

Ref. No.: JAYKAYCEM/HM/ENV/EC/F-16/01

Dated: 01.12.2022

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

**Subject:** Half Yearly Environmental Clearance Compliance Report of our Clinker Grinding Unit – (Jaykaycem Central Works Hamirpur) Cement Production Capacity 2 MMTPA & DG Sets Capacity 1250 kVA & 250 kVA at Village: Ingotha, Tehsil & District: Hamirpur (UP).for the period from Apr'2022 to Sept'2022

Ref. No. EC Letter No. 202/ Parya/6109/SEIAA/2021, Dated 29/09/2021.

Dear Sir,

With reference to above stated Environment Clearance (EC), please find herewith enclosed Half Yearly Environmental Clearance Compliance Report of our Clinker Grinding Unit-(Jaykaycem Central Works Hamirpur) Cement Production Capacity 2 MMTPA & DG Sets Capacity 1250 kVA & 250 kVA at Village: Ingotha, Tehsil & District: Hamirpur (UP) for the period from Apr'2022 to Sept'2022. For your kind reference and record please.

Thanking you,  
Yours faithfully,  
Jaykaycem (Central) Works Hamirpur,



(Anil Kumar Jain)  
Authorized Signatory  
Encl: As above  
CC:

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)



## 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 tons capacity each should be installed.	Agreed, Will be complied
	III.	Project proponent should submit the plan for bird conservation and their habitats.	Complied (Bird Conservation Plan attached <b>as per Annexure no.-1</b> )
	IV.	Transportation plan should be submitted within 03 months.	Complied (Transportation Plan attached <b>as per Annexure no.- 2</b> )
<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 <b>as Annexure no.-3.</b>
	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. CCA (Consolidated Consent & authorization) obtained from UPPCB vide letter No. 158361/UPPCB/BANDA (UPPCBRO)/CTO/BOTH/HAMIRPU R/2022 dated 01.10.2022 <b>as Annexure no.-4.</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. Water NOC have been obtained from UP GWD, Hamirpur. <b>As Annexure no.-5.</b>
	vi.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied. Hazardous waste authorization has been obtained via. CCA (Consolidated Consent & authorization) No. 158361/UPPCB/BANDA (UPPCB RO)/CTO/BOTH/HAMIRPUR/2022 dated 01.10.2022( <b>Refer Annexure. 4</b> )
<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 time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complying. Continuous Emission Monitoring System (CEMS) at Cement Mill has been installed to monitor stack emission. The data connectivity with SPCB & CPCB server is under progress and these systems 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.	Noted, will be complied
	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 NOx in reference to SO <sub>2</sub> and NOx 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).	Noted. Manual monitoring stations have been installed and monitoring of Ambient Air Quality parameters PM10, PM2.5, SO2 and NOX have been started. Copy enclosed as <b>Annexure no.6</b>
	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. 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.	Complied. Efficient Air Pollution Control (APC) system (Bag Filters) for all the dust generating points has been 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.	Complied. Leakage detection and mechanised bag cleaning facilities of Bag House has been provided.
	vii.	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Agreed & Complied.
	viii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Will be complied, Procurement of Mobile vacuum cleaner is under progress.
	ix.	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.	Complied, Covered transportation along with closed bulkers for carrying fly ash practice has been adopted and conveying system for raw material are being covered.
	x.	Provide wind shelter fence and chemicals spraying on the raw material stockpiles.	Complied. All type of raw material is being stored in covered shed or silo.

	xi.	Have separate truck parking area and monitor vehicular emissions at regular interval.	Complied. Parking area is separate for truck and PUC is being checked.
	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 has been installed and raw material is transported through covered vehicle.
	xiii.	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, Cement bagging plants.	Agreed & Noted. Sufficient no. of bag filters and ventilation system have been provided.
<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 this 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 is being generated (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. Ground water quality monitoring is being done regularly (pre and post monsoon). Piezometer (01 No.) has been installed for ground water level in the plant. Ground water quality report enclosed as <b>Annexure no.-7</b>
	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.	Agreed. It is a Clinker Grinding & Packing Unit only; no effluent water will be generated (Fully dry process Unit). Ground water quality is being monitored.
	iv.	Adhere to Zero Liquid Discharge	Agreed.
	v.	Sewage Treatment Plant of appropriate capacity shall be provided for treatment of domestic waste water to meet the prescribed standards.	Agreed and complied. We have installed a STP of 10 KLD for treatment of domestic waste water.
	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.	Agreed & Noted. There will be no any stock pile. All raw material is been stored in covered shed. Garland drains have been provided and rain water will be recharged.
	vii.	The project proponent shall practice rain water harvesting to maximum possible extent.	Agreed & complying.
	viii.	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Complying.
	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. STP treated water will be used for process/gardening for fresh water consumption reduction.
<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 compliance report.	Agreed. Noise monitoring is being carried out. Report enclosed as <b>Annexure no.-8</b> .
	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	Agreed & Noted.

		time.	
<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.	Complied. LED lights have been provided in offices. There is no residential colony of company.
	iii.	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	Agreed. 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.	Agreed & will be complied.
	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).	Agreed.
<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. 2800 Nos. saplings have been planted in approx. 1.1 ha. area.
	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.	Agreed. 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 has been prepared and implemented.
	ii.	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Agreed & complying
	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 & complied. Company has provided all basis facilities to labours.
	v.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Agreed & complying.
<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-IA.III dated 1 <sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted & being complied.
	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	Noted & complied. Copy of Environment Policy is enclosed as <b>Annexure no.-9</b> .

		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.	
	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 & 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
	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 plants 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 being 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 Please find the copy of the 02 Local Hindi News Papers enclosed as <b>Annexure no.-10.</b>
	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 Copy of the same is submitted vide letter No. HM/EMD/MoEF/F 01/007 dated: 30.09.2021 enclosed as <b>Annexure no.-11.</b>
	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 & being complied.
	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 & being complied. Display board is being installed.
	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 & Agreed.
	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 data / information/monitoring reports.	Noted & Agreed.
	xviii.	The above conditions shall be forced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted & Agreed.
	xix.	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

Yours faithfully,  
Jaykaycem (Central) Works Hamirpur,



(Anil Kumar Jain)  
Authorized Signatory

## **BIRD CONSERVATION PLAN**

Threats such as collision, light pollution, contaminants, Global warming etc. are the result due to which birds are killed. Things which are to be practiced in M/s JAYKAYCEM CENTRAL WORKS HAMIRPUR to conserve and protect birds are as under;

- ✓ Plantation: As birds are fond of pollen, seeds, berries, insects and nectar. Plantation will be done in the area in order to provide food for the survival of birds. Birds need safe places to rest & eat, so this will also provide shelter to them. Miyawaki forest will also be developed. Plantation of native species to be done in the factory premises to attract more birds.
- ✓ Marks on transparent/one side transparent glass windows: Birds tend to hit windows because they cannot see them as an obstruction. This usually leads to death after birds accidentally crash on the windows. Birds may also encounter life-ending injuries such as broken wings and necks. Marking will be done on the glass windows.
- ✓ Bird bath: It will be provided in order to drink & bath. At different time interval it will be cleaned & filled with fresh water.
- ✓ Reduction in carbon foot prints: Parasites are part of the reason why birds suffer and their dwindling numbers. Attacks by ticks and mites can lead to weakened bird populations. This is mostly due to a rise in the number of parasites in the wild. Increase in carbon foot prints can be traced to the rising global temperatures that make for shorter winters with higher average temperatures. This means that more insects survive the winter cycle each season. To combat this, we should reduce greenhouse gas emission
- ✓ Waste Management: Birds tend to be various curious about the waste that are produced by human. Dumping waste in open leads to birds attempting to eat whatever is dumped. This practice can be harmful that's why proper waste management to be done by providing bins/or any area to dispose waste
- ✓ Plastic waste management
- ✓ Creation of small bird habitat: These may include artificial bird nest which will provide shelter to them. This increases the population of the species in the region and provides an incentive for more birds to settle in order to breed with the other birds in the region.
- ✓ Awareness programme on bird conservation & their habitats will be conducted for the importance of birds in environment & encourage them to recognize that avian productivity is a prime criterion for determining protected status of specific habitats, mitigation requirements for environmental impacts.



**Ref. No.: HM/EMD/MoEF/Comp./F 01/011****Dated: 27.12.2021**

To,

**By-Post****The Member Secretary,**

State Environment Impact Assessment Authority,

Vinit Khand-1, Gomati Nagar, **Lucknow**, PIN Code:- 226 010, (UP.)-**E. mail:-** [roc2.lko-mef@nic.in](mailto:roc2.lko-mef@nic.in)**Subject:** Environmental Clearance for Proposed Clinker Grinding Unit Cement Capacity 2 MMTPA & DG Sets Capacity 1250 kVA & 250 kVA at Village: Ingotha, Tehsil & District: Hamirpur (UP).-**Regarding Compliance of Condition no. IV w.r.t. Transportation Plan****Ref. No.** EC Letter No. 202/ Parya/SEIAA /6109 /2021 dated 29/09/2021.

Dear Sir,

With reference to above subject matter and referred EC dated 29.09.2021; in this regard, we would like to submit that the said EC was granted 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).

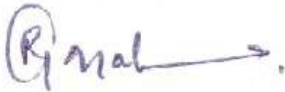
Now, as per the EC condition No. IV "Transportation plan should be submitted within 3 months", we are submitting herewith the following transportation map for your kind consideration please:

1. Transportation Route Map for Clinker from Proposed Integrated Cement Plant, Jaykaycem (Central) Limited, Amanganj, Dist. Panna, MP at a distance of ~235 kms.
2. Transportation Route Map for Fly ash from NUPPL, Power Plant, Ghatampur, Kanpur, Uttar Pradesh at a distance of ~30 kms.
3. Other Raw materials viz. Slag from nearby area in UP (~100 kms.), Mineral Gypsum from Rajasthan (~1000 kms), Synthetic & Chemical from sister units at Nimbahera, Rajasthan & nearby industrial area of UP, MP & Gujarat (~1000 kms.) respectively and Fuel (Coal, Diesel, FO & Diesel) from local market (within 100 kms.) will also be transported by said route.

We hope the above information is in order.

Thanking You,

Yours Faithfully,

**For Jaykaycem (Central) Works, Hamirpur****{A Unit of Jaykaycem (Central) Limited}****Ram Pal Goyal****Authorized Signatory**

Copy To:

1. **The 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 ), Integrated Regional Office, Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, PIN Code:- 226020, Lucknow (UP). E. mail:-** [roc2.lko-mef@nic.in](mailto:roc2.lko-mef@nic.in)

