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|  | <p align="center">A.P. POLLUTION CONTROL BOARD ZONAL OFFICE: KURNOOL Dr.Y.S.R. PARYAVARAN BHAVAN, ROAD NO.02, LABOUR COLONY, VENKATA RAMANA COLONY, KURNOOL- 518003 Phone :08518- 233619 ; e-mail: zoknl- jcee@appcb.gov.in</p> |  |
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**RED CATEGORY
 CONSENT TO OPERATE ORDER**

Order No. KNL- 1187 /APPCB/ZO-KNL/CTO /2025 Dt: 04-06-2025

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 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. Sree Jayajothi Cements Private Limited,
 (181.03 Ha. Limestone Mine) (SJCPL)
 Sy.No.139B/P,140,141,142(P) & 183 of Gorlagutta Village,
 Betamcherla Mandal, Nandyal District (Erstwhile Kurnool).
 Andhra Pradesh.**

(Herein after 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 (KLD) | Point of Disposal |
|------------|--------------------|---------------------------|-----------------------------------|
| 1 | Domestic | 2.5 KLD | Septic tank followed by soak pit. |

(ii) Emission from Chimneys:

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

The consent order is valid for mining of Limestone to the following yearly capacity and shall be limited to IBM approval only. The mining lease and the mining operations shall be carried out as per the Environmental Clearance order : 17.08.2023

| S.No. | Name of the Product / Activity | Capacity |
|-------|--|------------------------|
| 1 | Limestone Mining (Mine lease area 181.03 Ha.) | 1.2 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 shall be valid for a period ending with **31.03.2026** or **validity of mine lease period issued by the Govt. of A.P., or validity of EC order whichever is earlier.**

SANKU SATYA SUBHA MURALI

JOINT CHIEF ENVIRONMENTAL ENGINEER (FAC)

To

**M/s. Sree Jayajothi Cements Private Limited
(181.03 Ha. Limestone Mine) (SJCPL)
Sy.No.139B/P,140,141,142(P) & 183 of Gorlagutta Village,
Betamcherla Mandal, Nandyal District. A.P.**

Copy to the Environmental Engineer, Regional Office, Kurnool for information and necessary action.

SCHEDULE – A

1. Any up-set condition in any activity of the Mining Unit, which may result in, 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 mine operator should carryout analysis of air emissions 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 mine operator 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 CTO and exhibit the CTO order at a prominent place in the mine 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 mine operator shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E (P) Rules, 1986 & amendments thereof.
7. The mine operator 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.
8. 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.
9. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21/22 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.

10. The mining unit shall 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.
11. The mining unit may explore the possibility of tapping the solar energy for their energy requirements.
12. 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.

SCHEDULE – B

SPECIAL CONDITIONS:

1. **The project proponent shall submit undertaking to the Board that they will implement the following measures to control the erosion of dumps within 3 months and submit photographic evidences at R.O and a copy to the Z.O, Kurnool for information.**
 - **Retention / toe walls at the foot of the dumps**
 - **Worked out slopes are to be stabilized by planning appropriate shrub / grass species on the slopes**
 - **Garland drain around the dump for diversion of storm water. The garland drain shall be routed through siltation pong of adequate size**
 - **The mine operator shall submit the acknowledgement copies of the filing of half-yearly EC condition-wise compliance reports in MoEF&CC website & EC, CFE & CFO condition-wise compliance reports in APPCB websites regularly.**
 - **The mine holder is liable to pay the Environmental Compensation, if they fail to comply with the stipulated consent conditions.**
2. The project proponent shall submit the year wise details of the amount allocated towards CER(Corporate Environmental Responsibility) to the RO:Kurnool
3. The project proponent shall maintain a distance of 200m towards Gorlagutta Village side (13.034Ha.) as non-mining zone as mentioned in the modified mining plan and shall provide grazing land in non-mining zone (13.034Ha.) for cattle feeding.
4. The project proponent shall leave 10mtrs (0.515Ha.) of Forest buffer (Safety) zone, from the forest boundary as mentioned in the IBM approved the modified mining plan.

