

Letter No. – JK/CTO-(HAMIRPUR) /2022-23/17/01**Date: 25-09-2022**

To,
The Chief Environment Officer,
Uttar Pradesh Pollution Control Board,
12 TC, Vibhuti Khand, Gomati Nagar
Lucknow (UP) E. Mail Id: ceo2@uppcb.com

**Subject- Environmental Statement Report (Form-V) of M/s JAYKAYCEM CENTRAL WORKS
HAMIRPUR Village Ingotha, Pargana Sumerpur, District Hamirpur, 210341 for the F.Y. 2021-22**

Reference: CTE no. 133698/UPPCB/Banda(UPPCBRO)/CTE/HAMIRPUR/2021 dated 01.09.2021

Dear Sir

We would like to inform you that our grinding unit is not commissioned yet. However, please find herewith enclosed Environmental Statement Report (Form-V) for M/s JAYKAYCEM CENTRAL WORKS HAMIRPUR Village Ingotha, Pargana Sumerpur, District Hamirpur, 210341 for the F.Y. 2021-2022 for your kind information and record, please.

Thanking you,

Yours faithfully,
JAYKAYCEM CENTRAL WORKS HAMIRPUR
(Wholly Owned Subsidiary of JK Cement Ltd.)



Anil Jain
(Head Environment & Sustainability)

Encl: Duly filled Form-V

CC: Regional Officer, Uttar Pradesh Pollution Control Board, Banda 21001 U.P.



FORM – V
ENVIRONMENTAL STATEMENT REPORT FOR THE FINANCIAL YEAR 2021-22

PART – A

(I)	Name & Address of the Owner / Occupier of the Industry Operation or Process	Anil Jain Head Environment & Sustainability M/s JAYKAYCEM CENTRAL WORKS HAMIRPUR Village Ingotha, Pargana Sumerpur, District Hamirpur, HAMIRPUR, 210341 HAMIRPUR
(II)	Industry Category Primary (STC CODE) Secondary (SIC CODE)	Red Category
(III)	Production Capacity	Cement PPC (MT/Month) – 150000 Cement OPC (MT/Month) – 16600 Cement PSC (MT/Month) – 16600 Cement Composite (MT/Month) – 16600
(IV)	Year of Establishment	To be commissioned after obtaining CTO
(V)	Date of last Environmental Statement Submitted	N.A. (Submitting first time)

PART – B

Water & Raw Material Consumption and Lime stone production

A. Water

Over All Consumption

- (i) Process (Dust Suppression) - 0.0 KL
- (ii) Cooling - 0.0
- (iii) Domestic - 8603 KL

Consumption per unit of production

Name of the Product	Process Water Consumption per unit of Product Output (MT)	
	During the Previous Financial Year (2020-21)	During the Current Financial Year (2021-22)
Cement	00	00

B. Raw Material Consumption

Name of the Raw Material	Name of Product	Consumption of Raw Material per Unit Product Output (KL/MT of Limestone)	
		During the Previous Financial Year (2020-21)	During the Current Financial Year (2021-22)
Clinker	Cement	00	00
Gypsum		00	00
Fly ash		00	00
Slag		00	00
Lime Stone		00	00

C. Total Cement and Clinker Production (MT)

Product	During the Previous Financial Year (2020-21)	During the Current Financial Year (2021-22)
OPC	00	00
PPC	00	00
PSC	00	00
Cement Composite	00	00

PART - C

Pollutant Discharged To Environment / Unit of Output
(Parameters as specified in the consent issued)

S. No.	Pollutants	Quantity of Pollutants Discharged (Mass / day) (tonne/day)	Concentrations of Pollutants in discharged (Mass / Volume) (kg/m ³)	Percentage of variation from prescribed standard with reasons
(a)	Water	1. As plant will be operated on dry process technology, no liquid effluent will be generated from cement plant. 2. Domestic waste water generated from office toilet and canteen being treated with STP and treated water is being used in green belt development in plant premises.		
(b)	Air	Plant was not in operation in FY 2021-22, so there is no Stack Emission.		

PART – D

(As specified under Hazardous waste / Management and Handling rules, 1989 as Amended -2016)

Hazardous waste: Hazardous waste generated in the form of used/spent oil, waste/residue which will be stored in barrel at safe and dedicated area and sold to registered recycler.

PART – E

Solid Wastes

Solid Waste		Total Quantity	
		During the Previous Financial Year (2020-21)	During the Current Financial Year (2021-22)
(a)	From Process	Nil	Nil
(b)	From Pollution Control facilities	NA	Dust Collected in Bag Filters and will be recycled back into the process.
(c)	(i) Qty. recycled or reused Within the unit.	NA	Dust collected in APCD will be 100% utilized in cement manufacturing
	(ii) Sold	Nil	Nil
	(iii) Disposed	Nil	Nil

PART – F

PLEASE SPECIFY THE CHARACTERISATIONS (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS SOLID WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THE CATEGORIES OF WASTES.

Hazardous waste: Hazardous waste will be stored in dedicated area and sold to registered recycler.

Solid waste: Dust collected from pollution control equipment (i.e. Bag filters) will be totally recycled in process.

PART – G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION.

Cement manufacturing is a dry process technology, hence no effluent generated from process, which is cost effective and environmentally clean technology. The fugitive emissions from the plant will be controlled by equipment like Bag filters installed at various material transfer points. The particulate matter collected from the pollution control equipment will be recycled in process and optimizing the cost of operation of pollution control equipment, conserving natural raw material and hence no impact on the environment. Extensive tree plantation has also been done in and around the plant premises. In FY 2021-22, we have planted 250 no. of plants in and around the plant boundary.

PART – H

ADDITIONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT POLLUTION, PREVENTION OF POLLUTION.

Extensive tree plantation has also been done in and around the plant premises. In FY 2021-22, we have planted 250 no. of plants in and around the plant boundary.

1. Closed Clinker storage silo constructed to reduce the fugitive dust emission, with sufficient bag filters.
2. Fly ash will be store in closed silo to reduce the fugitive dust emission, with sufficient bag filters.

PART – I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT.

Nil

For Jaykaycem (Central) Works Hamirpur
(Wholly Owned Subsidiary of JK Cement Ltd.)



Anil Jain
Head Environment & Sustainability