil: Hamirpur, District: Hamirpur, U.P. INDIA

## **Environmental Clearance Conditions Compliance Report**

Environmental Clearance for Proposed Cement (Clinker) Grinding Unit Capacity of 2.0 Million TPA (7200 TPD PPC/OPC/PSC/Composite Cement) and D.G. Sets (1250 kVA & 125 kVA) at Village - Ingotha, Pargana - Sumerpur, District – Hamirpur (UP), M/s Jaykaycem (Central) Works {A Unit of Jaykaycem (Central) Ltd.

**Ref. No 202/Parya/SEIAA/6109/2021, Dated: 29 September, 2021**

C. No.	S. No.	Name of Compliance	Action
	I	Allergy test should also be included in health check-up of works.	Agreed, Will be complied
	II	02 nos. of Organic waste convertor of 15 ton capacity each should be installed.	Agreed, Will be complied
	III	Project proponent should submit the plan for bird conservation and their habitats.	Agreed, Will be complied
	IV	Transportation plan should be submitted within 03 months.	Agreed, Will be complied
<b>V</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.	Not Applicable. Please find the Forest NOC Letter No. 247/ 33-1/, hamirpur dated 02.08.2021. Copy of the same has been submitted vide letter no HM/EMD/MoEF/F 01/008 dated 04.10.2021.
	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. Consent To Establish obtained from UPPCB vide letter No. 133698/UPPCB/Banda (UPPCBRO) /CTE/Hamirpur/ 2021, dated 01.09.2021.
	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.	Noted. Water NOC will be obtained from CGWA, New Delhi.
	vi	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Noted. We will applied after obtained the CTO from UPPCB.
<b>VI</b>	<b>Air quality monitoring and preservation</b>		
	i	The project proponent shall install 24x7 continuous emission monitoring system at process stacks (Cement Mill main stack) to monitor stack emission (PM Level) with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from	Agreed & Noted. Continuous Emission Monitoring System (CEMS) at Major Process Stack Cement Mill will be installed to monitor stack emission with respect to standards prescribed in

		time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Environment (Protection) Rules 1986. CEMS will be connected with SPCB & CPCB server and these system will be calibrated through NABL accredited laboratories according to equipment supplier.
	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.	Agreed & Noted. Fugitive emission monitoring will be carried out through recognized laboratory after Plant operation.
	iii	The project proponent shall install a continuous CAAQMS 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 upwind and downwind directions. (Case to case basis small plants: Manual; Large plants: Continuous).	Agreed & Noted. Manual monitoring of Ambient Air Quality parameters PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> will be started after Plant operation at four location on plant boundary at an angle of 120 degrees each.
	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.	Noted, will be complied, Monthly summary report of continuous stack emission and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions will be submitted to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report after plant operation.
	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.	Agreed & Noted. Efficient Air Pollution Control (APC) system (Bag Filters) for all the dust generating points will be provided to comply prescribed stack emission and fugitive emission standards.
	vi	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.	Agreed & Noted. Leakage detection and mechanised bag cleaning facilities of Bag filters will be provided.
	vii	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Agreed & Noted.
	viii	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Will be complied, Mobile vacuum cleaner will be provided to clean plant roads, shop floors and roofs regularly.
	ix	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.	Will be complied, Covered transportation and conveying system for raw material & closed bulkers for carrying fly ash will be provided.
	x	Provide wind shelter fence and chemicals spraying on the raw material stockpiles.	All type of raw material will be stored in covered shed or silo.
	xi	Have separate truck parking area and monitor vehicular	Agreed & Noted.

		emissions at regular interval.	
	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.	Agreed & Noted. Covered conveyor belt will be installed.
	xiii	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, Cement bagging plants.	Agreed & Noted.
<b>VII</b>	<b>Water quality monitoring and preservation:</b>		
	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 <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. (Case to case basis small plants: Manual; Large plants: Continuous).	Not Applicable. It is a Clinker Grinding & Packing Unit only, no effluent water will be generate (Fully dry process Unit).
	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.	Agreed & will be complied, Ground water quality monitoring will be done regularly (pre and post monsoon). Piezometer (01 No.) will be installed for ground water level in the plant.
	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.	Not Applicable. It is a Clinker Grinding & Packing Unit only, no effluent water will be generate (Fully dry process Unit).
	iv	Adhere to Zero Liquid Discharge	Zero Liquid Discharge will be maintained.
	v	Sewage Treatment Plant of appropriate capacity shall be provided for treatment of domestic waste water to meet the prescribed standards.	Not Applicable (Domestic Waste Water will be generate only < 6 KLD & treated in Soak Pit Via Septic Tank).
	vi	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface runoff.	All raw material & Product will be stored in covered shed and silo, hence there will be no any stock pile.
	vii	The project proponent shall practice rain water harvesting to maximum possible extent.	Roof top rain water harvesting system will be provided to recharge the ground Water Level and avoid surface runoff.
	viii	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Water meters at the inlet of all process unit in the Cement Plant will be provided.
	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.	Agreed & Noted.
<b>VIII</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	Noise level monitoring will be done and report will be submitted to RO, MoEFCC six monthly after plant

