

## JAYPEE CHUNAR CEMENT PRODUCTS

## JAYPEE CEMENT CORPORATION LIMITED

JCCL/JCCP/ EC COMP-01 / 2025-2026

November 10, 2025

To,

Director,  
Regional Office (C),  
Ministry of Environment & Forest (MoEF),  
Lucknow (UP).

**Sub: The Environmental Clearance granted by MoEF for Jaypee Chunar Cement Products , A Unit of Jaypee Cement Corporation Ltd. for manufacturing of 1,00,000 ton per annum Asbestos Cement Sheet at Chunar, Distt. Mirzapur, U.P. 231311**

**Ref.No: Your Letter No. J-11011/436/2009-IA II (I) Dt. 04.10.2011,**

Dear Sir,

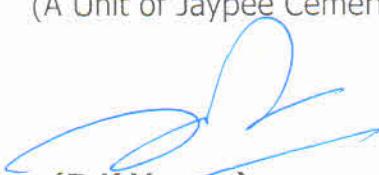
This has the reference to your above referred letter on the subject matter. In this connection, we are submitting herewith point wise status of the Compliance for your information and reference Please.

Thanking you,

Yours faithfully

**For JAYPEE CHUNAR CEMENT PRODUCTS**

(A Unit of Jaypee Cement Corporation Ltd.)



**(R.K.Verma)**  
Vice President

**CC:** Member Secretary, Central Pollution Control Board, New Delhi.  
Member Secretary, U.P. Pollution Control Board, Lucknow (UP).  
Regional Office, U.P. Pollution Control Board, Robertsganj (UP).



Works : Village - Jamuhar, P.O. Chunar Cement Factory, Tehsil - Chunar Distt. Mirzapur  
Ph. : +91 (5443) 222265, 22602 Fax : +91 (5443) 222700  
Head Office : 'JA House' 63 Basant Lok, Vasant Vihar, New Delhi - 110 057 (India)  
Ph. : +91 (11) 26141540, 26147411 Fax : +91 (11) 26145389, 26143591  
Regd. Office: Sector 128, Noida - 201 304 U.P. (India) Ph. + 91 (120) 2470800, 4609000

Name of the Project:

Jaypee Chunar Cement Products,  
A Unit of Jaypee Cement Corporation Ltd.

for manufacturing of 1,00,000 ton per annum Asbestos Cement Sheet

at Chunar, Distt. Mirzapur, U.P. 231311

Clearance Letter No:

No.J-11011/436/2009-IA II (I) Dt. 04.10.2011

Period of Compliance Report : April 2025 To September 2025

S.N	SPECIFIC CONDITIONS	COMPLIANCE STATUS
i	The project proponent shall adhere to the prescribed BIS standards and laws regarding use and handling of asbestos, safety of employees etc. Raw materials like asbestos fiber and cement shall be transported in closed containers. Asbestos fiber shall be brought in pelletized form in impermeable bags and under compressed condition.	All the BIS standards and laws of safety are followed for handling of asbestos. The asbestos bags are handling in closed circuit without exposure to workmen.
ii	Only Chrysotile white asbestos fiber shall be used. Blue asbestos shall not be utilized as raw material in the manufacturing process.	Only Chrysotile white asbestos fiber is used for manufacturing of asbestos sheet. Material safety data have already been submitted with previous report vide our letter no. JCCL/JCCP/ENV COMP-2/2015 on dated May 28, 2015
iii	There shall be no manual handling/ opening of asbestos fiber bags. The company shall install fully automatic asbestos fiber debagging system before commissioning the unit. Mechanized mixing of the raw materials shall be explored.	Fully Automatic Asbestos Fiber Bag Opening Machine is installed and commissioned for handling of asbestos fiber bags.
iv	Fugitive emissions shall be controlled by bringing cement in closed tankers, fly ash in covered trucks and asbestos in impervious bags opening inside a closed mixer, Dust collectors shall be provided to Fiber mill, Bag opening device (BOD), Cement and Fly ash silos to control emissions. Bags filters followed by wet washer shall be provided at automatic bag opening machine, bag shredder, fiber mill and the cement silo to collect the dust and recycle it into the process. Fugitive emissions generated from hopper of jaw crusher and Pulverizer shall be channelized through hood with proper suction arrangement, bag filter and stack.	High efficiency pulse jet bag filters have been installed at various locations for controlling fugitive emission and details of High efficiency pulse jet bag filters have already been submitted with previous report vide our letter no. JCCL/JCCP/ENV COMP-2/2015 on dated May 28, 2015

v The company shall comply with total dust emission limit of 2 mg/Nm<sup>3</sup> as notified under the Environment (Protection) Act, 1986. Adequate measures shall be adopted to control the process emission and ensure that the stack emission of asbestos fiber shall not exceed the emission limit of 0.2 fiber/cc. Asbestos fiber in work zone environment shall be maintained within 0.1 fiber/cc.

