



ANDHRA PRADESH POLLUTION CONTROL BOARD
Paryavaran Bhavan, APIIC Colony Road,
Gurunanak Colony, Autonagar, Vijayawada- 520007
Phone. No.0866-2463200, Website : <https://pcb.ap.gov.in/>



RED CATEGORY

RENEWAL OF CONSENT TO OPERATE & AUTHORIZATION ORDER

Consent Order No:625683/APPCB/KNL/KNL/CTO/HO/2023-24/05/2023

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof (hereinafter referred to as “as Acts”) and the rules and order made thereunder to:

M/s. Sree Jayajothi Cement Pvt. Ltd.,
Sy.No.507/3, 512, 513, 514/1,514/1,
514/2, 514/3A, 514/3B, 514/4A,
514/4B & 519 of Nandavaram (V)
& Sy.No.7/1 & 5/2 of Venkatapuram (V),
Banaganapalli (M), Nandyal District (Erstwhile Kurnool District)

(hereinafter referred to as the “the Applicant”) authorizing to operate the industrial plant to discharge the effluents from the outlets and emissions as details below:

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic	0.5 KLD	Septic tank followed by Soak Pit

ii) Emissions from chimneys:

Chimney No.	Description of Chimney
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This consent order is valid for carrying out mining of lime stone to the following quantity only.

Sl. No.	Products	Quantity
1	Mining of Limestone (Mine lease area of 24.739 Ha)	0.3 Million TPA

This order is subject to the provisions of the Acts and orders made there under and further subject to the terms and conditions incorporated in the Schedule A and B enclosed to this order.

This combined order of consent shall be valid for a period ending with the **31.08.2025**.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To
M/s. Sree Jayajothi Cement Pvt. Ltd.,
Sy.No.507/3, 512, 513, 514/1,514/1,

**514/2, 514/3A, 514/3B, 514/4A,
514/4B & 519 of Nandavaram (V)
& Sy.No.7/1 & 5/2 of Venkatapuram (V),
Banaganapalli (M), Nandyal District (Erstwhile Kurnool District).**

Copy to:

1. The JCEE, Zonal Office, Kurnool for information.
2. The EE, Regional Office, Kurnool for information and necessary action.

SCHEDULE – A

1. Any up-set condition in any industrial plant / activity of the mining unit, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The mining unit should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
5. The mining unit shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.
6. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CTO conditions for obtaining Consent & HW Authorization of the Board.
7. The mining unit should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
9. The mining unit shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
10. The mining unit may explore the possibility of tapping the solar energy for their energy requirements.
11. The mining unit should educate the workers and nearby public of possible accidents

and remedial measures.

SCHEDULE – B

1. The mining unit shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S. No	Purpose	Quantity
1.	Dust suppression	10 KLD
2.	Development of Green Belt	10 KLD
3.	Domestic	0.5 KLD
	Total	20.5 KLD

2. The mining unit shall maintain Electro Magnetic flow meters with totalisers for water consumption, effluent generation and maintain log books.

3. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below:

Outlet	Parameter Limiting	Standards
1	pH	5.5 – 9.0
	TSS	200 mg/l
	TDS	2100 mg/l
	Oil and Grease	10 mg/l
	COD	250 mg/l
	BOD	100 mg/l

Air :

4. The mining unit shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mm) - 100 mg/ m³; PM2.5 (Particulate Matter size less than 2.5 mm) - 60 mg/ m³; SO₂ - 80 mg/ m³; NO_x - 80 mg/m³, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A)

5. The project authority shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, GoI vide notification No. GSR 826(E), dated. 16.11.2009 during construction and regular operational phase of the project.

6. The project authority shall dispose solid waste (NON HAZARDOUS) as follows:

S. No	Name of the Solid Waste	Quantity	Disposal
1	Top soil	2,15,164.52 m ³ during the life of the mine	Top soil shall be utilized for afforestation and reclamation in the mine lease area.

7. The mining unit shall not increase the mining capacity beyond the permitted capacity mentioned in this order, without obtaining CTE & CTO of the Board.

8. The mining unit shall establish ambient air quality monitoring station in one place in the core zone as well as in the buffer zone air monitoring RPM, SPM, NO_x, and SO₂.