		compliance report.	operation.
	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.	Agreed & Noted.
<b>IX</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.	Agreed & Noted.
	ii	Provide the project proponent for LED lights in their offices and residential areas.	LED lights will be provided in the offices.
	iii	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	Use of max. fly ash & sweetener as per BIS norms will be done.
<b>X</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.	Hazardous Waste Authorization from the UPPCB handling for collection / treatment / storage / disposal will be obtained.
	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).	JKCW will be explore for best practice for the same.
<b>XI</b>	<b>Green Belt</b>		
	i.	Green belts shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The green belt shall inter alia cover the entire periphery of the plant	Agreed & Noted. Green belt 33% will be developed with cover entire periphery of the plant area as per CPCB guidelines.
	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.	GHG emissions inventory will be prepared for the plant and submit report for reduction of the carbon sequestration including plantation.
<b>XII</b>	<b>Public hearing and Human health issues</b>		
	i	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Agreed & Noted. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan will be prepared and implemented.
	ii	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Agreed & Noted. Personal Protective Equipments (PPE's) will be provided to workers as per the norms of Factory Act.
	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.	Agreed & Noted.
	v	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Pre-employment and periodical medical examination with records for all the workers will be undertaken on regular basis as per Factories Act & Rules.
<b>XIII</b>	<b>Corporate Environment Responsibility</b>		
	i	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-	Noted & will be complied.

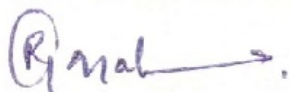
		IA.III dated 1 <sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.	
	ii	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks 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.	Noted & will be complied. Copy of Environment Policy has been submitted vide letter no HM/EMD/MoEF/F 01/008 dated 04.10.2021.
	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.	Noted & will be complied
	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.	Noted & will be complied Action plan will be prepared for implementing EMP and environmental conditions along with responsibility matrix of the company and funds will be earmarked year wise for environmental 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.	Noted & will be complied
	vi	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plans shall be implemented.	Agreed & Noted
<b>XIV</b>	<b>Miscellaneous</b>		
	i	Raw material handling should be such that there should be no fugitive emission from premises.	Agreed and will be complied.
	ii	Under CER activity as committed ambulance for handicapped, equipped with medical facilities may be provided.	Will be complied.
	iii	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.	Complied 1. Jan-Sandesh Times dated 02.10.2021 2. Dainik Viswa Parivar dated 02.10.2021 Copy of the same has been submitted vide letter no HM/EMD/MoEF/F 01/008 dated 04.10.2021.
	iv	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied Copies of Environment Clearance has been submitted to the Heads of local bodies, Panchayats and Municipal Bodies vide letter No. HM/EMD/MoEF/F01/007, dated: 30.09.2021. Copy of the same has been submitted vide letter no

			HM/EMD/MoEF/F 01/008 dated 04.10.2021.
	v	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.	Noted & Agreed.
	vi	The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>x</sub> (Ambient Levels) and PM at Cement Mill stack or critical sectoral 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.	Noted & will be complied. Monitoring will be done & results will be displayed after plant operation.
	vii	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.
	viii	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.
	ix	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.	Noted. We will be inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project, commencing the land development work and start of production operation by the project.
	x	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted & Agreed.
	xi	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 & Agreed.
	xii	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 & Agreed.
	xiii	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 & Agreed.
	xiv	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted & Agreed.
	xv	The Ministry reserves the right to stipulate additional conditions if found necessary.	Noted & Agreed.
	xvi	The Company in a time bound manner shall implement these conditions.	Noted & Agreed.
	xvii	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	Noted & Agreed.

		data / information/monitoring reports.	
	xviii	The above conditions shall been forced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted & Agreed.
	xix	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, with in a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

Thanking you,

Yours faithfully,  
Jaykaycem (Central) Works,



(Ram Pal Goyal)  
Authorized Signatory





**Sites:**

Villages : Kakra, Kamtana, Judi, Saptai, Devri-Purohit, Devra, Tehsil – Amanganj, District – Panna, M.P. INDIA.

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