**Sites:**

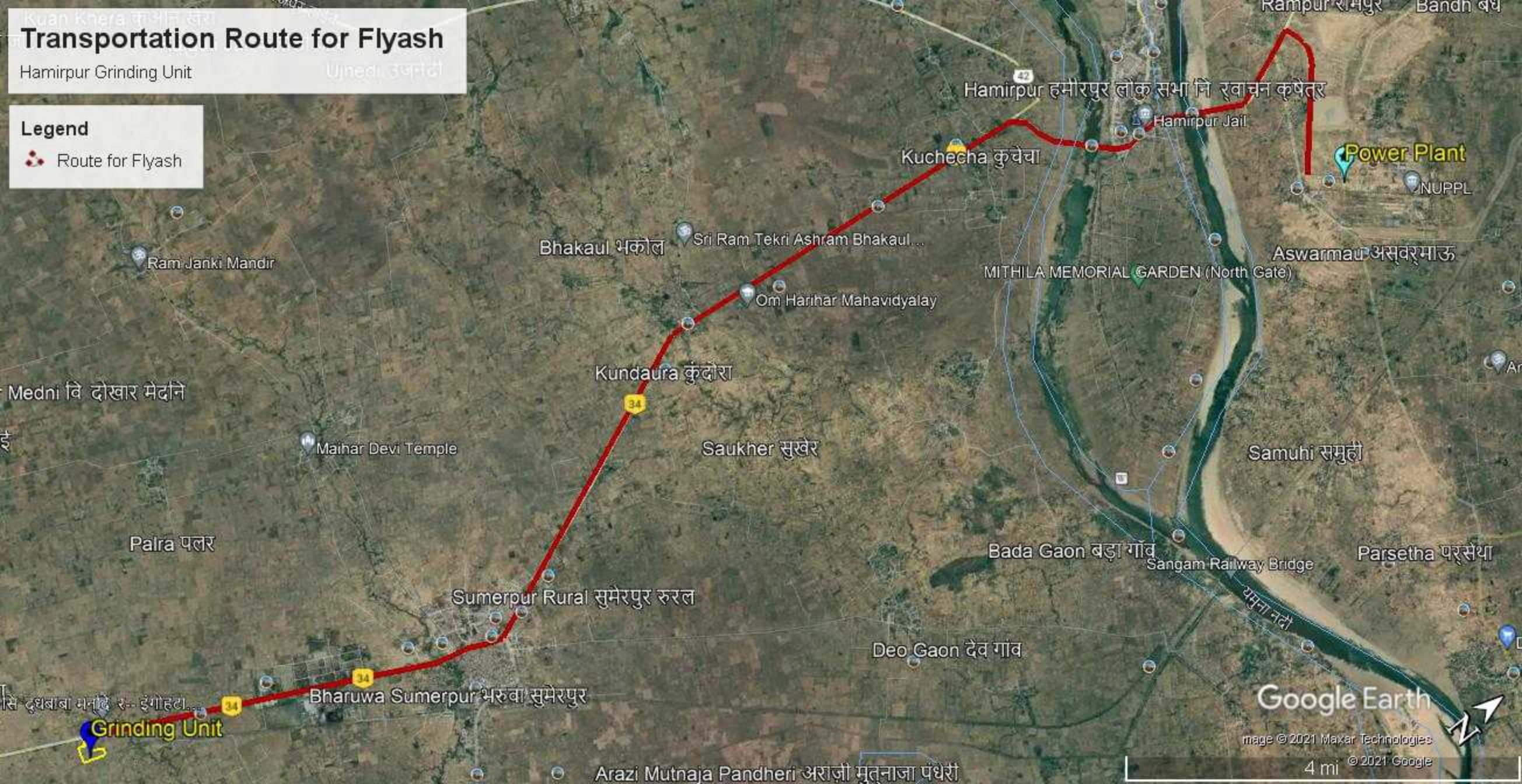
Villages : Kakra, Kamtana, Judi, Saptai, Devri-Purohit, Devra, Tehsil – Amanganj, District – Panna, M.P. INDIA.

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



### Hamirpur Grinding Unit

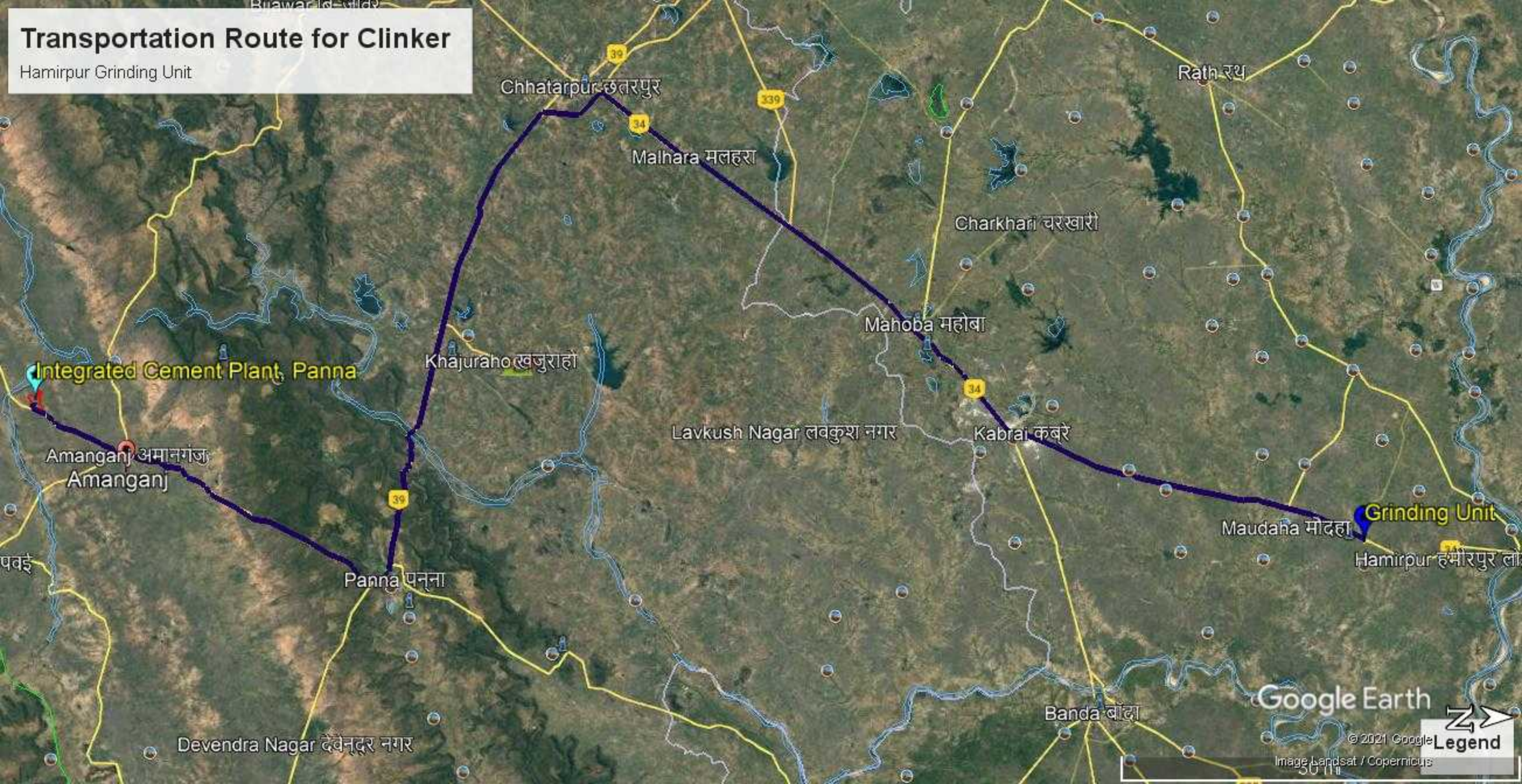
### Route for Flyash





# Transportation Route for Clinker

Hamirpur Grinding Unit





**कार्यालय प्रभागीय वनाधिकारी, हमीरपुर वन प्रभाग, हमीरपुर।**

पत्रांक 247 / 33-1 / दिनांक, हमीरपुर, 02, 08, 2021.

सेवा में,

जेकेसेम सेन्ट्रल लिमिटेड  
यूनिट हमीरपुर।

**विषय:**—जेकेसेम सेन्ट्रल लिमिटेड यूनिट हमीरपुर द्वारा ग्राम—इंगोहटा, तहसील—हमीरपुर, जिला—हमीरपुर के गाटा संख्या—1731, 1732, 1735, 1737 क्षेत्रफल—10.661 हे० में वनभूमि होने/न होने के सम्बन्ध में।

**सन्दर्भ:**—आपका पत्रांक—एच०एम०/ई०एम०डी०/एम०ओ०ई०एफ०/०१/००५ दिनांक 19.04.2021.

उपरोक्त सन्दर्भित पत्र द्वारा वॉछित ग्राम—इंगोहटा, तहसील—हमीरपुर, जिला—हमीरपुर के अन्तर्गत गाटा संख्या—1731, 1732, 1735, 1737 कुल क्षेत्रफल—10.661 हे० के वनभूमि/गैर वनभूमि होने के सम्बन्ध में सूचना चाही गयी है। इस सम्बन्ध में जाचोंपरान्त क्षेत्रीय वन अधिकारी, सुमेरपुर ने अपने पत्रसंख्या—10/33-1/ दिनांक 30.07.2021 एवं उप प्रभागीय वनाधिकारी, हमीरपुर ने अपनी जाँच दिनांक 31.07.2021 में अवगत कराया गया है कि ग्राम—इंगोहटा के अन्तर्गत उक्त गाटा संख्या जिनका कुल क्षेत्रफल—10.661 हे० है, वनभूमि नहीं है।

(उमेश चन्द राय)

प्रभागीय वनाधिकारी,  
हमीरपुर वन प्रभाग, हमीरपुर।

पृष्ठांकन संख्या...../अ/समदिनांकित।

**प्रतिलिपि:**—उप प्रभागीय वनाधिकारी हमीरपुर को उनकी जाँच रिपोर्ट दिनांक 31.07.2021 के क्रम में सूचनार्थ प्रेषित।

**प्रतिलिपि:**—क्षेत्रीय वन अधिकारी, सुमेरपुर को उनके पत्र संख्या—10/33-1/दिनांक 30.07.2021 के क्रम में सूचनार्थ प्रेषित।

(उमेश चन्द राय)

प्रभागीय वनाधिकारी,  
हमीरपुर वन प्रभाग, हमीरपुर।

**Uttar Pradesh Pollution Control Board**

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

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

**158361/UPPCB/Banda(UPPCBRO)/CTO/both/HAMIRPUR/2022****Date: 01/10/2022****To,****M/s****JAYKAYCEM CENTRAL WORKS HAMIRPUR****Village Ingotha, Pargana Sumerpur, District  
Hamirpur, HAMIRPUR, 210341****Application Id-  
16714828**

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

CCA is hereby granted to **JAYKAYCEM CENTRAL WORKS HAMIRPUR** located at **Village Ingotha, Pargana Sumerpur, District Hamirpur, HAMIRPUR, 210341**. subject to the provisions of the **Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA JAYKAYCEM CENTRAL WORKS HAMIRPUR **granted for the period from 01/10/2022 to 31/12/2023** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	Cement PPC	150000	Metric Tonnes/Month
2	Cement OPC	16600	Metric Tonnes/Month
3	Cement PSC	16600	Metric Tonnes/Month
4	Cement Composite	16600	Metric Tonnes/Month

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

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

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
<b>Domestic</b>	<b>6.0 KLD</b>	<b>STP</b>	<b>Irrigation and water sprinkling</b>

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

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

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

### Industrial Effluent Quality Standard

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

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

S No.	Parameters	Standards
1	pH	
2	BOD (mg/L)	
3	TSS (mg/L)	
4	Fecal Coliform (MPN/100ml)	

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

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

#### Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	Vertical Rolling Mill	-	01	Particulate Matter	55 feet high MS stack and Bag filters

#### Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	01	Particulate Matter	As per Environment (Protection) Act 1986 as amended.

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

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

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

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

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

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

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

<b>S.No.</b>	<b>Category of Hazardous Waste as per the Schedules I, II and III of these rules</b>	<b>Authorised mode of disposal or recycling or utilisation or co-processing, etc.</b>	<b>Quantity(ton/annum)</b>
<b>1</b>	<b>Empty barrels/containers/ liners contaminated with hazardous chemicals /wastes (Sch-1, Cat-33.1)</b>	<b>Through TSDF/Authorized recyclers</b>	<b>300 Nos/Annum</b>
<b>2</b>	<b>Used or Spent Oil (Sch-1, Cat-5.1)</b>	<b>Through TSDF/Authorized recyclers</b>	<b>5.0 KL/Annum</b>
<b>3</b>	<b>Wastes or residues containing oil (Sch-1, Cat-5.2)</b>	<b>Through TSDF/Authorized recyclers</b>	<b>2.0 KL/Annum</b>
<b>4</b>	<b>Contaminated cotton rags or other cleaning materials (Sch-1, Cat-33.2)</b>	<b>Through TSDF</b>	<b>1.2 MT/Annum</b>
<b>5</b>	<b>Sludge and filters contaminated with oil (Sch-1, Cat-3.3)</b>	<b>Through TSDF</b>	<b>50 Kg/Annum</b>

**The authorization shall be in force and shall be valid upto 31/12/2023.** The authorization is subject to the conditions stated below and such conditions as may be specified in the rules for the time being in force under Environment (Protection) Act, 1986.

