



**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
**D.No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,**  
**Chalamalavari Street, Kasturibaipet, Vijayawada – 520010.**  
Website : [www.pcb.ap.gov.in](http://www.pcb.ap.gov.in)

**CONSENT ORDER FOR ESTABLISHMENT**

**Order No.253 /APPCB/CFE/RO-VJA/HO/2009**

**Dt.02.12.2021.**

Sub: APPCB – CFE – M/s. The Ramco Cements Limited (RCL), 88.35 Ha. of Jayanthipuram Limestone Mine (South Band) at Sy. No. 39, 40, 41, 45, 46, 47/1, 47/2, 47/3, 47/4, 47/5, 48/1, 48/2, 48/3, 48/4, 49/1, 49/2, 49/3, 52, 53, 54, 55, 57, 58, 59/1, 59/2, 59/3, 59/4, 60/1, 60/2, 60/3, 63, 64, 65 & 72/1 of Jayanthipuram(V), Jaggayyapet (M), Krishna District – Consent for Establishment for Expansion of the Board under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P & C of P) Act, 1981 – Issued – Reg.

- Ref:
1. EC Order dt.26.10.2021 issued by SEIAA, AP.
  2. CFE application received through APOCMMS on 05.11.2021.
  3. R.O's inspection report dt.16.11.2021.
  4. CFE Committee meeting held on 25.11.2021.
  5. Industry submitted undertaking lr. dt.26.11.2021.

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1. In the reference 2<sup>nd</sup> cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for open cast mechanized limestone mine with installed capacity as mentioned below, with an additional investment of Rs.4.0 Crores.

S. No.	Name of the Products	Capacity as per CFO order dt.19.08.2015	As per EC Expansion order dt.26.10.2021	After CFE Expansion
1.	Mining of Lime stone (Jayanthipuram South Band Mine)	0.50 Million TPA	1.75 Million TPA	1.75 Million TPA

2. As per the application, the above activity is to be carried out at **Jayanthipuram (V), Jaggayyapet (M), Krishna District**. The area is falling in 16° 51' 00.8" N - 80° 06' 16.6" E & 16° 51' 50.7" N - 80° 06' 51.9" E., in an area of 88.35 Ha.
3. The above site was inspected by the Assistant Environmental Engineer, Regional Office, Vijayawada, A.P Pollution Control Board on 11.11.2021 and found that the site is surrounded by

**North** : Public road followed by Jayanthipuram lime stone mine (North Band) of Ramco Cements.  
**South** : Vacant land  
**East** : Jayanthipuram (V) & Vacant land  
**West** : Paleru river

4. The Board, after careful scrutiny of the application and verification report of Regional Officer, hereby issues **CONSENT FOR ESTABLISHMENT for Expansion** under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to the activity as mentioned at para (1) only.**
5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.
7. **This order is valid for period of 7 years from the date of issue.**

Encl: Annexure

**BATCHU  
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**CHIEF ENVIRONMENTAL ENGINEER**

**To**

**M/s. The Ramco Cements Limited (exp.)  
Jayanthipuram (V), Jaggayyapet (M),  
Krishna District.  
mcljpm@ramcocements.co.in.**

**Copy to:** 1. The JCEE, ZO: Vijayawada for information and necessary action.  
2. The E.E., RO: Vijayawada for information and necessary action.

### Annexure

1. The proponent shall obtain Consents for Operation (CFO) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.

#### Water:

2. The source of water is Mine seepage water is as follows:

S. No.	Purpose	Qty as per CFO order dt.19.08.2015 (KLD)	As per EC order dt.26.10.2021 (KLD)	After CFE Expansion (KLD)
1.	Dust suppression & Vehicle wash	80.0	96.0	96.0
2.	Development of green belt	5.0	49.0	49.0
3.	Domestic	0.5	5.0	5.0
	<b>Total</b>	<b>85.5</b>	<b>150.0</b>	<b>150.0</b>

3. The maximum waste water generation shall not exceed the following:

S. No.	Source	After CFE Expansion (KLD)
1.	Dust suppression & Vehicle wash	--
2.	Domestic	4.4
	<b>Total</b>	<b>4.4</b>

#### Treatment & Disposal:

Source of effluent	Mode of final disposal
Domestic	Septic tank followed by soak pit

4. The Mining unit shall construct garland drains and siltation pond for the working pit to arrest the flow of slit and sediments. The water collected shall be utilized for watering the mine area, roads, green belt development etc.
5. The industry shall ensure that no natural water course shall be obstructed due to any mining operations. Adequate buffer zone shall be maintained along the boundary as River Paleru is abutting the mine lease area.
6. 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.