- The location of the ambient air quality station shall be decided based on metrological data, topographical features and environmentally and ecologically sensitive targets and the frequency of monitoring shall be undertaken in consultation with the APPCB.
9. Ground water table levels should be monitored every season. Any lowering of the ground water table in comparison to the previous season should be reported to the Board immediately. Discarded pits should be allowed to fill with water.
 10. The natural drainage of water should be maintained. Dump sites should not cross any streams, water flow from the Mining Lease area, even during the monsoon, should be free of suspended matter and conform to prescribed water quality standards.
 11. Check dams and filter beds should be constructed to protect from stream runoffs.
 12. The mining unit shall ensure that no natural water course shall be obstructed due to any mining operations.
 13. Under no circumstances the effluents shall be discharged outside the mining unit premises.
 14. The mining unit shall construct catch drains and siltation ponds of appropriate size for the working pit, inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, greenbelt development, etc. The drains shall be regularly desilted, particularly after monsoon and maintained properly.
 15. The mining unit shall construct Garland drain of appropriate size, gradient and length for both mine pit and inter burden dumps and sump capacity shall be provided. Sump capacity with adequate retention period to allow proper settling of silt material should also be provided. Sedimentation pits should be maintained at the corners of the garland drains and desilted at regular intervals.
 16. The mining unit has to provide a trench for storm water draining from the mine lease area to aid in preventing the sedimentation of silt and avoid siltation at the discharge end of check dams.
 17. The blasting operations shall be carried out only during daytime, controlled blasting shall be practiced. Blasting shall be sequential in such a manner as to achieve minimum vibrations.
 18. All waste material shall be accommodated within the mining lease area.
 19. All mining products and rejects, irrespective of size and quality, shall be hauled away from the time.
 20. Dumping of overburden, if done, shall use the retreating pyramid bench formation with concurrent, physical and biological reclamation. Dumps shall be contoured and provided with relief control and stabilized. Dump tops shall be compacted, leveled and be properly drained.
 21. Soil binding and nitrogen fixing plants shall be planted in the mining lease area. biological reclamation shall be done in two phases. The first phase shall be plant appropriate quick growing grass and shrubs and second phase shall grow slower growing native shrubs and trees.
 22. Plantation shall be raised and maintained along the roads, dump sites etc. includes a wide greenbelt all around the ML area by planting the native species in consultation with local DFO / Agriculture department. The mining unit shall take proper measures for survival of the saplings planted.
 23. Vehicles shall be well maintained and engine idling shall be minimized. Vehicle cabs shall be made dust-proof.
 24. Drills shall be water-jacketed. Local exhaust ventilation systems shall be installed at dust generation points and the dust is led to a dust collection system.
 25. The applicant shall submit Environment statement in Form-V before 30th September

every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

- 26.The mining unit shall comply with following to control dust emissions during transportation of ore and also from the overburden waste dumps etc.,
- Water spraying on mine faces to control dust emanated from loading and handling operations.
 - Water spraying over the muck pile to be loaded in order to reduce dust generation during loading operations.
 - Water sprinklers along the mine haulage roads to reduce dust generation during plying of tippers on the haul road.
 - Frequent water sprinkling on haul roads to minimize dust emissions.
 - providing Dust masks to all workers working in dusty atmosphere.

General:

- 27.The mining unit shall comply with the following for controlling of noise
- Machineries shall be properly maintained to prevent undesirable noise. Attention shall be paid towards rigorous maintenance of the silencers of diesel engines.
 - Periodical monitoring of noise level of mining machines and at some locations in the mining site shall be done with the help of noise level meter.
- 28.The mining unit shall provide a trench for storm water draining from the mine lease area to aid in preventing the sedimentation of silt and avoid siltation at the discharge end of check dams.
- 29.The mining unit shall explore the possibility to convert mined area into a reservoir by plugging the leakages.
- 30.The mining unit shall comply with the conditions stipulated in EC orders & CTE orders.
- 31.The mining unit shall comply with standards and directions issued by CPCB / MoEF&CC as and when notifications are issued.
- 32.The mining unit shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent to Establish (CTE) and Consent to Operate (CTO) through website i.e., <https://pcb.ap.gov.in> by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To

**M/s. Sree Jayajothi Cement Pvt. Ltd.,
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