



**ANDHRA PRADESH POLLUTION CONTROL BOARD
ZONAL OFFICE :: VISAKHAPATNAM**

39-33-20/4/1, Madhavadhara Vuda Colony,
Visakhapatnam - 530018.
Ph : 0891 - 2719380



RED CATEGORY

CONSENT ORDER

Consent Order No: 8375/APPCB/ZO-VSP/VSP/CTO/2024

**Date:
26/02/2024**

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:

**2.024 Ha Rough Stone Mine of M/s. Gangavaram Port Limited,
Sy.No.274 (New Sy.No.307),
Pedgantyada (V&M),
Visakhapatnam District.**

(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) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1	Domestic	0.3 Kilo Liters/Day	Septic tank

This consent order is valid for mining of the following minerals with quantities and extent indicated below:

S. No.	Name of the mineral and Extent	Capacity
1.	Mining of Rough Stone over an extent of 2.024 Ha.,	12450 m³/annum

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

This Consent Order shall be valid for a period ending with the **31.10.2028.**

DR P.PRASADA RAO, JCEE(PRR)-ZO-

VSP, O/o JOINT CHIEF ENVIRONMENTAL ENGINEER7 -APPCB

To

**M/s. Gangavaram Port Limited,
(2.024 Ha Rough Stone Mine),
Sy.No.274 (New sy.No.307),
Pedgantyada (V&M),
Visakhapatnam District.**

- Copy to the EE, Regional Office, Visakhapatnam for information and necessary action to ensure compliance.

SCHEDULE - A

1. Any up-set condition in any activity of the Mining unit, which may result in, increased 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 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 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 CTO and exhibit the CTO 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 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 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 CTO conditions for obtaining Consent & HW Authorization of the Board. 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 21/22 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.

SCHEDULE - B**SPECIAL CONDITIONS:**

1. The proposed mine shall comply with the following minimum distance criteria with respect to habitation, as per NGT order dt.21.07.2020 in O.A No. 304 of 2019 and the Board Circular dt.17.08.2020:

	Mining type	Minimum Distance	Locations
A	When blasting is not involved	100 m	Residential / public buildings, inhabited sites, locations to be considered by States
B	When blasting is involved	200 m**	

** Note: The regulations for danger zone (500m) prescribed by Directorate General of Mines Safety also have to be complied compulsorily and necessary measures should be taken to minimize the impact on Environment.

2. The proponent shall carryout mining activity in the respective boundaries only mentioned in EC Order dated 29.07.2021 and in CFE order dated 12.11.2021.

3. The mining unit shall adopt suitable mining methods as per approved mining plan & DMG approval.
4. Suitable blasting methods shall be adopted to control dust emissions as per approved mining plan.
5. The mine shall comply with orders/directions of Hon'ble NGT issued from time to time and the Circulars / Notifications issued by MoEF & CC / CPCB / APPCB.

WATER:

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

S. No.	Purpose	Quantity
1.	Water sprinkling on haul roads	1.5 Kilo Liters/Day
2.	Greenbelt development	1.5 Kilo Liters/Day
3.	Domestic	1.0 Kilo Liters/Day
	Total	4.0 Kilo Liters/Day

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

AIR:

7. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, GoI vide notification GSR 826 (E), dt.16.11.2009 at the boundary of the premises during regular operation.
8. The proponent shall take measures to comply with the provisions laid down under Noise pollution (*Regulation and Control*) Amendment Rules, 2010 dated 11.01.2010 issued by MoE&F, GoI to control the noise to the prescribed levels.

GENERAL CONDITIONS:

9. The mining unit shall maintain the following measures to control erosion of dumps:
 - Retention/toe walls at the foot of the dumps.
 - Worked out slopes stabilized by planting appropriate shrub / grass species on the slopes.
10. The mining unit shall maintain garland drain and siltation ponds of appropriate size for the working pit and around the dump yard to arrest the flow of silt and sediments. The water so collected shall be utilized for watering the mine area, roads, green belt development, etc.,
11. The mining unit shall ensure compliance of guidelines issued in G.O. Rt.No.239, dt.16.04.2020 and Memo No. covid-19/2020/HMFW, dt.18.04.2020 issued by Medical, health and Family welfare department, Government of AP and the Ministry of Home Affairs order No. 40-3/2020/DM-DA, dt.15.04.2020 scrupulously.
12. The mining unit shall scrupulously follow any conditions stipulated by Revenue department/Panchayat Raj/Municipal administration/Local self government bodies (*Gram Panchayat/Gram secretariat*) in ensuring safety to human and animal life.
13. The mining unit 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 interval on the main haul road and other service roads to suppress the dust.
14. The mining unit shall implement the following measures to reduce the noise pollution.
 - The proper and regular maintenance of the vehicles and other equipment.
 - Limiting time exposure of workers to the excessive noise. Worker employed shall be provided with protection equipment and ear muffs.

- Speed of the trucks entering or leaving the mine is to be limited to the moderate speed of 25KMPH to prevent undue noise from empty trucks.
- 15. The mining unit shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily production details.
 - b. Log Books for pollution control systems.
 - c. Solid waste generated and disposed.
 - d. Inspection book.
- 16. The mining unit shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CTO of the Board.
- 17. The mining unit shall scrupulously comply with conditions stipulated by the SEIAA, MoEF&CC, in the Environmental Clearance order dated: **29.07.2021**.
- 18. The mining unit shall not cause ground water pollution in and around the Mining unit premises.
- 19. All the waste material should be accommodated within the Mining Lease Area.
- 20. All mining products and rejects, irrespective of size and quality, should be hauled within the mine lease area.
- 21. 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. The overburden shall not be disposed outside the mine lease area under any circumstances.
- 22. The mining unit shall collect solid waste i.e., overburden (*top soil and rock waste*) properly. The topsoil shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose. The rock waste shall be dumped in the dump yard earmarked within the quarry lease area and the mining unit shall not dump the overburden soil outside the quarry lease area, under any circumstances.
- 23. Suitable tree species should be planted on either side of the haul roads.
- 24. 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.
- 25. The mining unit shall provide water sprinklers for wetting the roads and at dust generating sources to control fugitive dust emissions.
- 26. Greenbelt shall be developed at possible areas around the boundary.
- 27. The mine rejects shall be disposed scientifically in the earmarked area as per the mining plan.
- 28. Fugitive emissions from all the sources shall be controlled regularly.
- 29. Mining shall be carried out as per approved mining plan.
- 30. The mining unit 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.

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