7. Garland drain of appropriate size, gradient and length shall be constructed 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 constructed at the corners of the garland drains and desilted at regular intervals.
8. The proponent 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.
9. The project proponent shall take appropriate mitigative measures to prevent pollution of nearby River and other surface water body.

**Air:**

10. The proponent shall comply with the following measures to be implemented to reduce air pollution during transportation of mineral as stipulated in the EC order:
  - Roads shall be graded to mitigate the dust emission.
  - Regulatory Authority prior concurrence shall be taken for this activity.
  - Water shall be sprinkled at regular interval on the main haul road other service roads by water sprinklers to suppress dust.
11. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
12. The proponent shall comply with the following for controlling noise emissions.
  - Proper and regular maintenance of vehicles and other equipment.
  - The proponent shall ensure that there shall be no excessive noise, while taking up mining activity.
  - Limiting time exposure of workers to excessive noise.
  - The workers employed shall be provided with protection equipment and earmuffs etc.
  - Speed of trucks entering or leaving the mine is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.
13. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, Gol vide notification No. GSR 826(E), dated. 16.11.2009 during construction and regular operational phase of the project.
14. Ambient air quality monitoring stations shall be provided in core and buffer zone in down windward direction in consultation with concerned Regional Officer of APPCB for monitoring of PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>. The consolidated report of the same shall be submitted.

15. Sequential blasting and use of non-electric delay detonators shall be adopted to reduce ground vibrations.
16. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB (A) during day time and 70 dB (A) during night time. The waste oil shall be used for lubrication in the earthmoving equipment.

**Solid Waste:**

17. The proponent shall comply with the following:

**Existing :**

S. No	Name of the hazardous waste	Quantity (Kg/day)	Method of disposal
1.	Waste Oil	8060 LPA	To Authorized re-processors / re-cyclers.

**After Expansion:**

S. No	Name of the hazardous waste	Quantity	Method of disposal
1.	Waste Oil	200 LPA	To authorized re-processors / re-cyclers / kiln light up.
2.	Mineral rejects in the form of over burden	7763 TPM	To be utilized for blending in cement plant

18. 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.
19. The following rules and regulations notified by the MoE&F, 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, 2016.
  - d) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
  - e) Fly Ash Notification, 2016.
  - f) Batteries (Management & Handling) Rules, 2010.
  - g) E-Waste (Management) Rules, 2016.
  - 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.

**Other Conditions:**

20. **The industry shall not conduct blasting in the mine lease area within 200m buffer zone, from the human habitation.**
21. **The proponent shall comply with the following conditions as stipulated in the EC order:-**
  - i) **The proponent volunteered to allocate sufficient funds for amenities to Oxygen Plant at Jayanthipuram Village as a part of Corporate Social Responsibility (CSR) activity.**
  - ii) **The project proponent shall maintain the setback distance 7.5 meters buffer zone all around the mine lease area for greenbelt development and other conditions are to be fulfilled.**
  - iii) **The avenue plantation (tall plants), of at least 1.5m height, for 1 km length of the approach road on either side of the road is to be developed and maintained. The entire plantation is to be completed in the first year itself.**
22. The proponent shall comply with all the conditions stipulated in the EC expansion order dt.26.10.2021 issued by SEIAA, A.P.
23. The proponent shall obtain necessary clearances from all the competent authorities.
24. The proponent shall obtain Consent For Operation from the APPCB before the commencement of mining activity. This shall be strictly adhered to without fail.
25. The proponent shall explore the possibility to convert mined area into a reservoir by plugging the leakages.
26. The proponent shall carryout 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.
27. The proponent shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.
28. **The industry shall submit compliance to the conditions stipulated in the EC and CFE orders to the concerned Regional Officer of APPCB every six months and shall upload the same at APPCB website viz., [https://pcb.ap.gov.in/UI/Submission Compliance of EC CFE CFO Direction.aspx](https://pcb.ap.gov.in/UI/Submission%20Compliance%20of%20EC%20CFE%20CFO%20Direction.aspx)**
29. The proponent shall comply with all the directions issued by the Board from time to time.
30. 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 attracts action under the provisions of relevant pollution control Acts.

31. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.
32. 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 such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution)Act,1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

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