5. The project proponent shall carryout mining activity in the respective boundaries only mentioned in EC Order dated 20.03.2024.
6. The project proponent shall comply with the mining methodology mentioned in the approved mining plan.
7. The project proponent shall construct retention wall for the dump, garland drain & siltation pond for the diversion of the storm water.

WATER:

8. The source of water being bore well. The following is the permitted water consumption:

| S.No. | Purpose | Quantity (KLD) |
|----------|------------------------|------------------|
| <u>1</u> | Dust Suppression | 100.0 KLD |
| <u>2</u> | Green belt development | 50.0 KLD |
| <u>3</u> | Domestic | 2.5 KLD |
| | Total | 152.5 KLD |

Digital flow meters with totaliser facility shall be provided and records maintained for assessing the quantity of water used for each of the purposes mentioned above

10. The project proponent shall construct septic tank followed by soak pit within 30 days and report compliance.
11. Suitable conservation measures to augment ground water resources in the area shall be planned and implemented in consultation with Regional Director, CGWB, Southern Region Hyderabad. Suitable measures should be taken for rain water harvesting in consultation with concerned Regulatory Authority.
12. The project proponent shall maintain the operation of deployed water tanker exclusively for water sprinkling in the mine haulage roads for dust suppression.

AIR :

13. The project proponent shall comply with the mining methodology mentioned in approved mining plan and Form-I with controlled blasting as recommended by SEAC.
14. Measures should be taken to comply with the provisions laid under Noise Pollution (Regulation and Control) (Amendment) Rules, 2010, dt:11.10.20210 issued by the MoEF&CC, GOI to control the noise to the prescribed levels. Workers engaged in operations of HEMM etc. Should be provided with ear plugs / muffs. Regulatory authority instructions are to be taken if there are any better alternatives.
15. The project proponent should comply with the National ambient air quality standards as per MoEF, GOI notification dated. 18.11.2009 at the boundary of the mine, as prescribed below.

| S. No | Parameters | Standards in $\mu\text{g}/\text{m}^3$ |
|-------|--|---------------------------------------|
| 1 | Particulate Matter(PM_{10}) | 100 |
| 2 | Particulate Matter ($\text{PM}_{2.5}$) | 60 |
| 3 | SO_2 | 80 |
| 4 | NO_x | 80 |

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

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

16. The project proponent shall comply with the specific standards with respect to process emissions stipulated by the MoEF&CC, GoI, New Delhi from time to time

| Sl. No. | Details of process emissions | Emission control system | Emission standards |
|---------|------------------------------|-------------------------|--------------------|
| ---- | | | |

17. The project proponent shall not cause any air pollution problems to surroundings and shall take the following air pollution control measures:

- a. Fugitive dust emissions from all the sources should be controlled regularly. The mining unit shall provide water spraying arrangement on haul roads, loading and unloading and at transfer points for dust suppression.
- b. The mining unit shall provide BT/CC approach road and shall carry out regular overhauling of BT approach roads at regular intervals.
- c. The mine operator shall develop greenbelt along the boundary of mine lease area and also in back filled and reclaimed areas with tall growing native species in consultation with local DFO/ Agriculture Department.

18. The project proponent shall comply with the following for controlling noise emissions.

- a. Machineries 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 drill bits to reduce generation of noise during drilling.
- d. Controlled blasting with optimum charge per hole shall be practiced to reduce generation of noise.
- e. Hydraulic rock breaker 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.

19. The project proponent shall establish Ambient Air Quality monitoring stations as per EC order and monitor the critical parameters maintained in Schedule - 'B' as per CPCB guidelines and shall submit monthly reports to Regional Office and Zonal Office regularly

20. The project proponent shall not cause any air pollution problems to surroundings and shall take the following air pollution control measures :

- a. The mine operator shall develop greenbelt wherever possible in

buffer zone area.

- b. In case the green belt is not possible in the buffer zone area compensatory green belt is to be developed.

