



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.com, Website: www.uppcb.com

Validity Period :28/07/2023 To 27/07/2028

Ref No. -
187582/UPPCB/Allahabad(UPPCBRO)/CTE/PRAYAGRAJ/2023

Dated:- 28/07/2023

To ,

Shri Jaykaycem (Central) Limited

M/s JAYKAYCEM CENTRAL LIMITED

Jaykaycem (Central) Limited, Village Ledar, Tehsil Bara, District Prayagraj (Uttar Pradesh),PRAYAGRAJ,212107

PRAYAGRAJ

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 21799820 dated - 28/06/2023. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
Clinker	Million Tonnes/Year	1500000
Gypsum	Million Tonnes/Year	130000
Fly ash & Pond ash	Million Tonnes/Year	880000
Slag	Million Tonnes/Year	180000
Limestone	Million Tonnes/Year	250000

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Cement (PPC/OPC/PSC/Composite)	226800

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
Nil	Metric Tonnes/Day	00	00

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Ground Water (within premises)	Borewell	200.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	10.0
Others(Plantation)	10.0
Cooling	50.0
Industrial	130.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Coal	135	HAG. Unit of fuel in TPD
Diesel	75	HAG. Unit of fuel in KLD
Diesel	2	DG Sets. Unit of fuel in KLD
Others	270	Used in HAG operation. Quantity to be used as per availability

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

- You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
- Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 27/07/2028 to the Board.
- Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution)Act, 1981 from the Board.
- It is mandatory to submit Air and Water consent Application,complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
- Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act,1981 may be initiated against the industry With out any prior information,in case of non compliance of above conditions.

Specific Conditions:

- 1- This CTE of M/s JAYKAYCEM CENTRAL LIMITED, Village Ledar, Tehsil Bara, Prayagraj is valid for establishment of Cement Grinding unit for production of Cement (PPC/OPC/PSC/Composite)-2.5 MTPA, using raw material Clinker-1500000 MT/Month, Fly Ash/Pond Ash-880000 MT/Month, Gypsum-130000 MT/Month, Slag-180000 MT/Month, Limestone-250000 MT/Month.
- 2- Project Proponent shall comply with the conditions of Environmental Clearance issued by MoEF&CC vide EC Identification no. EC23A009UP119311 dated 19-07-2023 and its compliance report shall be submitted to UPPCB regularly.
- 3- Project Proponent shall install complete Air Pollution Control System like mechanical collectors, wet scrubbers, Bag house, Electrostatic precipitators, combustion systems, condensers, absorbers, absorbers, and biological degradation for controlling the emissions in such a manner that the emission should be within the prescribed limit as per Environment (Protection) Rules 1986.
- 4- Project shall install at least 0.2KVA mt from roof level along with acoustic enclosures on DG sets of capacity 1750 KVA (1250/500/250/125) for use of backup power.
- 5- Project Proponent shall install 54 meter high stack and bag house for prevention of fugitive emission from the proposed cement mill and bag filters will be provided at different transfer point, coal crusher and packaging plant as proposed.
- 6- To prevent dust emission due to regular movement of vehicles in the premises, the pucca metal road shall be constructed & maintained in the premises of unit.
- 7- Project Proponent shall install water sprinklers to suppress dust inside the premises and shall maintain proper housekeeping and proper dust control arrangement at loading and unloading areas.
- 8- The loading / unloading of raw materials and finished product shall be done in covered shed.
- 9- Project Proponent shall comply with provisions of Fly Ash notification dated 25-01-2016 and submit the compliance report quarterly.
- 10- Project Proponent shall comply with the provisions of Hazardous and Other waste (Management & Trans boundary Movement) Rules 2016.
- 11- Project Proponent shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com.
- 12- Project Proponent shall install Online Continuous Emission Monitoring System (OCEMS) at process stacks to monitor stack emission along with data connectivity to CPCB server.
- 13- The project Proponent shall install 04 Nos. CAQMS for monitoring of Ambient Air Quality, one within the premises and 03 outside the plant area at an angle of 120 degree each) covering upwind and downwind directions. They will be connected to UPPCB and CPCB server.
- 14- Project Proponent shall submit environmental statement in prescribed format as per rule 14 of Environment (Protection) Act, 1986.
- 15- Cooling tower blowdown water will be recycled and utilized in dust suppression. No effluent shall be discharged and shall ensure ZLD.
- 16- The domestic effluent shall be treated through proposed STP and the treated water shall be used for irrigation purposes.
- 17- Electromagnetic Flow Meters shall be installed at all water abstraction points, water recycling points, supply source of D.M. water and records of their readings shall be maintained.
- 18- The Project Proponent shall install PTZ camera at water recirculation points for surveillance of ZLD and its URL with password shall be provided to the Board.
- 19- Project Proponent shall obtain the NOC of State Ground Water Authority for abstraction of ground water.
- 20- Project Proponent shall install rain water harvesting system as per the guideline of Ground Water Authority.
- 21- Project Proponent shall comply with the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016.
- 22- Proper dust control measures shall be taken during construction and provisions of Construction and Demolition Waste Management Rules 2016 shall be effectively implemented.
- 23- Project Proponent shall abide by orders and directions issued by Hon'ble Court, Hon'ble National Green Tribunal, Central Pollution Control Board, U.P. Pollution Control Board for protection and safe guard of environment from time to time.
- 24- Project Proponent is directed to obtain prior consent under provisions of Water (Prevention and Control of Pollution) Act 1974 as amended, Air (Prevention and Control of Pollution) Act 1981 as amended before starting the production
- 25- Project Proponent shall comply with the relevant provisions of environmental laws.
- 26- Project Proponent is directed to submit bank guarantee of Rs. 10 Lac valid for a minimum of 5 years for compliance of above specific conditions within 15 days in the prescribed format.

Please note that consent to Establish will be revoked, in case of, non compliance of any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 28/08/2023 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

RAJENDRA SINGH Digitally signed by RAJENDRA SINGH
Date: 2023.07.28 18:28:55 +05'30'

Chief Environmental Officer Circle-2

Dated:- 28/07/2023

Copy To -

Regional Officer, UPPCB, Prayagraj with direction to send the compliance report of CTE conditions on quarterly basis to Head Office.

RAJENDRA SINGH Digitally signed by RAJENDRA SINGH
Date: 2023.07.28 18:29:07 +05'30'

Chief Environmental Officer Circle-2



मिशन LIFE - पर्यावरण के लिए जीवन शैली
(Lifestyle For Environment)
जनसहभागिता का सन्देश



- स्वच्छता – देशसेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान सुनिश्चित करें
- संकल्प लें -एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, ईयरबड्स आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय ।
- एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन ठोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है
- चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अतिरिक्त बचत उत्पन्न कर सकता है | वेस्ट /अपशिष्ट फेंकने के पूर्व सोचें, ये किसी का संसाधन तो नहीं ...?
- अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेंकने से रुकें | इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई – वेस्ट रीसाइकलर को दें | प्राधिकृत ई-रीसाइकिलिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्चक्रण किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुष्प्रभाव से बचा जा सकता है
- बाहर जाते समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप से ? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें
- घरेलू स्तर पर कम से कम ठोस अपशिष्ट का उत्सर्जन करें और इनका प्रथाक्रीकरण करें
- उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है | वहीं अनुपयोगी भोजन /खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अरब टन भोजन को नष्ट होने से बचाया जा सकता है
- ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है
- ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की बचत हो सकती है
- परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं | उपयोग में न होने पर बिजली उपकरणों को बंद करें | स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है |