1. High efficiency pulse jet bag filters have been installed at various locations for controlling of fugitive emission from stack below 2mg/Nm<sup>3</sup> and stack emission of asbestos fiber is maintained within 0.2 fiber/cc. Work zone environment reports are sent to the Ministry's Regional Office at Lucknow, CPCB and UPPCB regularly.
2. Monitoring of stack emission and workplace area carried out for reporting period **(April 2025 to September 2025)** are as under-

Sr. No	Sampling Location	Avg. Pollutant Concentration	CPCB / UPPCB Standard
1	PM (mg/Nm <sup>3</sup> )	1.30	2.0 mg/Nm <sup>3</sup>
2	Fiber/cc	0.04	0.2 Fiber/cc

1. Avg. Workplace Monitoring data for the period April 2025 to September 2025 are as under

Sr. No	Sampling Location	Avg. Pollutant Concentration (Fiber/CC)	CPCB / UPPCB Standard
1	Fiber Mill Area	0.042	0.1 Fiber/cc
2	Plant Area	0.030	
3	Hard Ground Waste Area	0.043	
4	Sheet Sorting Area	0.040	

vi Bags containing asbestos fiber shall be stored in enclosed area to avoid fugitive emissions of asbestos fiber from damaged bags, if any.

The bags containing asbestos fiber are stored in covered shed.

