



ANDHRA PRADESH POLLUTION CONTROL BOARD
Paryavaran Bhavan, APIIC Colony Road,
Gurunanak Colony, Autonagar, Vijayawada- 520007
Website : <https://pcb.ap.gov.in/>



RENEWAL OF CONSENT TO OPERATE & AUTHORIZATION ORDER

Consent Order No:273256/APPCB/KNL/KNL/CTO&HWA/HO/2024- 25/11/2024

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. Sree Jayajothi Cements Ltd.,
(Limestone Mining – 343.22 Ha.),
Yenakandla(V), Banaganapalli(M),
Nandyal District (Erstwhile Kurnool District).
Email id: ycwenv@myhomeindustries.in**

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i. Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic effluents	3.0 KLD	Septic tank followed by soak pit.

ii. Emissions from Chimneys: NIL

iii. Hazardous Waste Authorisation (FORM - II) [See Rule 6 (2)]: Nil

This consent order is valid for mining of lime stone in total mine lease area of 343.22 Ha to the following quantity only:

S. No.	Product	Quantity
1.	Mining of Limestone- 3.0 Million TPA (Mine Lease area of 343.22 Ha.)	3.0 Million TPA

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A & B enclosed to this order.

This Combined Order of Consent & Hazardous Waste Authorization should be valid for a period ending with the **30.11.2029**.

S SRI SARAVANAN, MS(SS), O/o MEMBER SECRETARY-APPCB

To

**M/s. Sree Jayajothi Cements Ltd.,
(Limestone Mining – 343.22 Ha.),
Yenakandla(V), Banaganapalli(M),
Nandyal District (Erstwhile Kurnool District).
Email id: ycwenv@myhomeindustries.in**

Copy to:

1. The JCEE, Zonal Office, Kurnool for information and necessary action.
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 industry, 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. The mining unit should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
5. 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.
6. 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.
7. The mining unit shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
8. The mining unit 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 CFO conditions for obtaining Consent & HW Authorization of the Board.
9. 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.
10. 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.

- 11.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.
- 12.The mining unit may explore the possibility of tapping the solar energy for their energy requirements.
- 13.The mining unit should educate the workers and nearby public of possible accidents and remedial measures.

SCHEDULE-B

The item was placed in the Consent Management (CTO) committee meeting held on 11.11.2024. The mining unit shall comply with the following conditions:

1. The industry has engaged most of the Earth moving machines / trucks on hire basis and the same are being maintained outside the mine lease area by the respective contractors. Hence, the mining unit shall not carryout vehicle washings in the mine lease area without obtaining permission from APPCB.
2. The mining unit shall provide flow meters at rain water collection sump outlet to assess the water consumption for sprinkling purpose.

Water Pollution:

3. The source of water is Bore well & Old mine pit. The following is the permitted water consumption:

Sl. No.	Purpose	Quantity (KLD)
1.	Greenbelt	60.0
2.	Domestic	5.0
3.	Water Sprinkling	10.0
	TOTAL:	75.0 KLD

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.

4. The mining unit shall ensure that no natural water course shall be obstructed due to any mining operations.
5. Catch drains and siltation ponds of appropriate size shall be constructed 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.
6. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter burden dumps by August, 2019 and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site.
7. 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.
8. The mining unit shall take appropriate mitigative measures to prevent pollution of nearby river and other surface water body.
9. The mining unit shall explore the possibility to convert mined area into a reservoir by

plugging the leakages.

10. The mining unit shall undertake suitable artificial recharge measures in the project area for augmentation of ground water resources.
11. There should be no obstruction to the existing natural drainage or streams in the area which are sources of irrigation tank and other tanks in the area acquired by them which also serves as recharge tanks for ground water in the area.

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Air Pollution:

12. The mining unit shall comply with ambient air quality standards of PM10 - 100 micro grams/ m³; PM2.5 - 60 micro grams/m³; SO₂ - 80 micro grams/ m³; NO_x – 80 micro grams/m³, (day average standards). The industry shall comply with National Ambient Air Quality Standards stipulated in CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 and also the

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

Night time (10 PM to 6 AM) – 70 dB(A)

13. The project authority shall implement the following measures to reduce the air pollution during the transportation of the mineral.
 - Road shall be graded to mitigate the dust emissions.
 - Overfilling of tippers and consequent spillage on the roads shall be avoided. The trucks shall be covered with tarpaulin.
 - Water shall be sprinkled at regular intervals on the main haul road and other service roads to suppress the dust.
14. The mining unit shall maintain with the following for controlling fugitive emissions.
 - a. Water spraying shall be done on the blasted muck pile before loading by excavator to suppress the dust.
 - b. To control dust from drilling operations, drilling with dust collectors/wet drilling shall be practiced. Also drill speeds shall be regulated as per guidelines.
 - c. Regular Water spraying shall be done on haul roads and during unloading at crusher hopper to suppress the dust effectively.
 - d. Overloading of transport equipment shall be prevented in order to stop spillage.
15. The mining unit shall carry out only mechanized open cast mining. The blocks shall be separated from mother rock by using wet drilling and use of non-electrical shock lube delay detonators in blasting operation to control dust & ground vibrations.
16. The trucks carrying lime stone shall be fully covered with tarpaulin so that no lime stone dust / fine matters escape during the course of transportation.
17. The proponent shall comply with the following for controlling fugitive emissions.
 - a. Machinery shall be properly maintained to prevent undesirable noise. Attention shall be paid towards rigorous maintenance of the silencers of diesel engines
 - b. Surface drilling and blasting operations shall not be carried out at night.
 - c. The drilling shall be done with sharp drilling bits to reduce the generation of noise during drilling
 - d. Controlled blasting with optimum charge per hole shall be practiced to reduce generation of noise
 - e. Hydraulic rock beaker shall be used in lieu of secondary blasting
 - f. Drill machine operators and dumper drivers shall be equipped with earplugs and earmuffs. The duty hours of operators working near the machinery shall be regulated to keep their noise exposure levels within limits
 - g. 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.