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

- The authorization shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- The authorization and its renewal shall be produced for inspection at the request of an officer authorized by the SPCB.
- The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the SPCB.
- Any unauthorized changes in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- It is the duty of the authorized person to take prior permission of the SPCB to close down the facility.
- An application for the renewal of an authorization shall be made as laid down under these rules.
- The unit shall comply with any other conditions specified in the guidelines issued by the MoEF or CPCB/SPCB from time to time.
- The authorization is valid for temporary storage of Hazardous Waste within premises only.
- The authorized agency shall ensure that on-line data with regard to quantity and nature of hazardous chemicals being used in the plant as well as air emission and waste generated within premises is displayed on Display Board of size 6x4 feet outside the main factory gate within premises

- (x) It is duty of the authorized person to take prior permission of this Board to close and cleanup the facility for treatment, storage and disposal of hazardous waste.
- (xi) The applicant shall maintain record of hazardous waste in Form-3 and shall submit annual return in Form-4 on or before the 30th day of June following to the financial year to which that return relates.
- (xii) In no case any hazardous waste shall be disposed off on land, in any drain, or into any water stream. All spillage must also be safely collected and stored.
- (xiii) Before the hazardous waste is stored or dumped in the facility, applicant must conduct a detailed physical and chemical analysis of hazardous waste sample and report to the Board.
- (xiv) Dried hazardous sludge from the process in the plant shall be stored in double lined HDPE pit constructed with R.C.C. or such material which does not react with the waste contained in it.
- (xv) The storage area should be fenced properly and Sign/Notice Board indicating 'Danger' and 'Hazardous' shall be displayed at appropriate position both in Hindi and English.
- (xvi) The industry shall store non-ferrous metal waste, used oil/spent oil waste in sealed drums placed on impervious floor under covered shed. Hazardous waste if required shall be sold only to Registered Recyclers/Re-processors.
- (xvii) In case of any transportation of hazardous waste, the details in Form-10 of the Hazardous and Other Wastes Rules, 2016 shall be submitted to the Board.

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

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

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

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

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

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

**General Conditions:-**

- 1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.
- 2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
- 3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
- 4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action



shall be initiated against the applicant.

5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof

6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.

7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.

8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.

9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.

10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.

11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point

12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

#### **Specific Conditions:-**

1. This consent of M/s JAYKAYCEM CENTRAL WORKS HAMIRPUR (Grinding Unit) is valid for production of Cement PPC-150000 MT/Month, Cement OPC 16600 MT/Month, Cement PSC-16600 MT/Month, Cement Composite-16600 MT/Month using raw material Clinker-15000 MT/Month, Fly Ash-5000 MT/Month, Gypsum-2500 MT/Month, Slag-5000 MT/Month, Limestone-2500 MT/Month.

2. Industry shall comply with the conditions of Environmental Clearance issued by SEIAA vide letter no. Vide letter no. 202/Parya/SEIAA/6109/2021 dated 29.10.2021 and CTE issued by UPPCB on 01.09.2021.

3. The industry shall operate and maintain installed APCS in such a manner to achieve the emission standards as prescribed under Environment (Protection) Rules, 1986.

4. Industry shall operate and maintain water sprinkler to suppress dust inside the premises. Industry shall maintain proper housekeeping and proper dust control arrangement at loading and unloading areas.

5. Industry shall operate and maintain installed OCEMS effectively and ensure its regular connectivity to CPCB server. Industry shall also calibrate installed OCEMS from recognized agency on six monthly basis.

6. Fly Ash/Solid waste shall be disposed in such manner, so that no water, air and soil pollution takes place.

7. Industry shall maintain acoustic enclosure and stack attached to 500 KVA D.G. Set and shall ensure the compliance of provisions of Noise Pollution (Regulation and Control) Rules 2000.

8. Industry shall submit the Stack/Ambient Air monitoring report of NABL accredited laboratory with 01 Months and thereafter on quarterly basis to the Board.

9. Industry shall install/maintain Electro Magnetic Flow meters at Water withdrawal source and logbook of its reading shall be maintained properly.

10. Industry shall treat 6 KLD domestic effluent through STP of capacity 10 KLD as per the standards prescribed under Environment (Protection) Rules 1986 as amended. The treated effluent shall be reused for irrigation and water sprinkling for dust separation etc with in industry premises. Industry shall ensure ZLD.

11. The water approx 180 KLD used in process such as Mill spray, Cooling water etc shall be recycled in process and industry shall ensure ZLD.

12. Industry shall submit the STP treated effluent analysis report of NABL accredited laboratory within 01 month and thereafter on quarterly basis to the Board.

13. Industry shall obtain necessary permission from UPGWA for withdrawal of ground water and shall install rain water harvesting system as per design of Ground Water Authority.
14. Industry shall comply with the provisions of Hazardous and Other waste (Management & Trans boundary Movement) Rules 2016.
15. Industry shall establish Miyawaki forest inside the industry premises in sufficient area and the treated effluent from the STP shall be used for forestation.
16. Industry shall abide by directions given by Hon'ble Courts, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time.
17. Industry shall submit environmental statement in prescribed format as per rule 14 of Environment (Protection) Act, 1986.
18. Industry shall comply with the Office memorandum no. H 48273/C-1/NGT-83/2020 dated 27.02.2020 issued by UPPCB.
19. Consent fees if revised, shall be payable by industry from the date of its applicability.
20. If closure order is issued by CPCB or UPPCB against the unit, then CCA issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CCA will automatically be effective with additional conditions mentioned in the closure revocation order.
21. The hazardous 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.
22. 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.
23. The applicant must file returns in 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.
24. In case of occurrence of an accident, complete details on form must be sent to U.P. Pollution Control Board at the earliest along with details of mitigative and remedial measures taken.
25. The authorized person shall not receive, collect, or store any hazardous waste from any unauthorized occupier or generator of hazardous wastes. In case any hazardous wastes is sold to any other reprocessing unit it must be ensured that such unit is fully complying with environmental requirements and has a valid authorization of the Board.
26. Industry shall install 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.
27. 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.
28. You shall have the valid membership of any common TSDF for S.L.F. (M/S U.P. Waste Management Project Kumbhi Kanpur Dehat or M/s Bharat Oil and Waste Management Ltd., Kumbhi, Akbarpur, Kanpur Dehat. permitted by U.P.P.C.B). The authorized incinerator is M/s Bharat Oil Company, Sahibabad, Ghaziabad for oily waste and paint sludge only.
29. Industry shall store the hazardous waste safely and send it to TSDF/incinerator within Ninety days.
30. Industry shall comply with the relevant provisions of Environmental Laws.

**Dr Ram Karan**

Digitally signed by Dr Ram Karan  
Date: 2022.10.02 23:20:06 +05'30'

**Chief Environmental Officer (circle-2)**

Copy to:

Regional Officer, UPPCB, Banda with direction to send the compliance report of CCA conditions on quarterly basis.

**Dr Ram Karan** Digitally signed by Dr Ram Karan  
Date: 2022.10.02 23:20:16 +05'30'

**Chief Environmental Officer (circle-2)**



# GROUND WATER DEPARTMENT

(Namami Gange & Rural Water Supply Department)

Ministry of Jal Shakti

Government of Uttar Pradesh

## Form 8 (A)/फॉर्म 8 (ए)

### APPLICATION FOR OBTAINING GRANT OF AUTHORIZATION/NO OBJECTION CERTIFICATE FOR SINKING OF PROPOSED WELL IN NON-NOTIFIED AREA

प्रस्तावित कूप की बोरिंग हेतु प्राधिकार/अनापत्ति प्रमाणपत्र प्राप्त करने के लिए आवेदन

(Any Commercial or Industrial or Infrastructural or Bulk user)  
(वाणिज्यिक अथवा औद्योगिक अथवा अवसंरचनात्मक अथवा सामूहिक उपयोक्ता)

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Bill, 2019]  
[धारा 14, उत्तर प्रदेश भूगर्भ जल प्रबंधन तथा विनियमन बिल, 2019 के अधीन]

<b>Applicant's Details</b> आवेदक का विवरण			
Type of Applicant आवेदक का प्रकार	Behalf of Firm/Company	Application Number आवेदन संख्या	HMPR0921NIN0018
Application Date आवेदन तिथि		11/09/2021	
Name of the Applicant आवेदक का नाम	RAMPAL GOYAL		
Mobile No. मोबाइल नंबर	9799635715	Email ID. ईमेल आईडी	rampal.goyal@JKcement.com
Date of Birth जन्मतिथि	16/04/1962	Gender लिंग	Male
Nationality राष्ट्रियता	Indian	ID as Address Proof निवास प्रमाण हेतु आईडी	Aadhaar Card
Aadhaar Card Number	6248-1857-1341	Uploaded Aadhaar Card अपलोड किया गया आधार कार्ड	Download
House No./Flat No./Building No. मकान सं०/फ्लैट सं०/भवन सं०	Village Ingotha, Pargana Sumerpur, District Hamirpur		
City/Town/Post Office नगर/कस्बा/पोस्ट ऑफिस	HAMIRPUR	State राज्य	Uttar Pradesh
District जनपद	HAMIRPUR	Pin Code पिन कोड	210341
Designation पद	G.M. - Environment (Project)	Company Name कंपनी का नाम	JAYKAYCEM (CENTRAL) WORKS, HAMIRPUR
Company Address कंपनी का पता	Vill: Ingotha, Pargana: Sumerpur, Distt: Hamirpur	Authorization Letter प्राधिकार पत्र	Download
<b>Details of Proposed Well</b> प्रस्तावित कूप का विवरण			
District जनपद	Hamirpur	Block ब्लॉक	Sumerpur
Plot No./Khasra No. प्लॉट संख्या/खसरा संख्या	Existing Land details attached	Municipality/Municipal Corporation नगर पालिक/नगर निगम	No

<b>Ward No./Holding No.</b> वॉर्ड संख्या/होल्डिंग संख्या	NA	<b>Uploaded Land Details</b> अपलोड किया गया भूमि का विवरण	Download	
<b>Particulars of The Proposed Well</b> प्रस्तावित कूप का ब्योरा				
<b>Date of Construction/Sinking of Well</b> कूप की निर्माण तिथि	15/10/2021	<b>Type of the Well</b> कूप का प्रकार	Tube Well/Boring	
<b>Housing Pipe If Any</b> यदि कोई है	Yes	<b>Approx. Length of Housing Pipe (In Meter)</b> हाउसिंग पाईप की अनुमानित लंबाई (मीटर में)	36.50	
<b>Approx. Diameter of Housing Pipe (mm)</b> हाउसिंग पाईप का अनुमानित व्यास (मिलीमीटर में)	300.00	<b>Material of the Housing Pipe &amp; Blank Pipe</b> हाउसिंग पाईप एवं ब्लैंक पाईप की सामग्री	Iron	
<b>Strainer Details</b> स्ट्रेनर का विवरण				
<b>Material of Strainer</b> स्ट्रेनर की सामग्री	Iron	<b>Number of Strainer(s)</b> स्ट्रेनर की संख्या	4	
<b>S.No.</b> क्रम संख्या	<b>Strainer Installed at what Depth from Ground Level (in Meter)</b> स्ट्रेनर, भू-स्तर से कितनी गहराई पर स्थापित है (मीटर में)	<b>Strainer Installed upto what Depth from Ground Level (in Meter)</b> स्ट्रेनर, भू-स्तर से कितनी गहराई तक स्थापित है (मीटर में)	<b>Length (In meter)</b> लंबाई (मीटर में)	<b>Diameter (In millimeter)</b> व्यास (मिलीमीटर में)
1	21.30	22.80	1.50	200.00
2	27.40	28.90	1.50	200.00
3	32.00	33.50	1.50	200.00
4	35.00	36.50	1.50	200.00
<b>Approx. Depth of Well (In meter)</b> कूप की अनुमानित गहराई (मीटर में)	106.68	<b>Whether there has been Any Adverse Report Regarding Water Quality of the Well?</b> क्या कूप के जल की गुणवत्ता के संबंध में कोई प्रतिकूल रिपोर्ट है?	No	
<b>Give Particulars Regarding Water Quality of the Well</b> कूप की जलीय गुणवत्ता का विवरण दें		N/A		
<b>Details of Proposed Pumping Device</b> प्रस्तावित पंपिंग उपकरण का विवरण				
<b>Type of Pump to be Used</b> प्रयोग किये जाने वाले पंप का प्रकार	Submersible	<b>Pump Capacity (In m3/hr)</b> पंप क्षमता (m3/hr)	20.00	
<b>Horse Power (H.P.)</b> हॉर्स पावर (एच.पी.)		7.50		
<b>Operational Device</b> परिचालन उपकरण	Electric Motor	<b>Date of Energization</b> विद्युतीकरण तिथि	15/10/2021	
<b>Details of Utilization of Well</b> कूप के उपयोग का विवरण				
<b>Purpose of the Proposed Well</b> प्रस्तावित कूप का उद्देश्य?	Industrial	<b>Annual Running Hours</b> वार्षिक उपयोग (घंटे में)	1825.00	