vii	<p>Proper housekeeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation system shall be laid in accordance with the Factories Act. Better housekeeping practices shall be adopted for improvement of the environment within the work environment also. These include.</p> <ul style="list-style-type: none"> <li>(a) All monitoring transfer points shall be connected to dust extraction system.</li> <li>(b) Leakages or dust from machines and ducts shall be plugged.</li> <li>(c) Floor shall be cleaned by Vacuum cleaner only.</li> <li>(d) Enclosed belt conveyor shall be used instead of manual transportation of asbestos within the premises.</li> </ul>	<p>Proper housekeeping is being ensured in plant area and cleaning of shop floor area by vacuum cleaning machine.</p>																				
viii	<p>Quarterly monitoring of pollutant (PM<sub>10</sub>, asbestos fiber count) in the work zone area and stack(s) shall be undertaken by the Project proponents. In addition, the asbestos fiber count in the work zone area shall be monitored by an independent monitoring agency like NIOH / IRTC / NCB or any other approved agency and reports submitted to the Ministry's Regional Office at Lucknow, SPCB and CPCB.</p>	<p>Monitoring of stack Emission and workplace area carried out for reporting period <b>(April 2025, to September 2025)</b> are as under.</p> <table border="1"> <thead> <tr> <th data-bbox="971 1222 1117 1312">Sr. No</th><th data-bbox="971 1312 1117 1401">Sampling Location</th><th data-bbox="971 1401 1117 1491">AVG. Pollutant Concentration</th><th data-bbox="971 1491 1117 1581">CPCB /UPPCB Standard</th></tr> </thead> <tbody> <tr> <td data-bbox="971 1312 1117 1401">1</td><td data-bbox="971 1401 1117 1491">PM (mg/Nm<sup>3</sup>)</td><td data-bbox="971 1491 1117 1581">1.35</td><td data-bbox="971 1581 1117 1671">2.0 mg/Nm<sup>3</sup></td></tr> <tr> <td data-bbox="971 1401 1117 1491">2</td><td data-bbox="971 1491 1117 1581">Fiber/cc</td><td data-bbox="971 1581 1117 1671">0.02</td><td data-bbox="971 1671 1117 1760">0.2 Fiber/cc</td></tr> </tbody> </table> <p>1. Avg. Workplace Monitoring data for the period October 2024 to March 2025 is as under</p>	Sr. No	Sampling Location	AVG. Pollutant Concentration	CPCB /UPPCB Standard	1	PM (mg/Nm <sup>3</sup> )	1.35	2.0 mg/Nm <sup>3</sup>	2	Fiber/cc	0.02	0.2 Fiber/cc								
Sr. No	Sampling Location	AVG. Pollutant Concentration	CPCB /UPPCB Standard																			
1	PM (mg/Nm <sup>3</sup> )	1.35	2.0 mg/Nm <sup>3</sup>																			
2	Fiber/cc	0.02	0.2 Fiber/cc																			
	<table border="1"> <thead> <tr> <th data-bbox="416 1222 514 1312">Sr. No</th><th data-bbox="416 1312 514 1401">Sampling Location</th><th data-bbox="416 1401 514 1491">AVG. Pollutant Concentration (Fiber/CC)</th><th data-bbox="416 1491 514 1581">CPCB /UPPCB Standard</th></tr> </thead> <tbody> <tr> <td data-bbox="416 1312 514 1401">1</td><td data-bbox="416 1401 514 1491">Fiber Mill Area</td><td data-bbox="416 1491 514 1581">0.020</td><td data-bbox="416 1581 514 1671">0.1 Fiber/cc</td></tr> <tr> <td data-bbox="416 1401 514 1491">2</td><td data-bbox="416 1491 514 1581">Plant Area</td><td data-bbox="416 1581 514 1671">0.025</td><td data-bbox="416 1671 514 1760"></td></tr> <tr> <td data-bbox="416 1401 514 1491">3</td><td data-bbox="416 1491 514 1581">Hard Ground Waste Area</td><td data-bbox="416 1581 514 1671">0.025</td><td data-bbox="416 1671 514 1760"></td></tr> <tr> <td data-bbox="416 1401 514 1491">4</td><td data-bbox="416 1491 514 1581">Sheet Sorting Area</td><td data-bbox="416 1581 514 1671">0.030</td><td data-bbox="416 1671 514 1760"></td></tr> </tbody> </table>	Sr. No	Sampling Location	AVG. Pollutant Concentration (Fiber/CC)	CPCB /UPPCB Standard	1	Fiber Mill Area	0.020	0.1 Fiber/cc	2	Plant Area	0.025		3	Hard Ground Waste Area	0.025		4	Sheet Sorting Area	0.030		
Sr. No	Sampling Location	AVG. Pollutant Concentration (Fiber/CC)	CPCB /UPPCB Standard																			
1	Fiber Mill Area	0.020	0.1 Fiber/cc																			
2	Plant Area	0.025																				
3	Hard Ground Waste Area	0.025																				
4	Sheet Sorting Area	0.030																				

ix	Total water requirement shall not exceed 100m <sup>3</sup> /day. All the recommendations of the State Ground Water Department, Govt. of U.P. shall be implemented in time bound manner.	The total water Consumption is below 100 M3/day and all the recommendations are implemented.
x.	As reflected in the Environment Management Plan, all the treated effluent shall be recycled and reused in the manufacturing process. No process water shall be discharged outside the premises and 'Zero' discharge shall be maintained. All the domestic wastewater shall be treated in STP and used for green belt development.	<p>1. No effluent is being generated from the process. The plant has been designed on <b>Zero discharge basis</b>.</p> <p>2. STP has been commissioned and domestic waste water from plant and colony is treated in the sewage treatment plant. The treated water is used for water sprinkling and green belt development.</p>
xi.	The company shall ensure that the entire solid waste generated including process rejects, cement, fly ash dust from bag filters and empty asbestos bag shall be recycled back in the manufacturing process. Process sludge shall be 100% recycled and reused in the process. Hazardous waste shall be ground in dust proof pilverizer with integrated bag filter and recycled back to the process. Asbestos fibers which cannot be further recycled due to contamination of iron dust shall be stored in HDPE lined secured landfill. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard Code.	The plant has been designed on Zero discharge basis and all the process waste has been recycled into the process used. The Hazardous waste is being pulverized and recycled back to process plant for reused. No disposal outside the premises. Proper handling of Chrysotile Asbestos, green belt plantation, control of fugitive emissions, control systems at source, zero waste disposal, complete recycling of solid waste and water, good housekeeping is being done.
xii	The cut and damaged fiber bags shall immediately be repaired. Empty fiber bags will be shredded in the fine particles in a bag shredder and recycled into the process. Pilling of AC Sheets shall be done in wet condition only.	The cut and damaged fiber bags are immediately used in the process. Empty fiber bags are shredded and recycled into the process. AC sheets will be stored in wet condition.
xiii	The company shall obtain a certificate from the supplier of Chrysotile fiber that it does not contain any toxic or trace metals. A copy of certificate shall be submitted to the Ministry of Environment and Forests.	Copy of certificate have already been submitted with previous report vide our letter no. JCCL/JCCP/ENV COMP-02/2015 on dated May 28, 2015