18. Sequential blasting and use of non-electric delay detonators shall be adopted to reduce ground vibrations.
19. The mining unit shall carry out studies on ground vibrations due to blasting activities. Based on the reports of every blast, the blasting parameters shall be modified, if necessary, with approval of concerned department.
20. Top Soil, if any, shall be stacked with adequate measures with proper slope at earmarked site (s) only and shall be used for reclamation /plantation and rehabilitation of mined out areas.
21. All waste material shall be accommodated within the mining Lease area.
22. All mining products and rejects, irrespective of size and quality, should be hauled away from the mine.
23. Dumping of overburden, if done, should use the retreating pyramid bench formation with concurrent, physical and biological reclamation. Dumps should be contoured and provided with relief control and stabilized. Dump tops should be compacted, leveled and be properly drained.

General:

24. The mining unit shall not carry out mining beyond the permitted capacity as mentioned in this order, without obtaining prior CTE & CTO of the Board.
25. Vehicles shall be well maintained and engine idling should be minimized. Vehicle cabs should be made dust-proof and air-conditioned.
26. The mining unit shall comply with the EC order issued by MoEF&CC, GOI.
27. The proponent shall carry out studies on ground vibrations due to blasting activities. Based on the reports of every blast, the blasting parameters shall be modified if necessary with approval of concerned department.
28. Muffle blasting shall be done towards the villages side.
29. The mining unit shall monitor ambient air quality at four monitoring stations installed in the Core zone as well as buffer zone for SPM, RSPM, SO₂, and NO_x regularly and shall submit the monitoring data to the concerned RO.
30. The mining unit should adopt blasting technique using shock tube and delay detonators. Dust collectors are to be provided for the drilling equipment. Industry should adopt fugitive dust control measures like wet drilling and water sprinkling near loading areas and while drilling.
31. The mining unit should avoid blasting during high windy period, night times and temperature inversion periods.
32. The mining unit should adopt eco-friendly mining practices. The maximum charges used for blasting should be limited to ensure vibrations created in the neighborhood area are within acceptable limits.
33. The mining unit shall provide fixed continuous water spraying system all along the haul road from Mines to Lime stone crushers to minimize the dust emissions before commencement of mining activity as committed by the industry vide its Ir. dt.23.04.2015.
34. 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.
35. The mining unit should construct check dams with intermediate sedimentation traps in the flow path to arrest silt.
36. 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 shall be allowed to fill with water.

37. The mining unit shall develop and maintain the green belt as mentioned in the EC order.
38. Soil binding and nitrogen fixing plants should be planted in the Mining Lease area. Biological reclamation should be done in two phases, the first phase should be plant appropriate quick growing grass and shrubs and the second phase should grow slower growing native shrubs and trees.
39. The following rules and regulations (as amended and upgraded from time to time) notified by the MoEF&CC, GoI shall be implemented.
 - a. Regulation of Persistent Organic Pollutants Rules, 2018.
 - b. Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
 - c. Plastic Waste Management Rules, 2022.
 - d. Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
 - e. Fly Ash Notification, 2016.
 - f. Battery Waste Management Rules, 2022.
 - g. E-Waste (Management) Rules, 2022.
 - h. Construction and Demolition waste Management Rules, 2016.
 - i. Solid Waste Management Rules, 2016.
 - j. The Public Liability Insurance Act, 1991 and its amendments thereof.
 - k. Bio Medical Waste Management Rules, 2016
40. An environmental policy statement which spells out the overall environmental management philosophy and the thrust programs for the next two years should be prepared and submitted to the Board and circulated to the people in habitats in a 10 km radius around the plant and mines.
41. The mining unit shall submit compliance report on the conditions mentioned in the consent order every six months i.e., on 1st of January and July of every year to the Regional Office/ Zonal Office.
42. The industry should comply with notifications / guidelines issued by the MoEF, GOI from time to time under E(P) Act, 1986.
43. The mining unit shall submit Water Quality, AAQ, Soil quality monitoring through third party approved by MoEF&CC on monthly basis.
44. The mining unit should submit Environment statement in Form-V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendment thereof.
45. The mining unit shall comply with Task Force directions issued by Board from time to time.
46. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
47. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of law.
48. The mining unit shall comply with standards and directions issued by CPCB/MoEF&CC as and when notifications are issued.
49. The mining unit shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CTE) and Consent for Operation (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.
50. The mining unit shall install digital display boards at publicly visible places at the main gate indicating the products manufactured Vs permitted quantities, Treated

effluent concentrations Vs discharge standards, Stack emission & AAQ concentrations Vs standards, hazardous waste generation, disposed, stock Vs permitted quantities and validity of CTO; and exhibit the CTO order at a prominent place in the factory premises, as per Hon'ble Supreme Court order.

S SRI SARAVANAN, MS(SS), O/o MEMBER SECRETARY-APPCB

To

**M/s. Sree Jayajothi Cements Ltd.,
(Limestone Mining – 343.22 Ha.),
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