<b>Daily Running Hours</b> दैनिक उपयोग (घंटे में)	5.00	<b>Whether the Water Supplied in Well Area Through Pipe Water Supply or Not?</b> क्या क्षेत्र में जल की आपूर्ति पाइप जलापूर्ति के माध्यम से होती है?	No
<b>Please Submit Mode of Treatment of Waste Water/Effluent (For Industries)</b> अपशिष्ट जल की उपचार प्रणाली भरें (उद्योग हेतु)	Zero Liquid discharge.	<b>Please Mention Whether Obtained NOC from Uttar Pradesh Pollution Control Board for Discharge of Effluent/Waste Water or Not?</b> कृपया उल्लेख करें कि क्या उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड से अपशिष्ट प्रवाह/अपशिष्ट जल प्रवाह हेतु अनापत्ति प्रमाण पत्र प्राप्त कर लिया गया है अथवा नहीं	Yes
<b>Upload NOC</b> अनापत्ति प्रमाणपत्र अपलोड करें	Download	<b>Length of Section Pipe (in Meter)</b> सक्शन पाइप की लंबाई (मीटर में)	74.18
<b>Whether Rain Water Harvesting Structure has been Constructed within the Premises?</b> क्या परिसर में वर्षा जल संचयन संरचना का निर्माण किया गया है?	No	<b>Any Other Information Which You Would Like to Furnish</b> कोई अन्य जानकारी जो आप प्रदान करना चाहते हैं:	NA
<b>affidavit on non judicial stamp paper of Rs. 10/- regarding non availability of water supply from local government agencies in cases where ground water requirement is up to 10 m3/day</b>	Download	<b>Certificate regarding non/ partial availability of fresh water/ treated waste water supply from the concerned local government water supply agency in cases where requirement of ground water is more than 10m3/day</b>	Download
<b>Ground water quality data of bore well/ tube well/ dug well in respect of existing industries from NABL accredited laboratories/Government approved laboratories</b>	Download	<b>Proposal for rain water harvesting/ recharge within the premises as per Model Building Bye Laws issued by Ministry of Housing &amp; Urban Affairs</b>	Download
<b>Impact Assessment report: All projects extracting/proposing to extract ground water in excess of 100 m3/day in Notified and non-notified areas shall have to mandatorily submit impact assessment report of existing/ proposed ground water withdrawal on the ground water regime and also socio-economic impacts report prepared by accredited consultants. Pro-forma for the report is given in Annexure-1.</b>	Download		
<b>Does industry come under MSME ?</b> क्या उद्योग MSME के अंतर्गत आता है ?	No		

### Declaration by the Applicant आवेदक द्वारा उद्घोषणा

I do hereby declare that the particulars furnished herein above are correct and true. I understand that in case any of the information and particulars is found to be incorrect at any stage of scrutiny and investigation or thereafter, my application/registration is liable to be rejected/cancelled. मैं एतद्वारा घोषित करता हूँ कि ऊपर दिये गए विवरण सही व सत्य हैं। मैं जानता हूँ कि यदि जांच पड़ताल के दौरान किसी भी स्तर पर उपरोक्त विवरण असत्य पाये गए तो मेरा आवेदन/रजिस्ट्रीकरण अस्वीकृत/निरस्त किए जाने योग्य होगा।

### I Agree/सहमत ☒

#### Note/नोट

- Separate application form should be used for registration of each individual well.
- The application form should be completed in all respect before submission. Incomplete applications are liable for rejection. Any correction or alteration shall be duly authenticated.
- In case any of the particulars/information is found to be incorrect at any stage of verification or scrutiny, the application is liable for rejection.
- In case any of the particulars/ information furnished is found to be incorrect at any stage even after issue of the AUTHORIZATION/ NO OBJECTION CERTIFICATE FOR SINKING OF NEW WELL, same shall be liable for cancellation.
- Please write 'N.A.' against those items which are not applicable.
- Please attach the following documents along with the application:
  - (a) Document showing proof of ownership of land;
  - (b) Photocopy of Aadhaar card / voter ID / ration card / any other proof of identification
  - (c) Map showing location of the proposed well, which have been referred to in item no.2(a), (b) and (c).
  - (d) Affidavit referred to in item no. 7(i) or 7(ii), as the case may be (if required)
- **Additional Documents to be submitted with the application**
- **(I) For Industrial User**
  - (a) An affidavit on non judicial stamp paper of Rs. 10/- regarding non availability of water supply from local government agencies in cases where ground water requirement is up to 10 cubic meter/day.
  - (b) Certificate regarding non/ partial availability of fresh water/ treated waste water supply from the concerned local government water supply agency in cases where requirement of ground water is more than 10 cubic meter/day.
  - (c) Ground water quality data of bore well/ tube well/ dug well in respect of existing industries from NABL accredited laboratories/Government approved laboratories.
  - (d) Proposal for rain water harvesting/ recharge within the premises as per Model Building Bye Laws issued by Ministry of Housing & Urban Affairs.
  - (e) Impact Assessment report: All projects extracting/proposing to extract ground water in excess of 100 m<sup>3</sup>/day in Notified and non-notified areas shall have to mandatorily submit impact assessment report of existing/ proposed ground water withdrawal on the ground water regime and also socio-economic impacts report prepared by accredited consultants. Pro-forma for the report is given in Annexure-1.
- **(II) For Commercial User**
  - (a) In cases where dewatering is involved, submission of impact assessment report prepared by a consultant on the ground water situation in the area giving detailed plan of pumping, proposed usage of pumped water and comprehensive impact assessment of the same on the ground water regime shall be mandatory. The report should highlight environmental risks and proposed management strategies to overcome any significant environmental issues such as ground water level decline, land subsidence etc.
  - (b) An affidavit on non judicial stamp paper of Rs. 10/- regarding non availability of water from any other source in case water is required for construction in safe and semi critical areas.
  - (c) Certificate from a government agency regarding non availability of treated sewage water for construction within 10 km radius of the site in notified areas.
  - (d) Certificate of non-availability of water from local government water supply agency in respect of all categories of assessments units for commercial use.
  - (e) Details of water requirement computed as per National Building Code, 2016 (Annexure I), taking into account recycling/ reuse of treated water for flushing etc. (in case of completed infrastructure projects for commercial use).
  - (f) Completion certificate from the concerned agency for infrastructure projects requiring water for commercial use.
- The District Ground Water Management Council reserves the right to ask for any other document(s) from the owner applicant for examination of the merit of the case.

FORMAT NO. ECO/QS/FORMAT/10

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM <sub>10</sub> ) µg/m <sup>3</sup>	IS:5182(Part-23)	2-1000	70.24	100
2.	Particulate Matter (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	IS:5182(Part-24)	2-100	30.52	60
3.	Sulphur Di-Oxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	IS:5182 (Part-2)	5-200	17.30	80
4.	Nitrogen Di-Oxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	IS:5182 (Part-6)	5-200	25.06	80

**Note-**

- End of Report---

**Verified By**

## Technical Manager

Authorized By

Quality Manager

**Ecomen Laboratories Pvt. Ltd.**  
Second Floor Hall, House No. 10  
Sector-H, Aliganj, Lucknow-226014



## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341		ULR No.	TC953922000004893F
			Test Report No.	ECO/LAB/AA/0380/4893/09/2022
			Issue Date of Test Report	24.09.2022
Type of Sample	Ambient Air Sample			
Sample Registration No.	380		Name of Location	Watch tower-3 BRU
Sampling Method	As per Reference Method		Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022		Time of Sample Collection	10.25 AM
Date of Sample Received	20.09.2022		Time of Sample Received	11.25 AM
Start Date of Analysis	20.09.2022		End Date of Analysis	24.09.2022
Weather Condition	Partially Cloudy		Sampling Duration	-
	Wind Direction: WNW			
Laboratory Environmental Condition	Temperature:	25 ± 2 °C	Sample ID Code	ECO/LAB/4893/09/2022
	Humidity:	71 %		
Details of Instrument used	Instrument ID	ECO/FDS/HO/04 and ECO/RDS/HO/04		
	Calibration due on	23.03.2023		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Carbon mono-oxides as CO(mg/m <sup>3</sup> )	IS:5182 (Part-10)	0.2-10	<0.20	02

**Statement of Conformity:** Analyzed parameters in above tested sample are within standard limit as per NAAQS Guidelines.

**Note-**

- 1.0 Test results relate to the items sampled & tested.
- 2.0 Test report shall not be reproduced except in full without approval of the laboratory.
- 3.0 The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341		ULR No.	TC953922000004891F
			Test Report No.	ECO/LAB/AA/0380/4891/09/2022
			Issue Date of Test Report	24.09.2022
Type of Sample	Ambient Air Sample			
Sample Registration No.	380		Name of Location	Watch tower-1 truck-yard side
Sampling Method	As per Reference Method		Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022		Time of Sample Collection	10:40 AM
Date of Sample Received	20.09.2022		Time of Sample Received	11.25 AM
Start Date of Analysis	20.09.2022		End Date of Analysis	24.09.2022
Weather Condition	Partially Cloudy		Sampling Duration	-
	Wind Direction: WNW			
Laboratory Environmental Condition	Temperature:	25 ± 2 °C	Sample ID Code	ECO/LAB/4891/09/2022
	Humidity:	71 %		
Details of Instrument used	Instrument ID	ECO/FDS/HO/04 and ECO/RDS/HO/04		
	Calibration due on	12.06.2023		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Carbon mono-oxides as CO(mg/m <sup>3</sup> )	IS:5182 (Part-10)	0.2-10	0.41	02

**Statement of Conformity:** Analyzed parameters in above tested sample are within standard limit as per NAAQS Guidelines.

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---End of Report---

Verified By

  
Technical Manager

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Quality Manager

**Ecomen Laboratories Pvt. Ltd.**  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

## TEST REPORT

			FORMAT NO. ECO/QS/FORMAT/10	
NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341		ULR No.	TC953922000004891F
			Test Report No.	ECO/LAB/AA/0380/4891/09/2022
			Issue Date of Test Report	24.09.2022
Type of Sample	Ambient Air Sample			
Sample Registration No.	380	Name of Location	Watch tower-1 truck-yard side	
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative	
Date of Sample Collection	19.09.2022	Time of Sample Collection	10:40 AM	
Date of Sample Received	20.09.2022	Time of Sample Received	11.25 AM	
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022	
Weather Condition	Partially Cloudy		Sampling Duration	-
	Wind Direction: WNW			
Laboratory Environmental Condition	Temperature:	25 ± 2 °C	Sample ID Code	ECO/LAB/4891/09/2022
	Humidity:	71 %		
Details of Instrument used	Instrument ID	ECO/FDS/HO/04 and ECO/RDS/HO/04		
	Calibration due on	12.06.2023		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM <sub>10</sub> ) µg/m <sup>3</sup>	IS:5182(Part-23)	2-1000	67.80	100
2.	Particulate Matter (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	IS:5182(Part-24)	2-100	28.94	60
3.	Sulphur Di-Oxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	IS:5182 (Part-2)	5-200	15.28	80
4.	Nitrogen Di-Oxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	IS:5182 (Part-6)	5-200	26.36	80

**Statement of Conformity:** Analyzed parameters in above tested sample are within standard limit as per NAAQS Guidelines.

**Note-**

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---End of Report---

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Second Floor Hall, House No. B-1/8,  
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An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

## TEST REPORT

		FORMAT NO. ECO/QS/FORMAT/10		
NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341		ULR No.	TC953922000004890F
			Test Report No.	ECO/LAB/AA/0380/4890/09/2022
			Issue Date of Test Report	24.09.2022
Type of Sample	Ambient Air Sample			
Sample Registration No.	380	Name of Location	Near Main Gate	
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative	
Date of Sample Collection	19.09.2022	Time of Sample Collection	10:10 AM	
Date of Sample Received	20.09.2022	Time of Sample Received	11.20 AM	
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022	
Weather Condition	Partially Cloudy		Sampling Duration	-
	Wind Direction: WNW			
Laboratory Environmental Condition	Temperature:	25 ± 2 °C	Sample ID Code	ECO/LAB/4890/09/2022
	Humidity:	71 %		
Details of Instrument used	Instrument ID	ECO/FDS/HO/73 and RDS/I2-E-2019		
	Calibration due on	01.06.2023		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM <sub>10</sub> ) µg/m <sup>3</sup>	IS:5182(Part-23)	2-1000	76.82	100
2.	Particulate Matter (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	IS:5182(Part-24)	2-100	32.40	60
3.	Sulphur Di-Oxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	IS:5182 (Part-2)	5-200	18.00	80
4.	Nitrogen Di-Oxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	IS:5182 (Part-6)	5-200	28.25	80

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per NAAQS Guidelines.