<b>Xiv</b> Regular medical examination of the workers and health monitoring of all the employees shall be carried out and if cases of asbestos are detected, necessary compensation shall be arranged under the existing laws. A competent occupational health physician shall be appointed to carryout medical surveillance. Occupational health of all the workers shall be monitored for lung function test, chest x-ray, sputum for acid-fast-bacilli (AFC) and asbestos body (AB), urine for sugar and albumen, bloat tests for TLC, DLC, ESR, Hb and records maintained for at least 40 years from the beginning of the employment or 15 years after the retirement or cessation of employment whichever is later. Occupational Health Surveillance shall be carried out as per the directives of the Hon'ble Supreme Court including the recent Kalyaneshwari Case.	Regular medical examination of the employee is being done by company doctor and <b>52 employees</b> have been examined and no occupation disease has been noticed during the period of <b>April 2025 to September 2025</b>
<b>Xv.</b> To educate the workers, all the work places where asbestos dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.	Regular awareness training programme is being conducted by experts on safety and health. Displays of signage's about the handling of asbestos bags are displayed at various locations.
<b>Xvi.</b> The company shall also undertake rain water harvesting measures for a storage capacity of minimum 2 - 3 months after studying the hydrogeology of the area and plan of action shall be submitted to the Ministry's Regional Office at Lucknow within three months.	Rain Water harvesting system has been installed for storm water.
<b>Xvii.</b> Earth quack and Seismic hazard management plan shall be submitted to the Ministry's Regional Office at Lucknow within three months.	<b>Details have already been submitted vide our letter no. JAL/CCF/ENV.12/2012 on dated 28/01/2012</b>
<b>Xviii</b> All the commitments made to the public during the Public Hearing /Public Consultation meeting held on 14th December, 2010 shall be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Lucknow.	Already Compiled

		2025		
		Total plantation	Nos. of Plant survived	Survival rate in %
		20000	19680	98.4%
<b>xx.</b> At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on public hearing issues and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such program should be ensured accordingly in a time bound manner.		It will be implemented.		
<b>xxi.</b> The company shall provide housing for construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, 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		<b>Not applicable as construction phase is over.</b>		
<b>B GENERAL CONDITIONS</b>				
<b>i</b> The project authorities must strictly adhere to the stipulations made by the Uttar Pradesh Pollution Control Board and the State Government.		Noted and All the conditions/stipulations by statutory authorities are implemented.		
<b>ii</b> No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.		Noted and No expansion / modifications will be take without the prior approval from ministry of environment & forest		
<b>iii.</b> The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.		Noted and Compiled		