SOLID WASTE:

21. The project proponent shall dispose solid waste (NON HAZARDOUS) as follows :

| S. No | Solid Waste generation | Quantity | Hazardous / as defined under HWM Rules, 2016 | Mode of Disposal |
|-------|----------------------------|-----------------|--|--|
| 1 | Overburden / Waste Removal | 1.2 million TPA | --- | Shall be disposed in an earmarked area as per approved mine plan |

- Under no circumstances, the project authority shall dump the overburden soil & rock waste outside the quarry lease area.

GENERAL CONDITIONS:

23. The project proponent shall scrupulously comply with conditions stipulated by the SEIAA, A.P., MoEF&CC, GoI in the Environmental Clearance order dt. 20.03.2024 and upload the half yearly condition wise compliance reports in the MoEF&CC and APPCB websites regularly.
24. The project proponent be carried out as per the mine plan approved by the Mines & Geology Department.
25. The project proponent shall carryout the mining activity duly complying with the safety norms as per the approved mining plan and as per the Director General of Mines Safety norms.
26. The project proponent shall maintain minimum distance from habitation (200 mts when blasting is involved / 100 mts when blasting is not involved) in accordance with the Board circular dt.17.08.2020 issued in connection with Hon'ble NGT Order dt.21.07.2020 in O.A. No.304 of 2019 (PB).
27. The project proponent shall not enhance the production capacity beyond the permitted quantities as per mining lease and as per the approved mine plan.
28. The project proponent shall not increase the lease area against the grant of mine lease.
29. The project proponent shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining EC/CFE/CFO of the Board.
30. The project proponent shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
- Daily production details
 - Quantity of Effluents generated, treated, recycled/reused.
 - Log Books for pollution control systems.
 - Characteristics of effluents, Ambient Air Quality and emissions.
 - Hazardous/non hazardous solid waste generated and disposed.
 - Inspection book.
 - Manifest copies of hazardous waste.

31. The following rules and regulations notified by the MOEF&CC, GoI shall be implemented:
 - a. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
 - b. Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
 - c. Battery Waste Management Rules, 2022.
 - d. E-waste (Management) Rules, 2022.
 - e. Plastic Waste Management Rules, 2016.
 - f. Construction and demolition waste Management Rules, 2016.
 - g. Fly Ash Notification, 2016.
 - h. Solid Waste Management Rules, 2016.
 - i. The Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof.
32. The project proponent shall take all the environment pollution prevention measures and shall operate as per the mining plan only and implement measures proposed in EMP.
33. The project proponent shall not cause ground water pollution in and around the Mining unit premises
34. All the waste material should be accommodated within the Mining Lease Area
35. All mining products and rejects, irrespective of size and quality, should be hauled within the mine lease area.
36. 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, levelled and be properly drained. The overburden shall not be disposed outside the mine lease area under any circumstances.
37. Drills should be water-jacketed. Local exhaust ventilation systems should be installed at dust generation points and the dust is led to a dust collection system.
38. The project proponent shall provide water sprinklers for wetting the roads and at dust generating sources to control fugitive dust emissions.
39. Greenbelt shall be developed at possible areas around the boundary.
40. The mine rejects shall be disposed scientifically in the earmarked area as per the mining plan.
41. Fugitive emissions from all the sources shall be controlled regularly.
42. The project proponent shall comply with all the Rules and Regulations specified in Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 and Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016 and their amendments issued thereof.
43. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
44. The Board reserves its right to modify above conditions or stipulate any

further conditions and to take action including revoke of this order in the interest of environment protection

45. The project proponent shall submit a compliance report on CTO conditions for every 6 months as on 01st January and 01st July of every year at Regional Office and Zonal Office.

**SANKU SATYA SUBHA MURALI
JOINT CHIEF ENVIRONMENTAL ENGINEER (FAC)**

To

M/s. Sree Jayajothi Cements Private Limited

(181.03 Ha. Limestone Mine) (SJCPL)

**Sy.No.139B/P,140,141,142(P) & 183 of Gorlagutta
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