Note-

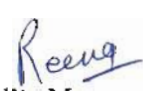
1. Test results relate to the items sampled & tested.
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Quality Manager

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Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

**TEST REPORT**

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341		ULR No.	TC953922000004890F
			Test Report No.	ECO/LAB/AA/0380/4890/09/2022
			Issue Date of Test Report	24.09.2022
Type of Sample	Ambient Air Sample			
Sample Registration No.	380		Name of Location	Near Main Gate
Sampling Method	As per Reference Method		Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022		Time of Sample Collection	10:10 AM
Date of Sample Received	20.09.2022		Time of Sample Received	11:20 AM
Start Date of Analysis	20.09.2022		End Date of Analysis	24.09.2022
Weather Condition	Partially Cloudy		Sampling Duration	-
	Wind Direction: WNW			
Laboratory Environmental Condition	Temperature:	25 ± 2 °C	Sample ID Code	ECO/LAB/4890/09/2022
	Humidity:	71 %		
Details of Instrument used	Instrument ID	ECO/FDS/HO/73 and RDS/12-E-2019		
	Calibration due on	01.06.2023		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Carbon mono-oxides as CO (mg/m <sup>3</sup> )	IS:5182(Part-10)	0.2-10	<0.20	02

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per NAAQS Guidelines.

Note-

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---End of Report---

Verified By

  
 Technical Manager

Authorized By

  
 Reeng  
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 Second Floor Hall, House No. B-1/8,  
 Sector-H, Aliganj, Lucknow-226024

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341		ULR No.	TC953922000004892F
			Test Report No.	ECO/LAB/AA/0380/4892/09/2022
			Issue Date of Test Report	24.09.2022
Type of Sample	Ambient Air Sample			
Sample Registration No.	380		Name of Location	Watch tower-2 hopper building side
Sampling Method	As per Reference Method		Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022		Time of Sample Collection	9.45 AM
Date of Sample Received	20.09.2022		Time of Sample Received	11.25 AM
Start Date of Analysis	20.09.2022		End Date of Analysis	24.09.2022
Weather Condition	Partially Cloudy		Sampling Duration	-
	Wind Direction: WNW			
Laboratory Environmental Condition	Temperature:	25 ± 2 °C	Sample ID Code	ECO/LAB/4892/09/2022
	Humidity:	71 %		
Details of Instrument used	Instrument ID	ECO/FDS/HO/04 and ECO/RDS/HO/04		
	Calibration due on	12.06.2023		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM <sub>10</sub> ) µg/m <sup>3</sup>	IS:5182(Part-23)	2-1000	64.60	100
2.	Particulate Matter (PM <sub>2.5</sub> ) µg/m <sup>3</sup>	IS:5182(Part-24)	2-100	25.20	60
3.	Sulphur Di-Oxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	IS:5182 (Part-2)	5-200	16.46	80
4.	Nitrogen Di-Oxide (NO <sub>2</sub> ) µg/m <sup>3</sup>	IS:5182 (Part-6)	5-200	22.84	80

**Statement of Conformity:** Analyzed parameters in above tested sample are within standard limit as per NAAQS Guidelines.

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---End of Report---

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Technical Manager

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Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024



**TEST REPORT**

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341		ULR No.	TC953922000004892P
			Test Report No.	ECO/LAB/AA/0380/4892/09/2022
			Issue Date of Test Report	24.09.2022
Type of Sample	Ambient Air Sample			
Sample Registration No.	380		Name of Location	Watch tower-2 hopper building side
Sampling Method	As per Reference Method		Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022		Time of Sample Collection	9.45 AM
Date of Sample Received	20.09.2022		Time of Sample Received	11.25 AM
Start Date of Analysis	20.09.2022		End Date of Analysis	24.09.2022
Weather Condition	Partially Cloudy		Sampling Duration	-
	Wind Direction: WNW			
Laboratory Environmental Condition	Temperature:	25 ± 2 °C	Sample ID Code	ECO/LAB/4892/09/2022
	Humidity:	71 %		
Details of Instrument used	Instrument ID	ECO/FDS/HO/04 and ECO/RDS/HO/04		
	Calibration due on	12.06.2023		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Carbon mono-oxides as CO(mg/m <sup>3</sup> )	IS:5182 (Part-10)	0.2-10	0.29	02

**Statement of Conformity:** Analyzed parameters in above tested sample are within standard limit as per NAAQS Guidelines.

**Note-**

- 1.0 Test results relate to the items sampled & tested.
- 2.0 Test report shall not be reproduced except in full without approval of the laboratory.
- 3.0 The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

Authorized By

  
Technical Manager

  
Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024



An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

**TEST REPORT**

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC 953922000004909F
		Test Report No.	ECOLAB/GW/0380/4909/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Ground Water		
Sample Registration No.	380	Name of Location	Bore well No.-2 Clinker Tippler side
Sampling Method	APHA	Sample Collected By	By Party
Date of Sample Collection	19.09.2022	Time of Sample Collection	11.30 AM
Date of Sample Received	20.09.2022	Time of Sample Received	11:40 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Laboratory	Temperature: 25 ± 2 °C	Sample Quantity	As per Requirement
Environmental Condition	Humidity: 63 %	Sample ID Code	ECO/LAB/1909/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	DETECTION RANGE	RESULT	INDIAN STANDARDS as per IS 10500:2012 (Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 23rd Ed. : 2017, 2120 B	5-100	<50	5	15
2.	Odour	-	APHA, 23rd Ed. : 2017, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 23rd Ed. : 2017, 2130-A+B	1-100	1.14	1	5
4.	Electrical conductivity	µs/cm	APHA, 23rd Ed. : 2017, 2510-A+B	2-2000	813.0	-	-
5.	pH	-	APHA, 23rd Ed. : 2017, 4500H+A+B	2 - 12	7.63	6.5-8.5	No Relax
6.	Total Suspended Solid as TSS	mg/l	APHA, 23rd Ed. : 2017, 2540D	5-5000	BDL	-	-
7.	Total Dissolved Solids as TDS	mg/l	APHA, 23rd Ed. : 2017, 2540-C	5 - 5000	521.0	500	2000
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2320 A+B	5-1500	180.0	200	600
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2340 A+C	5 - 1500	188.0	200	600
10.	Calcium as Ca	mg/l	APHA, 23rd Ed. : 2017, 3500 Ca A+B	5-1000	41.6	75	200
11.	Magnesium as Mg	mg/l	APHA, 23rd Ed. : 2017, 3500 Mg A+B	5-1000	20.41	30	100
12.	Sodium as Na	mg/l	APHA, 23rd Ed. : 2017, 3500 Na A+B	1-100	39.2	-	-
13.	Potassium as K	mg/l	APHA, 23rd Ed. : 2017, 3500 K A+B	1-100	1.21	-	-
14.	Chloride as Cl	mg/l	APHA, 23rd Ed. : 2017, 4500 Cl A+B	5-1000	34.0	250	1000
15.	Sulphate as SO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	1-250	43.1	200	400
16.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-NO <sub>3</sub> <sup>3-</sup> E	5-100	10.1	45	No Relax
17.	Fluoride as F	mg/l	APHA, 23rd Ed. : 2017, 4500-C	0.05-10	0.47	1	1.5
18.	Iron as Fe	mg/l	APHA, 23rd Ed. : 2017, 3500 Fe B	0.02-50	0.25	0.3	No Relax
19.	Copper as Cu	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-5	BDL	0.05	1.5
20.	Arsenic as As	mg/l	APHA, 23rd Ed. : 2017, 3114 C	0.01-2	BDL	0.01	0.05
21.	Manganese as Mn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.10-5	BDL	0.1	0.3
22.	Zinc as Zn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.02-50	0.09	5	15
23.	Total Chromium as T Cr	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-20	BDL	0.05	No Relax
24.	Aluminium as Al	mg/l	APHA, 23rd Ed. : 2017, 3500AlA+B	0.2-10	BDL	0.03	0.2
25.	Phosphate as PO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500P.D	0.5-10	BDL	-	-
26.	Sulphide	mg/l	APHA, 23rd Ed. : 2017, 4500-S <sub>2</sub> -F	0.05-10	BDL	0.05	No Relax
27.	Free Residual Chlorine as FRC	mg/l	APHA, 23rd Ed. : 2017, 4500-Cl B	0.500-10	BDL	0.2	1
28.	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH	mg/l	APHA, 23rd Ed. : 2017, 5530 A+C	0.05-10	BDL	0.001	0.005

Statement of Conformity: The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits.

Note-

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.
4. BDL-Below Detection Limit.

----End of Report----

Verified By

  
 Technical Manager

Authorized By

  
 Quality Manager  
**Ecomen Laboratories Pvt. Ltd.**  
 Second Floor Hall, House No. B-1/8,  
 Sector-H, Aliganj, Lucknow-226024



An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC 953922000004910F
		Test Report No.	ECOLAB/GW/0380/4910/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Ground Water		
Sample Registration No.	380	Name of Location	Bore well Ingotha Railway track side
Sampling Method	APHA	Sample Collected By	By Party
Date of Sample Collection	19.09.2022	Time of Sample Collection	11.30 AM
Date of Sample Received	20.09.2022	Time of Sample Received	11:40 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Laboratory	Temperature: 25 ± 2 °C	Sample Quantity	As per Requirement
Environmental Condition	Humidity: 63 %	Sample ID Code	ECO/LAB/4910/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	DETECTION RANGE	RESULT	INDIAN STANDARDS as per IS 10500:2012 (Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 23rd Ed.: 2017, 2120 B	5-100	<5.0	5	15
2.	Odour	-	APHA, 23rd Ed.: 2017, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 23rd Ed.: 2017, 2130-A+B	1-100	1.2	1	5
4.	Electrical conductivity	µs/cm	APHA, 23rd Ed.: 2017, 2510-A+B	2-2000	798.0	-	-
5.	pH	-	APHA, 23rd Ed.: 2017, 4500H-A+B	2-12	7.59	6.5-8.5	No Relax
6.	Total Suspended Solid as TSS	mg/l	APHA, 23rd Ed.: 2017, 2540D	5-5000	BDL	-	-
7.	Total Dissolved Solids as TDS	mg/l	APHA, 23rd Ed.: 2017, 2540-C	5-5000	508.0	500	2000
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed.: 2017, 2320 A+B	5-1500	176.0	200	600
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed.: 2017, 2340 A+C	5-1500	180.0	200	600
10.	Calcium as Ca	mg/l	APHA, 23rd Ed.: 2017, 3500 Ca A+B	5-1000	38.4	75	200
11.	Magnesium as Mg	mg/l	APHA, 23rd Ed.: 2017, 3500 Mg A+B	5-1000	20.41	30	100
12.	Sodium as Na	mg/l	APHA, 23rd Ed.: 2017, 3500 Na A+B	1-100	32.6	-	-
13.	Potassium as K	mg/l	APHA, 23rd Ed.: 2017, 3500 K A+B	1-100	1.03	-	-
14.	Chloride as Cl	mg/l	APHA, 23rd Ed.: 2017, 4500 Cl A+B	5-1000	30.0	250	1000
15.	Sulphate as SO <sub>4</sub>	mg/l	APHA, 23rd Ed.: 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	1-250	36.4	200	400
16.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	APHA, 23rd Ed.: 2017, 4500-NO <sub>3</sub> <sup>2-</sup> E	5-100	8.7	45	No Relax
17.	Fluoride as F	mg/l	APHA, 23rd Ed.: 2017, 4500-C	0.05-10	0.42	1	1.5
18.	Iron as Fe	mg/l	APHA, 23rd Ed.: 2017, 3500 Fe B	0.02-50	0.22	0.3	No Relax
19.	Copper as Cu	mg/l	APHA, 23rd Ed.: 2017, 3111 A+B	0.05-5	BDL	0.05	1.5
20.	Arsenic as As	mg/l	APHA, 23rd Ed.: 2017, 3114 C	0.01-2	BDL	0.01	0.05
21.	Manganese as Mn	mg/l	APHA, 23rd Ed.: 2017, 3111 A+B	0.10-5	BDL	0.1	0.3
22.	Zinc as Zn	mg/l	APHA, 23rd Ed.: 2017, 3111 A+B	0.02-50	0.11	5	15
23.	Total Chromium as T Cr	mg/l	APHA, 23rd Ed.: 2017, 3111 A+B	0.05-20	BDL	0.05	No Relax
24.	Aluminium as Al	mg/l	APHA, 23rd Ed.: 2017, 3500AlA+B	0.2-10	BDL	0.03	0.2
25.	Phosphate as PO <sub>4</sub>	mg/l	APHA, 23rd Ed.: 2017, 4500P,D	0.5-10	BDL	-	-
26.	Sulphide	mg/l	APHA, 23rd Ed.: 2017, 4500 S <sub>2</sub> -F	0.05-10	BDL	0.05	No Relax
27.	Free Residual Chlorine as FRC	mg/l	APHA, 23rd Ed.: 2017, 4500-Cl B	0.500-10	BDL	0.2	1
28.	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH	mg/l	APHA, 23rd Ed.: 2017, 5530 A+C	0.05-10	BDL	0.001	0.005

**Statement of Conformity:** The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits.

**Note-**

- Test results relate to the items sampled & tested.
- Test report shall not be reproduced except in full without approval of the laboratory.
- The test samples will be disposed of after one Month from the date of issue of test report.
- BDL-Below Detection Limit.

