



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

RED-LARGE

CTE-Fresh
Validity-(A/W): 31/10/2026

CONSENT NO: ***

PCB ID:
142967

Outward No:113937,10/11/2021

Consent No:CTE-54599

To,

The Occupier,
M/s. J.K. Cement Works, Ujjain,
(A Unit of J.K. Cement Limited),
Plot No. Khasra No. 17, 24, 25, 36, 37, 38, 39 & 41,
Village-Madhavgarh, Tehsil-Ghatiya,
Distt. Ujjain-456003 (M.P.)

Subject: Grant of Consent to Establish-Fresh under section 25 of the Water (Prevention & Control of Pollution) Act,1974 & under section 21 of the Air (Prevention & Control of Pollution) Act,1981

Ref: Your Application Receipt No. 1099264 Dt. 05/10/2021 and last communication received on Dt. 29/10/2021

Without prejudice to the powers of this Board under section 25 of the Water (Prevention & Control of Pollution) Act,1974 & under section 21 of the Air (Prevention & Control of Pollution) Act,1981 and without reducing your responsibilities under the said Acts in any way, this is to inform you that the Board grants Consent to Establish-Fresh with the validity up to 31/10/2026 for proposed Cement Production through Clinker Grinding and for setting up of an industrial plant/activities at Plot No. Khasra No. 17, 24, 25, 36, 37, 38, 39 & 41, Village-Madhavgarh, Tehsil-Ghatiya, Distt. Ujjain-456003 (M.P.)

SUBJECT TO THE FOLLOWING CONDITIONS :-

- a. **Location:** Plot No. Khasra No. 17, 24, 25, 36, 37, 38, 39 & 41, Village-Madhavgarh, Tehsil-Ghatiya, Distt. Ujjain-456003 (M.P.)
- b. **The capital investment in lakhs:** Rs. 30735
- c. **Product & Production Capacity:**

| Product | CTE Qty./Year | Applied Qty./Year |
|--|------------------|-------------------|
| OPC/PPC/PSC/Composite Cement | 1500000.000 M.T. | 1500000.000 M.T. |
| Generation of Electricity through DG-Set | 1250.000 KVA | 1250.000 KVA |
| Generation of Electricity through DG-Set | 125.000 KVA | 125.000 KVA |

The consent (for operation) as required shall be granted to your industry after fulfillment of the conditions mentioned above. For this purpose you shall have to make an application to this Board in the prescribed proforma at least two months before the expected date of commissioning of your industry. The applicant shall not operate the unit without obtaining consent for operation from the Board and shall not bring in to use any out let for the discharge of effluent and gaseous emission.

Enclosures:-

- * Conditions under Water Act
- * Conditions under Air Act
- * General conditions



Signature Not Verified
Digitally Signed by : A. A
Mishra, Member Secretary
Date: 10/11/2021 10:16:15 AM

ACHYUT ANAND MISHRA
Member Secretary

(Organic Authentication on AADHAR from UIDAI Server)
TPAV # U16H34459A



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CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of trade effluent generation shall not exceed 0.000 KL/day, and the daily quantity of sewage generation shall not exceed 8.000 KL/day

2. Trade Effluent Treatment (if any):-

The applicant shall provide comprehensive effluent treatment system as to achieve following standards-

| | | | | | |
|----------------------------|------------|-----------|-----------|------------|------------|
| pH | Between | 5.5 – 9.0 | TDS | Not exceed | 2100 mg/l. |
| Suspended Solids | Not exceed | 100 mg/l. | Chlorides | Not exceed | 1000 mg/l. |
| BOD ₃ Days 27°C | Not exceed | 30 mg/l. | | | |
| COD | Not exceed | 250 mg/l. | | | |
| Oil and grease | Not exceed | 10 mg/l. | | | |

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

3. Sewage Treatment:- The applicant shall provide comprehensive sewage treatment system as per the proposal submitted to the Board, to achieve following standards as notified vide GSR No. 1265(E) Dt. 13.10.2017:

| | | |
|-------------------------------|------------|-----------|
| pH | Between | 6.5 – 9.0 |
| Suspended Solids | Not exceed | 100 mg/l. |
| BOD ₃ Days 27°C | Not exceed | 30 mg/l. |
| COD | Not exceed | 250 mg/l. |
| Oil and grease | Not exceed | 10 mg/l. |
| Fecal Coliform (FC) MPN/100ml | Not exceed | 1000 |

Note: Reuse/Recycling of treated effluent shall be encouraged and in cases where part of the treated effluent is reused and recycled involving possibility of human contact, standards as specified above shall apply.

| Sr. | Water Code (Qty. in klpd.) | WC : 184.000 | WWG : 8.000 | Water Source | Remark |
|-----|----------------------------|--------------|-------------|--------------|--|
| 1 | Cooling Water | 164.000 | 0.000 | River | Greenbelt, Plantation and Horticulture |
| 2 | Domestic Purpose | 10.000 | 8.000 | Bore well | Drinking, Bath & Toilet Blocks |
| 3 | Plantation / Horticulture | 10.000 | 0.000 | Bore well | Greenbelt, Plantation and Horticulture |

4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.

5. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for consumption of water for Industrial cooling/boiler feed, spray, process & domestic purposes and data shall be submitted online through XGN monthly patrak/statements. The industry/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.

6. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board

7. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent

8. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.

9. Compilation of Monitoring data-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

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10. Recording of Monitoring Activities & Results-

i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.

ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:

- (i) The date, exact place and time of sampling
- (ii) The dates on which analysis were performed
- (iii) Who performed the analysis?
- (iv) The analytical techniques or methods used and
- (v) The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.

iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

11. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a monthly Discharge Monitoring report on line to the Board through the link "Periodic compliances" provided on XGN.

12. Disposal of Collected Solid waste/sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludges, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water. Any live fish, Shell fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

13. Prohibition of bypass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except :

- i. where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

14. Industry shall submit the information online in reference to compliance of consent conditions through the link "Periodic Compliance" provided on XGN.

Additional Water condition:-

- 1. Storm water shall not be allowed to mix with effluent, treated sewage or floor washings, it water shall be channelized through separate drain(S) as per natural gradient passing through lined pits each having holding capacity of 10 minutes (Hourly average) of rain fall for its catchment area.



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CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-

1. The applicant shall provide comprehensive air pollution control system consisting of control equipments as per the proposal submitted to the Board with reference to generation of emission and same shall be operated & maintained continuously so as to achieve the level of pollutants to the following standards:-

| Name of section | Capacity | Stack height (mtrs.) | Fuel | Control equipment to be installed | P.M, SO _x , NO _x (mg/Nm ³) |
|-------------------------------|----------------------------|----------------------|--------|-----------------------------------|--|
| Cement Mill | CM Bag House Stack | 54 | --- | Bag Filter | 30,00,00 |
| DG-Sets of 1250 KVA & 125 KVA | 02 DG-Sets Common Stack | 30 | Diesel | Acoustic Enclosure | 150,100,50 |
| Material Handling | Roto Packer BF Stack No. 1 | 30 | | Bag Filter | 30 |
| Material Handling | Roto Packer BF Stack No. 2 | 30 | | Bag Filter | 30 |

2. The applicant shall observe the following fuel pattern:

| Name of Fuel | Quantity |
|--------------|--|
| Diesel | 200 Liters/ Hour (Cap. 1250 KVA & 125 KVA) |

2. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m³ (PM10 µg/m³ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM2.5 µg/m³ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³

3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

4. Industry/Unit shall provide with each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB. In no case monkey ladder shall be allowed as stack monitoring facility.

5. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities. All the fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

6. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.

7. Industry shall take effective steps for extensive tree plantation of the local tree species within or around the industry/unit premises for general improvement of environmental conditions and as stated in below.

8. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a monthly emission Monitoring report on line to the Board through the link "Periodic compliances" provided on XGN.

Additional Air condition:-

- The industry shall provide continuous online monitoring system with all emission sources and continuous ambient air quality monitoring stations CAAQMS in both (windward & lee-ward) directions. The connectivity of the online monitoring systems shall be established with Environment Surveillance Centre, MP. Pollution control Board Bhopal for real time remote surveillance. Online calibration facility shall be provided to the Board for remote calibration of CAAQMS & CEMS.
- The Industry shall install the Outdoor HD Industrial grade IP(Internet Protocol) Cameras with pan-Tilt-Zoom PTZ) feature, minimum focal length 30X with night vision facility and temper proof mechanism at suitable location to display all emission sources and connect the same with Environment Surveillance Centre, MP Pollution control Board Bhopal for remote surveillance.
- The industry shall provide facilities for the monitoring of emissions as per the guidelines issued by the CPCB vide office memorandum no. B-33014/7/IPC-II/2017-18, July 07, 2017.
- The industry shall write its name on each stack at the height visible from the nearby locations.
- All the raw material & product shall be stored in covered sheds.
- The vehicle parking inside or outside of the premises shall be maintained as per the guidelines which include paved/concreted surface, proper space for vehicle movement & basic facilities for the drivers & operators.

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GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.
2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
 - a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
 - b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
 - d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
 - e. To sample at reasonable times any discharge or pollutants.
3. This consent is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.
4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
5. Industry shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month
6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and other Waste (Management & Transboundary movement) Rules 2016 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.
7. Balance consent/authorisation fee, if any shall be recoverable by the Board even at a later date.
8. The authorization under the Hazardous Waste (Management, Handling and Transboundary Movement), Rules, and the Registration as Producer/Brand Owner/Importer shall have to obtain by the Industry.
9. The industry/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The industry/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
10. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the Water Act or the Air Act.
11. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following:
 - (a) Violation of any terms and conditions of this Consent.
 - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
12. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

Additional condition:-

1. Basic facilities shall be provided to the labours & workers during construction to avoid open defecation in the nearby areas.
2. DG-Set shall be operated through diesel only, Coal/Furnace Oil are not permitted to be used by the industry.

Consent as required under the Water (Prevention & Control of Pollution) Act, 1974 & The Air (Prevention & Control of Pollution) Act, 1981 is granted to your industry subject to fulfillment of all the conditions mentioned above. The industry shall submit an application to this Board through XGN for obtaining the Consent for Operation before two months of the commencement of production. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.



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TPAV # U16H34459A

ACHYUT ANAND MISHRA
Member Secretary

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