<p>iv. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM 10, SO<sub>2</sub> and NOx are anticipated in consultation with the SPCB, Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Lucknow and the SPCB/CPCB once in six months.</p>																														
<p>v. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 321st December 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.</p>																														
<p>vi. The overall noise level in and around the plant area shall be kept well within the standards ( 85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).</p> <p>vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p> <p>viii. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</p> <p><b>September 2025'</b> are as under (All values in <math>\mu\text{gm}/\text{m}^3</math>):-</p> <table border="1" data-bbox="873 1233 1134 2164"> <thead> <tr> <th>Locations</th> <th>Water storage tank</th> <th>Despatch gate of JCCP</th> <th>JCCP time office</th> <th>Electrical Substation</th> </tr> </thead> <tbody> <tr> <td>Parameters</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>AVG.PM10</td> <td>45.10</td> <td>46.00</td> <td>44.20</td> <td>45.30</td> </tr> <tr> <td>AVG.PM 2.5</td> <td>11.10</td> <td>11.81</td> <td>10.60</td> <td>11.22</td> </tr> <tr> <td>AVG.SOx</td> <td>10.30</td> <td>10.55</td> <td>10.26</td> <td>11.20</td> </tr> <tr> <td>AVG.NOx</td> <td>15.80</td> <td>15.30</td> <td>16.50</td> <td>15.35</td> </tr> </tbody> </table> <p>The plant has been designed on <b>Zero discharge bases</b> and all the industrial Effluent waste water recycled back into the process.</p> <p>Overall noise level is kept below the standard 85 dBA. Acoustic enclosures and hoods are provided to control the noise level.</p> <p>Compiled. Under occupational health surveillance, 52 employees and workers have been examined and no occupation disease has been noticed during the period of '<b>April 2025 to September 2025'</b></p> <p>Rain Water harvesting system has been installed for storm water</p>	Locations	Water storage tank	Despatch gate of JCCP	JCCP time office	Electrical Substation	Parameters					AVG.PM10	45.10	46.00	44.20	45.30	AVG.PM 2.5	11.10	11.81	10.60	11.22	AVG.SOx	10.30	10.55	10.26	11.20	AVG.NOx	15.80	15.30	16.50	15.35
Locations	Water storage tank	Despatch gate of JCCP	JCCP time office	Electrical Substation																										
Parameters																														
AVG.PM10	45.10	46.00	44.20	45.30																										
AVG.PM 2.5	11.10	11.81	10.60	11.22																										
AVG.SOx	10.30	10.55	10.26	11.20																										
AVG.NOx	15.80	15.30	16.50	15.35																										

Ix.	<p>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.</p>	<p>All the environment control measures and safeguards recommended in EIA-EMP report are complied. Socio-economic development activities in the surrounding villages like community development programs, educational programs, water supply &amp; health care are undertaken.</p>
X.	<p>Requisite amount shall be earmarked towards capital cost and recurring cost / annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Lucknow. The funds so provided shall not be diverted for any other purpose.</p>	<ul style="list-style-type: none"> <li>- Capital cost Rs. 40 Lakhs per annum and recurring cost Rs. 1.0 Lakhs per annum for environmental pollution control measure and these investments will be used solely for pollution control measure.</li> <li>- The Recurring expenditure for pollution control and environment protection during <b>'April 2025 to September 2025'</b> is 0.85 Lakh.</li> </ul>
Xi	<p>A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put up on the website of the company by the proponent.</p>	<p>A copy of clearance letter is submitted by the proponent to concerned Panchayat and Receiving copy of the letter has already been submitted vide our letter no. JAL/CCF/Env./06/2012 on dated May 31, 2012.</p>

<p><b>Xiii.</b> The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Lucknow/CPCB/SPCB shall monitor the stipulated conditions.</p>	<p>Monitoring report of the suspended particulate matter for the stack &amp; ambient air quality is being reported to UP Pollution Control Board on every month and Six Monthly compliance is submitted to Zonal office of MOEF on regular basis.</p>
<p><b>Xiv.</b> The environmental statement of each financial year ending 31st march in Form - V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, as amended subsequently, shall also be put up on the website of the company along with the status of compliance of environment conditions and shall also be sent to the respective Regional Office of the MOEF at Lucknow by e-mail.</p>	<p>The environmental statement of financial year ending 31st March 2024 in Form - V and Environment Statement Report letter have already been submitted vide our letter no. <b>JCCP/JCCP/ENV/Statement Rept./2024-25 dated 10 May 2025</b></p>
<p><b>Xv.</b> The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locally concerned and a copy of the same should be forwarded to the Regional Office at Lucknow.</p>	<p><b>Already complied.</b> The Project has been accorded environmental clearance by the ministry has already been published in local news paper in Hindi as well as English on dated English on dated 11.10.2011. Copies already submitted vide our letter no. <b>JAL/CCF/Env./06/2012 on dated May 31, 2012</b></p>
<p><b>Xvi.</b> Project authorities 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 and the date of commencing the land development work.</p>	<p><b>Already complied.</b> The date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work have already been submitted vide our letter no. <b>JAL / CCF / ENV. /06/2012 dated 31 May 2012</b></p>

10	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted & agreed
11	The Ministry reserve the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Noted & agreed
12	The above conditions shall be enforced, 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 Wastes (management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.	Noted and agreed.