---End of Report---

Verified By

Technical Manager

Authorized By

Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/119

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC 95392200004911F
		Test Report No.	ECOLAB/GW/0380/4911/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Ground Water		
Sample Registration No.	380	Name of Location	Bore well Ingotha Highway track side
Sampling Method	APHA	Sample Collected By	By Party
Date of Sample Collection	19.09.2022	Time of Sample Collection	11:30 AM
Date of Sample Received	20.09.2022	Time of Sample Received	11:40 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Laboratory	Temperature: 25 ± 2 °C	Sample Quantity	As per Requirement
Environmental Condition	Humidity: 63 %	Sample ID Code	ECO/LAB/4911/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	DETECTION RANGE	RESULT	INDIAN STANDARDS as per IS 10500:2012 (Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 23rd Ed. : 2017, 2120 B	5-100	<5.0	5	15
2.	Odour	-	APHA, 23rd Ed. : 2017, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 23rd Ed. : 2017, 2130-A+B	1-100	1.5	1	5
4.	Electrical conductivity	µs/cm	APHA, 23rd Ed. : 2017, 2510-A+B	2-2000	913.0	-	-
5.	pH	-	APHA, 23rd Ed. : 2017, 4500H+A+B	2 - 12	7.80	6.5-8.5	No Relax.
6.	Total Suspended Solid as TSS	mg/l	APHA, 23rd Ed. : 2017, 2540D	5-5000	BDL	-	-
7.	Total Dissolved Solids as TDS	mg/l	APHA, 23rd Ed. : 2017, 2540-C	5 - 5000	578.0	500	2000
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2320 A+B	5-1500	196.0	200	600
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2340 A+C	5 - 1500	208.0	200	600
10.	Calcium as Ca	mg/l	APHA, 23rd Ed. : 2017, 3500 Ca A+B	5 - 1000	44.8	75	200
11.	Magnesium as Mg	mg/l	APHA, 23rd Ed. : 2017, 3500 Mg A+B	5 - 1000	23.32	30	100
12.	Sodium as Na	mg/l	APHA, 23rd Ed. : 2017, 3500 Na A+B	1-100	47.9	-	-
13.	Potassium as K	mg/l	APHA, 23rd Ed. : 2017, 3500 K A+B	1-100	1.56	-	-
14.	Chloride as Cl	mg/l	APHA, 23rd Ed. : 2017, 4500 Cl A+B	5 - 1000	42.0	250	1000
15.	Sulphate as SO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	1 - 250	49.7	200	100
16.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-NO <sub>3</sub> <sup>2-</sup> E	5 - 100	8.3	45	No Relax.
17.	Fluoride as F	mg/l	APHA, 23rd Ed. : 2017, 4500-C	0.05-10	0.49	1	1.5
18.	Iron as Fe	mg/l	APHA, 23rd Ed. : 2017, 3500 Fe B	0.02-50	0.20	0.3	No Relax.
19.	Copper as Cu	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-5	BDL	0.05	1.5
20.	Arsenic as As	mg/l	APHA, 23rd Ed. : 2017, 3114 C	0.01-2	BDL	0.01	0.05
21.	Manganese as Mn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.10-5	BDL	0.1	0.3
22.	Zinc as Zn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.02-50	0.13	5	15
23.	Total Chromium as T Cr	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-20	BDL	0.05	No Relax.
24.	Aluminium as Al	mg/l	APHA, 23rd Ed. : 2017, 3500AlA+B	0.2-10	BDL	0.05	0.2
25.	Phosphate as PO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500P,D	0.5-10	BDL	-	-
26.	Sulphide	mg/l	APHA, 23rd Ed. : 2017, 4500 S <sub>2</sub> -F	0.05-10	BDL	0.05	No Relax.
27.	Free Residual Chlorine as FRC	mg/l	APHA, 23rd Ed. : 2017, 4500-Cl B	0.500-10	BDL	0.2	1
28.	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH	mg/l	APHA, 23rd Ed. : 2017, 5530 A+C	0.05 - 10	BDL	0.001	0.005

Statement of Conformity: The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits.

Note-

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.
4. BDL-Below Detection Limit.

---End of Report---

Verified By

*Ahmad Khan*  
Technical Manager

Authorized By

*Reany*  
Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024



An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC 953922000004908F
		Test Report No.	ECOLAB/GW/0380/4908/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Ground Water	Name of Location	Bore well No.-1 opposite to WTP
Sample Registration No.	380	Sample Collected By	By Party
Sampling Method	APHA	Time of Sample Collection	11.30 AM
Date of Sample Collection	19.09.2022	Time of Sample Received	11.40 AM
Date of Sample Received	20.09.2022	End Date of Analysis	24.09.2022
Start Date of Analysis	20.09.2022	Sample Quantity	As per Requirement
Laboratory Environmental Condition	Temperature: 25 ± 2 °C Humidity: 63 %	Sample ID Code	ECO/LAB/4908/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	DETECTION RANGE	RESULT	INDIAN STANDARDS as per IS 10500:2012 (Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 23rd Ed. : 2017, 2120 B	5-100	<50	5	15
2.	Odour	-	APHA, 23rd Ed. : 2017, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 23rd Ed. : 2017, 2130-A+B	1-100	1.02	1	5
4.	Electrical conductivity	µs/cm	APHA, 23rd Ed. : 2017, 2510-A+B	2-2000	961.0	-	-
5.	pH	-	APHA, 23rd Ed. : 2017, 4500H-A+B	2 - 12	7.76	6.5-8.5	No Relax.
6.	Total Suspended Solid as TSS	mg/l	APHA, 23rd Ed. : 2017, 2540D	5-5000	BDL	-	-
7.	Total Dissolved Solids as TDS	mg/l	APHA, 23rd Ed. : 2017, 2540-C	5 - 5000	564.0	500	2000
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2320 A+B	5-1500	188.0	200	600
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2340 A+C	5 - 1500	196.0	200	600
10.	Calcium as Ca	mg/l	APHA, 23rd Ed. : 2017, 3500 Ca A+B	5-1000	43.2	75	200
11.	Magnesium as Mg	mg/l	APHA, 23rd Ed. : 2017, 3500 Mg A+B	5-1000	21.38	30	100
12.	Sodium as Na	mg/l	APHA, 23rd Ed. : 2017, 3500 Na A+B	1-100	34.4	-	-
13.	Potassium as K	mg/l	APHA, 23rd Ed. : 2017, 3500 K A+B	1-100	1.65	-	-
14.	Chloride as Cl	mg/l	APHA, 23rd Ed. : 2017, 4500 Cl A+B	5-1000	40.0	250	1000
15.	Sulphate as SO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	1-250	46.4	200	400
16.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-NO <sub>3</sub> <sup>2-</sup> E	5-100	10.1	45	No Relax.
17.	Fluoride as F	mg/l	APHA, 23rd Ed. : 2017, 4500-C	0.05-10	0.34	1	1.5
18.	Iron as Fe	mg/l	APHA, 23rd Ed. : 2017, 3500 Fe B	0.02-50	0.21	0.3	No Relax.
19.	Copper as Cu	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-5	BDL	0.05	1.5
20.	Arsenic as As	mg/l	APHA, 23rd Ed. : 2017, 3114 C	0.01-2	BDL	0.01	0.05
21.	Manganese as Mn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.10-5	BDL	0.1	0.3
22.	Zinc as Zn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.02-50	0.12	5	15
23.	Total Chromium as T Cr	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-20	BDL	0.05	No Relax.
24.	Aluminium as Al	mg/l	APHA, 23rd Ed. : 2017, 3500AlA+B	0.2-10	BDL	0.03	0.2
25.	Phosphate as PO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500P,D	0.5-10	BDL	-	-
26.	Sulphide	mg/l	APHA, 23rd Ed. : 2017, 4500 S <sub>2</sub> -F	0.05-10	BDL	0.05	No Relax.
27.	Free Residual Chlorine as FRC	mg/l	APHA, 23rd Ed. : 2017, 4500-Cl B	0.500-10	BDL	0.2	1
28.	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH	mg/l	APHA, 23rd Ed. : 2017, 5530 A+C	0.05-10	BDL	0.001	0.005

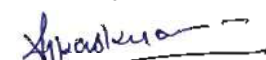
**Statement of Conformity:** The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits.

**Note-**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.
4. **BDL**-Below Detection Limit.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC 953922000004912F
		Test Report No.	ECOLAB/DW/0380/4912/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Ground Water		
Sample Registration No.	380	Name of Location	Project Side
Sampling Method	APHA	Sample Collected By	By Party
Date of Sample Collection	19.09.2022	Time of Sample Collection	11.30 AM
Date of Sample Received	20.09.2022	Time of Sample Received	11.40 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Laboratory	Temperature: 25 ± 2 °C	Sample Quantity	As per Requirement
Environmental Condition	Humidity: 63 %	Sample ID Code	ECO/LAB/4912/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	DETECTION RANGE	RESULT	INDIAN STANDARDS as per IS 10500:2012 (Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 23rd Ed. : 2017, 2120 B	5-100	<5.0	5	15
2.	Odour	-	APHA, 23rd Ed. : 2017, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 23rd Ed. : 2017, 2130-A+B	1-100	BDL	1	5
4.	Electrical conductivity	µs/cm	APHA, 23rd Ed. : 2017, 2510-A+B	2-2000	1870	-	-
5.	pH	-	APHA, 23rd Ed. : 2017, 4500H+A+B	2 - 12	6.87	6.5-8.5	No Relax
6.	Total Suspended Solid as TSS	mg/l	APHA, 23rd Ed. : 2017, 2540D	5-5000	BDL	-	-
7.	Total Dissolved Solids as TDS	mg/l	APHA, 23rd Ed. : 2017, 2540-C	5 - 5000	146.0	500	2000
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2320 A+B	5-1500	52.0	200	600
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2340 A+C	5 - 1500	64.0	200	600
10.	Calcium as Ca	mg/l	APHA, 23rd Ed. : 2017, 3500 Ca A+B	5-1000	11.2	75	200
11.	Magnesium as Mg	mg/l	APHA, 23rd Ed. : 2017, 3500 Mg A+B	5-1000	8.74	30	100
12.	Sodium as Na	mg/l	APHA, 23rd Ed. : 2017, 3500 Na A+B	1-100	7.1	-	-
13.	Potassium as K	mg/l	APHA, 23rd Ed. : 2017, 3500 K A+B	1-100	BDL	-	-
14.	Chloride as Cl	mg/l	APHA, 23rd Ed. : 2017, 4500 Cl A+B	5-1000	10.0	250	1000
15.	Sulphate as SO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	1-250	8.2	200	400
16.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-NO <sub>3</sub> <sup>2-</sup> E	5-100	BDL	45	No Relax
17.	Fluoride as F	mg/l	APHA, 23rd Ed. : 2017, 4500-C	0.05-10	0.07	1	1.5
18.	Iron as Fe	mg/l	APHA, 23rd Ed. : 2017, 3500 Fe B	0.02-50	0.11	0.3	No Relax
19.	Copper as Cu	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-5	BDL	0.05	1.5
20.	Arsenic as As	mg/l	APHA, 23rd Ed. : 2017, 3114 C	0.01-2	BDL	0.01	0.05
21.	Manganese as Mn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.10-5	BDL	0.1	0.3
22.	Zinc as Zn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.02-50	BDL	5	15
23.	Total Chromium as T Cr	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-20	BDL	0.05	No Relax
24.	Aluminium as Al	mg/l	APHA, 23rd Ed. : 2017, 3500 Al A+B	0.2-10	BDL	0.03	0.2
25.	Phosphate as PO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500P,D	0.5-10	BDL	-	-
26.	Sulphide	mg/l	APHA, 23rd Ed. : 2017, 4500 S <sub>2</sub> -F	0.05-10	BDL	0.05	No Relax
27.	Free Residual Chlorine as FRC	mg/l	APHA, 23rd Ed. : 2017, 4500-ClB	0.500-10	BDL	0.2	1
28.	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH	mg/l	APHA, 23rd Ed. : 2017, 5530 A+C	0.05-10	BDL	0.001	0.005

**Statement of Conformity:** The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits.

Note-

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.
4. BDL-Below Detection Limit.

----End of Report----

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024



## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC 953922000004913F
		Test Report No.	ECOLAB/DW/0380/4913/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Drinking Water		
Sample Registration No.	380	Name of Location	CCR
Sampling Method	APHA	Sample Collected By	By Party
Date of Sample Collection	19.09.2022	Time of Sample Collection	11.30 AM
Date of Sample Received	20.09.2022	Time of Sample Received	11:40 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Laboratory	Temperature: 25 ± 2 °C	Sample Quantity	As per Requirement
Environmental Condition	Humidity: 63 %	Sample ID Code	ECO/LAB/4913/09/2022

Sl. No.	TESTS	Unit	PROTOCOL	DETECTION RANGE	RESULT	INDIAN STANDARDS as per IS 10500:2012 (Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 23rd Ed. : 2017, 2120 B	5-100	<5.0	5	15
2.	Odour	-	APHA, 23rd Ed. : 2017, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 23rd Ed. : 2017, 2130-A+B	1-100	BDL	1	5
4.	Electrical conductivity	µs/cm	APHA, 23rd Ed. : 2017, 2510-A+B	2-2000	162.0	-	-
5.	pH	-	APHA, 23rd Ed. : 2017, 4500H-A+B	2 - 12	6.92	6.5-8.5	No Relax
6.	Total Suspended Solid as TSS	mg/l	APHA, 23rd Ed. : 2017, 2540D	5-5000	BDL	-	-
7.	Total Dissolved Solids as TDS	mg/l	APHA, 23rd Ed. : 2017, 2540-C	5 - 5000	123.0	500	2000
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2320 A+B	5-1500	48.0	200	600
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 2340 A+C	5 - 1500	56.0	200	600
10.	Calcium as Ca	mg/l	APHA, 23rd Ed. : 2017, 3500 Ca A+B	5 - 1000	12.8	75	200
11.	Magnesium as Mg	mg/l	APHA, 23rd Ed. : 2017, 3500 Mg A+B	5 - 1000	5.83	30	100
12.	Sodium as Na	mg/l	APHA, 23rd Ed. : 2017, 3500 Na A+B	1-100	62	-	-
13.	Potassium as K	mg/l	APHA, 23rd Ed. : 2017, 3500 K A+B	1-100	BDL	-	-
14.	Chloride as Cl	mg/l	APHA, 23rd Ed. : 2017, 4500 Cl A+B	5 - 1000	8.0	250	1000
15.	Sulphate as SO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-SO <sub>4</sub> <sup>2-</sup> E	1-250	7.2	200	400
16.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500-NO <sub>3</sub> <sup>-</sup> E	5 - 100	BDL	45	No Relax
17.	Fluoride as F	mg/l	APHA, 23rd Ed. : 2017, 4500-C	0.05-10	0.03	1	15
18.	Iron as Fe	mg/l	APHA, 23rd Ed. : 2017, 3500 Fe B	0.02-50	0.09	0.3	No Relax
19.	Copper as Cu	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-5	BDL	0.05	1.5
20.	Arsenic as As	mg/l	APHA, 23rd Ed. : 2017, 3114 C	0.01-2	BDL	0.01	0.05
21.	Manganese as Mn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.10-5	BDL	0.1	0.3
22.	Zinc as Zn	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.02-50	BDL	5	15
23.	Total Chromium as T Cr	mg/l	APHA, 23rd Ed. : 2017, 3111 A+B	0.05-20	BDL	0.05	No Relax
24.	Aluminium as Al	mg/l	APHA, 23rd Ed. : 2017, 3500AlA+B	0.2-10	BDL	0.03	0.2
25.	Phosphate as PO <sub>4</sub>	mg/l	APHA, 23rd Ed. : 2017, 4500P,D	0.5-10	BDL	-	-
26.	Sulphide	mg/l	APHA, 23rd Ed. : 2017, 4500 S <sub>2</sub> -F	0.05-10	BDL	0.05	No Relax
27.	Free Residual Chlorine as FRC	mg/l	APHA, 23rd Ed. : 2017, 4500-Cl B	0.500-10	BDL	0.2	1
28.	Phenolic Compound as C <sub>6</sub> H <sub>5</sub> OH	mg/l	APHA, 23rd Ed. : 2017, 5530 A+C	0.05 - 10	BDL	0.001	0.005

**Statement of Conformity:** The above tested parameters confirm as per IS-10500-2012 (Reaff. -2018) limits.

**Note-**

- Test results relate to the items sampled & tested.
- Test report shall not be reproduced except in full without approval of the laboratory.
- The test samples will be disposed of after one Month from the date of issue of test report.
- BDL-Below Detection Limit.

----End of Report----

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

### TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004898P
		Test Report No.	ECO/LAB/N/380/4898/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Near Cement Mill
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4898/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Near Cement Mill	76.20	56.00	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004899P
		Test Report No.	ECO/LAB/N/380/4899/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Near Packing Plant
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4899/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Near Packing Area	62.40	43.00	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager



## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004900P
		Test Report No.	ECO/LAB/N/380/4900/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Near Hopper Building
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4900/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Near Hopper Building	71.26	51.50	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024



## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004901P
		Test Report No.	ECO/LAB/N/380/4901/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Near Clinker Tippler
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4901/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Near Clinker Tippler	83.40	60.20	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

----End of Report----

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt. Ltd.  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004902P
		Test Report No.	ECO/LAB/N/380/4902/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Additive Shed
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4902/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Additive Shed	61.70	45.20	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories  
Second Floor Hall, House  
Sector-H, Aliganj, Lucknow-226024

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004903P
		Test Report No.	ECO/LAB/N/380/4903/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Near CCR
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4903/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Near CCR	67.53	48.70	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**


1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt.  
Second Floor Hall, House No.  
Sector-H, Aliganj, Lucknow-226024

## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004904P
		Test Report No.	ECO/LAB/N/380/4904/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Watch Topwer-I Truck Yard Side
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4904/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Watch Topwer-I Truck Yard Side	65.90	43.17	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories Pvt Ltd  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024



## TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004905P
		Test Report No.	ECO/LAB/N/380/4905/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Watch Topwear-2 Hopper Building Side
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4905/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Watch Topwear-2 Hopper Building Side	58.40	42.20	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager  
Ecomen Laboratories  
Second Floor Hall, House  
Sector-H, Aliganj, Lucknow

**TEST REPORT**

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004906P
		Test Report No.	ECO/LAB/N/380/4906/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Watch Topwear-3 BRU Side
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4906/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Watch Topwear-3 BRU Side	70.56	52.60	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

  
Quality Manager

**Ecomen Laboratories Pvt. Ltd.**  
Second Floor Hall, House No. B-1/8,  
Sector-H, Aliganj, Lucknow-226024

**TEST REPORT**

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s Jaykaycem Central Works Hamirpur, Village: Ingotha, Pargana: Sumerpur, Distt. Hamirpur, Hamirpur (U.P) 210 341	ULR No.	TC953922000004907P
		Test Report No.	ECO/LAB/N/380/4907/09/2022
		Issue Date of Test Report	24.09.2022
Type of Sample	Noise Measurement		
Sample Registration No.	380	Name of Location	Near Switchyard
Sampling Method	IS 9989:1981, RA 2014	Sample Collected By	ELPL Representative
Date of Sample Collection	19.09.2022	Time of Sample Collection	-
Date of Sample Receipt	20.09.2022	Time of Sample Receipt	10.30 AM
Start Date of Analysis	20.09.2022	End Date of Analysis	24.09.2022
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/4907/09/2022
	Humidity: 71 %		
Instrument Name & Lab ID	Sound Level Meter	ECO/LSM 109/02 cal. due on 01.06.2023	

S. No.	Location Name	Noise Level dB (A)		Reference Method
		Day Time	Night Time	
1.	Near Switchyard	66.42	47.98	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time	Night Time
Industrial Area	90	85

**Statement of Conformity:** Noise Level is meeting requirements as per CPCB Guidelines

**Note:**

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

  
Technical Manager

Authorized By

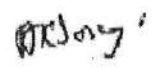
  
Quality Manager  
Ecomen Laboratories Pvt.  
Second Floor Hall, House  
Sector-H, Aliganj, Lucknow - 226 024



**JAYKAYCEM (CENTRAL) LIMITED****CORPORATE ENVIRONMENT POLICY**

“Jaykaycem (Central) Limited” is an energy and environmental conscious organization. Our environment policy is representation of Company’s vision towards sustainable Development and green business ambitions to make net positive contributions to People, Planet and Stakeholders-and compliance of all applicable environmental laws. We are committed to ensure continuous improvement of environmental performance through:

1. Optimum and sustainable extraction & utilization of natural resources.
2. Conducting all the activities & operation of the company in accordance with all applicable environmental laws, regulations and applicable codes of standards.
3. Implementation of state of the art technology to minimize the impact on environment.
4. Continuous efforts to reduce the GHG emission by use of AFR & agro waste, use of green power (RE and waste heat recovery systems), use of alternative blending materials in cement, energy efficiency measures and implementation of feasible innovative technologies.
5. Continuous efforts to minimize the fresh water utilization via rain water harvesting, recycling & reuse of waste water and contributing towards water positivity and neutrality.
6. Implementation of environmental management plan to minimize or prevent the release of pollutants to the environment (air, water, and soil) by our operations and compliance of applicable environmental legislations.
7. Greenbelt development for improvement in local bio-diversity and conservation through association with local communities, authorities and other stakeholders.
8. Involving the Employees, Suppliers, Vendors, Customers, Clients and other Business Associates to promote awareness among them for their responsibility to achieve our sustainable Goals.
9. Creating awareness among all stakeholders including employees, customers, vendors and supplier for environmental issues as well as compliance of relevant environmental legislation.
10. Reporting of compliances, non-compliances and violations of environmental norms to the concerned authority and also to our stakeholders with measures to address such non-compliance on priority.

**For Jaykaycem (Central) Ltd.****Date:** 25<sup>th</sup> May 2021  
**Ajay Kumar Saraogi**  
**Managing Director****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





## ENVIRONMENT MANAGEMENT SYSTEM

### 1. LEGAL & OTHER REQUIREMENTS

- a) IMS certification and establishment a procedure to identify, access and update legal and other requirements that are applicable to the environmental aspects / impacts. The list of legal and other requirements applicable to our operations are maintained separately and are communicated to our stakeholders. Main legal requirements are as follows:

- Environmental, Forest and Wildlife acts & rules
- Mines acts & rules
- Factory acts & rules
- Boiler acts & rules

### 2. OPERATIONAL CONTROL PROCEDURES

- a) We have identified our operations and activities that are associated with Environmental aspects and OHS risks in line with our Environmental Policy.

- We have established and maintained SOP's to check out the deviations from Environment Management System.
- We have maintained rule and regulation register comply with legal and other requirement.
- We ensure to review control measures and SOP's on regular intervals, effectiveness of system checked by IMS audit and necessary implement.

- b) Relevant Operation Control Measures

- Limestone mines operation- Wet drilling, controlled blasting, maintenance of HEMM, dry fog system at crusher, maintenance and water spray on haul roads etc.
- Clinkerization- Covered storage of raw materials & fuel, Silos for storage of clinker and cement, use of high efficient pollution control measures such as ESP, Bag house, bag filters at all transfer points, coved conveyors, De-NOx system, concreting roads and movement area, vacuum sweeping, etc.
- AFR/Plastic Waste Handling System: "State of the Art", fully automated co-processing facilities for receiving, pre-processing, shredding and feeding system of all types of waste materials such as plastic waste, Agro waste, FMCG waste, RDF/SCF/MSW, industrial solid waste mix and liquid waste mix etc.
- Cement Grinding & Packing- Bag Filters at all transfer points, storage of fly ash in silo and pneumatic Fly ash handling, automatic bag filing machines, use of tarpaulin to each truck and wagon and vacuum sweeping machine.
- Utility operation- Management of waste/used oil, oily wastes and management by 100% recycling/ sold to authorized recycler in process to maintain ZLD and treatment of domestic sewage water in STP to use for plantation and process.

# Jaykaycem (Central) Ltd.

(CIN: U72305UP1987PLC009162)

(Wholly Owned Subsidiary of **JK Cement LTD.**)

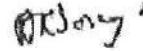
Phone : +91-512-2371478 to 81  
Fax (Office) : +91-512-2399854  
Telefax : +91-512-2332665  
E-mail : prabhat.srivastava@jkcement.com

Registered Office :  
Kamla Tower, Kanpur-208 001 (U.P.) INDIA

- General- Dust control by good housekeeping & maintenance, use of dust extraction and recycling systems to remove dust from work areas, contractor activities and task observations. Use of proper personal protective equipment (PPE).
- Plantation in the project area, colony, Quarry and nearby area with native species.

Date: 25<sup>th</sup> May 2021

For Jaykaycem (Central) Ltd.



**Ajay Kumar Saraogi**  
Managing Director

**Sites:**

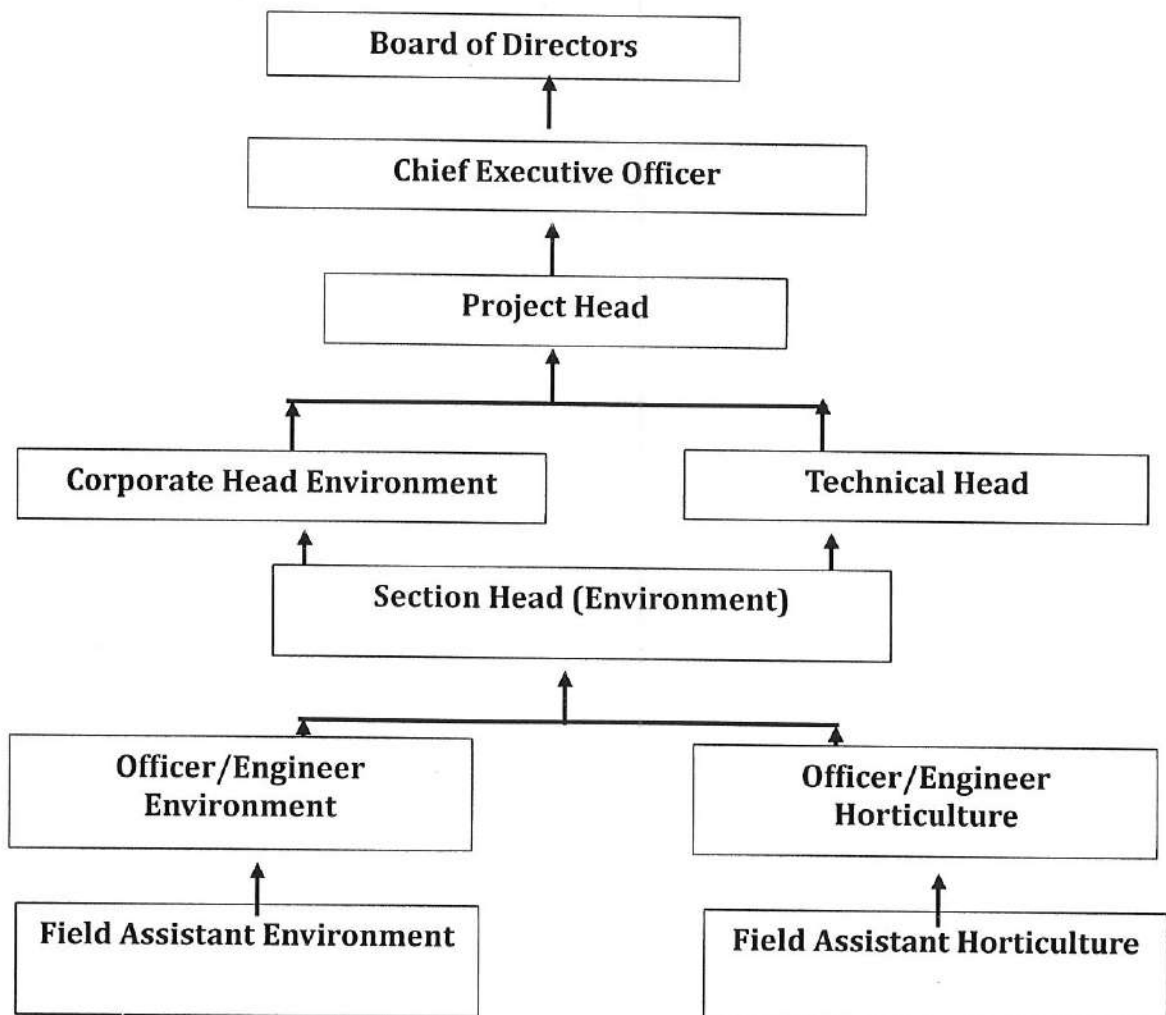
Villages : Kakra, Kamtana, Judi, Saptai, Devri-Purohit, Devra, Tehsil – Amanganj, District – Panna, M.P. INDIA.

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

### 3. ROLES & RESPONSIBILITIES FOR EMS

Roles and responsibilities of various personnel, who manage, perform and verify the activities and their impacts on environment and/or OH&S have been defined by the top management as per hierarchy or administrative order by board of directors.

The below organizational structure Management Cell is responsible for any non-compliance/ infringement/ deviation/ violation of the environmental or forest norms under the supervision of Board of Directors.



For Jaykaycem (Central) Ltd.

Date: 25<sup>th</sup> May 2021

  
Ajay Kumar Saraogi  
Managing Director



**Advertisement in 02 Local News Papers for Environment Clearance of**

**जनसंदेश तहसील**

लखनऊ, शनिवार, 2 अक्टूबर 2021

**हमीरपुर, औरैया**

**पर्यावरण अनुमति के संबंध में आम सूचना**

पर्यावरण वन और जलवायु परिवर्तन मंत्रालय (एमओईएफसीसी) भारत सरकार नई दिल्ली की ईआईए अधिसूचना-2006 के अधीन मेसर्स जेकेसेम (सेंट्रल) वर्क्स (जेकेसेम (सेंट्रल) लिमिटेड) की सीमेंट ग्राइंडिंग यूनिट, ग्राम : इन्गोथा, तहसील व जिला : हमीरपुर (उत्तर प्रदेश) क्षमता : 2.0 मिलियन टन प्रतिवर्ष व डीजी.सेट क्षमता : 1250 केवीए (01 नग) एवं 125 केवीए (01 नग) की प्रस्तावित परियोजना के लिये एस.ई.ए.सी./एस.ई.आई.ए.ए., उत्तर प्रदेश के द्वारा पर्यावरण की अनुमति प्रदान की गयी है। यह विज्ञापन आम जनता के सूचनार्थ है।

पर्यावरण अनुमति पत्र क्रमांक-202/Parya/SEIAA/6109/2021, दिनांक-29/09/2021 की उत्तर प्रदेश प्रदूषण नियंत्रण मंडल, लखनऊ (उत्तर प्रदेश), और <https://parivesh.nic.in> के एम.ओ.ई.एफ.सी.सी की वेबसाइट पर भी उपलब्ध है।

अधिकृत हस्ताक्षरकर्ता - मेसर्स जेकेसेम (सेंट्रल) वर्क्स,  
ग्राम : इन्गोथा, तहसील व जिला : हमीरपुर (उत्तर प्रदेश)

**दैनिक विश्व परिवार**

झाँसी : शनिवार  
2 अक्टूबर, 2021

**उरई/हमीरपुर**

**पर्यावरण अनुमति के संबंध में आम सूचना**

पर्यावरण वन और जलवायु परिवर्तन मंत्रालय (एम.ओ.ई.एफ.सी.सी.) भारत सरकार नई दिल्ली की ई.आई.ए. अधिसूचना-2006 के अधीन मेसर्स जेकेसेम (सेंट्रल) वर्क्स (जेकेसेम (सेंट्रल) लिमिटेड) की सीमेंट ग्राइंडिंग यूनिट, ग्राम : इन्गोथा, तहसील व जिला : हमीरपुर (उत्तर प्रदेश) क्षमता : 2.0 मिलियन टन प्रतिवर्ष व डी.जी. सेट क्षमता : 1250 के.वी. ए (01 नग) एवं 125 के.वी.ए (01 नग) की प्रस्तावित परियोजना के लिये एस.ई.ए.सी./एस.ई.आई.ए.ए. उत्तर प्रदेश के द्वारा पर्यावरण की अनुमति प्रदान की गयी है। यह विज्ञापन आम जनता के सूचनार्थ है।

पर्यावरण स्वीकृति पत्र क्रमांक-202/Parya/SEIAA/6109/2021, दिनांक-29/09/2021 की उत्तर प्रदेश प्रदूषण नियंत्रण मंडल, लखनऊ (उत्तर प्रदेश), और <https://parivesh.nic.in> के एम.ओ.ई.एफ.सी.सी की वेबसाइट पर भी उपलब्ध है।

अधिकृत हस्ताक्षरकर्ता  
मेसर्स जेकेसेम (सेंट्रल) वर्क्स,  
ग्राम : इन्गोथा, तहसील व  
जिला : हमीरपुर ( उत्तर प्रदेश )





# Jaykaycem (Central) Ltd.

(CIN: U72305UP1987PLC009162)

(Wholly Owned Subsidiary of JK Cement LTD.)

Phone : +91-512-2371478 to 81  
Fax (Office) : +91-512-2399854  
Telefax : +91-512-2332665  
E-mail : prabhat.srivastava@jkcement.com

Registered Office :  
Kamla Tower, Kanpur-208 001 (U.P.) INDIA

Ref. No.: HM/EMD/MoEF/F 01/007

Dated: 30.09.2021

प्रति

क्लेक्टर महोदय,  
जिला- हमीरपुर (उत्तर प्रदेश)

*1-10-21*

विषय- पर्यावरण अनुमति सूचना- पर्यावरण वन और जलवायु परिवर्तन मंत्रालय (एम.ओ.ई.एफ. सी.सी.) भारत सरकार नई दिल्ली की ई.आई.ए. अधिसूचना -2006 के अधीन मैसर्स जेकेसेम (सेंट्रल) वर्क्स [जेकेसेम (सेंट्रल) लिमिटेड] की सीमेंट ग्राइंडिंग यूनिट, ग्राम: इन्गोथा, तहसील व जिला : हमीरपुर (उत्तर प्रदेश) क्षमता : 2.0 मिलियन टन प्रतिवर्ष व डी.जी. सेट क्षमता : 1250 के.वी.ए (01 नग) व डी.जी. सेट क्षमता : 125 के.वी.ए (01 नग)।

सन्दर्भ - पर्यावरण स्वीकृति पत्र क्रमांक - 202/ Parya/6109/SEIAA/2021, दिनांक - 29/09/2021.

महोदय,

आपको सूचित किया जाता है कि पर्यावरण वन और जलवायु परिवर्तन मंत्रालय (एम.ओ.ई.एफ. सी.सी.) भारत सरकार नई दिल्ली की ई.आई.ए. अधिसूचना-2006 के अधीन मैसर्स जेकेसेम (सेंट्रल) वर्क्स [जेकेसेम (सेंट्रल) लिमिटेड] की सीमेंट ग्राइंडिंग यूनिट, ग्राम : इन्गोथा, तहसील व जिला : हमीरपुर (उत्तर प्रदेश) क्षमता : 2.0 मिलियन टन प्रतिवर्ष व डी.जी. सेट क्षमता : 1250 के.वी.ए. (01 नग) एवं 125 के.वी.ए. (01 नग) की प्रस्तावित परियोजना के लिए एस.ई. ए.सी./एस.ई.आई.ए.ए. (उत्तर प्रदेश) के द्वारा पर्यावरण अनुमति प्रदान की गई है।

वास्ते मैसर्स जेकेसेम (सेंट्रल) वर्क्स हमीरपुर

*R. Mah*

महाप्रबन्धक, अधिकृत हस्ताक्षरकर्ता

संलग्नक- पर्यावरण स्वीकृति पत्र क्रमांक 202/ Parya/6109/SEIAA/2021, दिनांक - 29/09/2021.

प्रतिलिपि-

1. सरपंच/सचिव ग्राम पंचायत, इन्गोथा, तहसील व जिला : हमीरपुर (उत्तर प्रदेश)

*30/09/2021 P.O.*  
Village - Ingotha  
Block - Sumarpu  
Dist. Hamirpur (U.P.)

2. मुख्य कार्यपालन अधिकारी जिला पंचायत, जिला : हमीरपुर (उत्तर प्रदेश)



3. महाप्रबन्धक, जिला उद्योग केन्द्र, जिला : हमीरपुर (उत्तर प्रदेश)

*30/09/2021*  
*20/09/2021*



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