



CONSENT ORDER FOR ESTABLISHMENT

Order No. 312 /APPCB/CFE/RO-VSP/HO/2013

Dt: 27.03.2019

Sub: APPCB – CFE - **M/s. The Ramco Cements Limited, Gobburupalem (V), Kasimkota (M), Visakhapatnam District - Consent for Establishment (CFE) 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. CFE Order dt. 08.07.2013 & Amendment order dt. 07.08.2013..
2. EC Orders. dt. 03.05.2013 & 24.01.2019 issued by SEIAA, AP.
3. Industry's CFE application received through APOCMMS on 15.03.2019.
4. R.O's inspection report dt. 18.03.2019.
5. CFE Committee meeting held on 20.03.2019.

1. In the reference 3rd cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for **expansion** of Cement Grinding Unit as following, with an additional investment of Rs. 250.0 Crores.

Sl. No	Name of the Products and By-products	Consented capacity as per CFE (amend) order dt. 07.08.2013	Proposed for expansion	Total after expansion
1.	Ordinary Portland Cement (OPC)	0.95 Million TPA	1.05 Million TPA	2.00Million TPA
2.	Portland Pozzolana Cement (PPC)			
3.	Portland Slag Cement (PSC)			
4.	Composite Cement	--		

2. As per the application, the above activity is to be located within existing premises at Gobburupalem (V), Kasimkota (M), Visakhapatnam District.

3. The above site was inspected by the Environmental Engineer & Asst. Environmental Engineer-II, Regional Office, Visakhapatnam A.P Pollution Control Board on 18.03.2019 and found that the site is surrounded by the following:

North : NH 16 to A.S. Peta road followed by proposed M/s Chettinad cements M/s. VIMLA infrastructure and M/s. Tern Distilleries Ltd.,

South : Storm water drain followed by agricultural fields and the Quarters of the proposed industry.

East : Rly. Track Vijayawada to Visakhapatnam followed by Gobburupalem, hamlet of A.S. Peta

West : Kittayya cheruvu of about 3.0 Ac and cultivable lands followed by NH 16.

4. The Board, after careful scrutiny of the application, verification report of Regional Officer and recommendations of the CFE Committee, hereby issues **CONSENT FOR ESTABLISHMENT FOR EXPANSION** to the project 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 manufacture the products as mentioned at para (1) only.**
5. This Consent Order now issued is subject to the conditions mentioned in the Annexure.
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.

**Bandla Siva
Sankar
Prasad**

Digitally signed by Bandla Siva
Sankar Prasad
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CHAIRMAN

To

**M/s. The Ramco Cements Limited, (expn)
Gobburupalem (V), Kasimkota (M),
Visakhapatnam District.
suresh_kch@ramcocements.co.in**

Copy to: 1. The JCEE, Z.O: Visakhapatnam for information and necessary action.
2. The E.E., R.O: Visakhapatnam for information and necessary action.

ANNEXURE

1. The proponent shall obtain Consents for operation 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.
2. The applicant shall provide separate energy meters for Air pollution Control equipments to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.
3. The industry shall construct separate storm water drains and provide rain water harvesting structures. No effluents shall be discharged in to the storm water drains.

Water:

4. The source of water is Bore well / Tankers. The maximum permitted water consumption is as following:

S. No	Purpose	Consented quantity as per CFE order dt. 08.07.2013 (KLD)	Proposed for expansion (KLD)	Total after expansion (KLD)
1)	Equipment cooling	60.0	30.0	90.0
2)	Dust Suppression	5.0	0.0	5.0
3)	Green Belt	20.0	0.0	20.0
4)	Domestic	15.0	4.0	19.0
	Total	100.0	34.0	134.0

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

Source	Consented quantity as per CFE order dt. 08.07.2013 (KLD)	Proposed for expansion (KLD)	Total after expansion (KLD)
Domestic effluents	12.0	3.5	15.5
Total	12.0	3.5	15.5

Source of effluent	Treatment	Mode of final disposal
Domestic waste water	---	Into Septic tank followed by soak pit

6. Under no circumstances the waste water shall be discharged outside the factory premises.
7. Separate flow meters with totalisers to necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
 - a) Dust Suppression
 - b) Domestic purpose.
 - c) Green Belt

Air:

8. The air emissions from the pollution sources shall comply with the following after expansion:

Consented as per CFE order dt: 08.07.2013:

Sl. No	Details of Stack	Stack 1		Stack 2	Stack 3
a)	Attached to	Slag drier	Cement Mill	Packing plant	D.G. Set – 2 No.
b)	Capacity	---	----	---	2 X 6250 KVA
e)	Stack height	60 m		45 m	46 m common stack
f)	Diameter	1.00 m		0.75 m	1.00 m
g)	Control Equipment	Bag filter with pulsejet mechanism		Bag filter with pulsejet mechanism	Acoustic enclosures with Silencers

Proposed for expansion:

Sl. No	Details of Stack	Stack 1	Stacks 2 to 4
a)	Attached to	Hot Air Generator Cement Mill (VRM)	Packing plant
b)	Capacity	130 TPH	1 X 180 TPH & 2 X 240 TPH capacity
c)	Fuel form	Coal (flue gas from HAG is passed through VRM)	---
d)	Fuel quantity	Coal to heat up the slag	---
e)	Stack height	44 m	44 m & 2 x 45 m
f)	Details of Air Pollution Control Equipment	Bag filter with pulsejet mechanism	Bag filter with pulsejet mechanism

9. The industry shall not store raw materials in open area. The industry shall cover all the raw material transfer point conveyer belts with GI sheets. Water spraying system and dust suppression system shall be provided all around the stock pile sheds and around the conveyor system.
10. The industry shall comply with the emission standards stipulated by the MoEF & CC, Gol, from time to time. Bag filters shall be installed to control emissions from Clinker hopper, Gypsum hopper, Fly ash silo, Clinker silo, Cement silos, Packers, transfer points, Belt conveyors etc.,
11. The Bag filters shall be designed such that 25% of additional capacity is available as spare to meet the emergency requirements.
12. The industry shall provide concrete roads in the plant to avoid the fugitive dust emissions. Vacuum / pneumatic dust collection system shall be used for cleaning the internal roads.

13. The proponent shall provide online stack monitoring facility for all the major stacks and the data generated shall be networked with APPCB and CPCB for web display.
14. The proponent 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.
15. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
16. The proponent shall provide interlocking system for air pollution control equipments provided with raw material feeding system so that the feeding of raw material would be stopped in case the air pollution control equipments fails.
17. The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc., on all sources of noise generation.
18. 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.

Solid / Hazardous Waste:

19. The proponent shall comply with the following after expansion:

S. No.	Name of the waste	Consented quantity as per CFE dt. 08.07.2013	After Expansion	Disposal Option
a)	Used Spent oil	600 LPA	1500 LPA	Used as lubricant within the premises / to authorized Re-processors / Recyclers / to the Cement industries to use as alternate fuel in the kiln.
b)	Used Led Acid Batteries	--	5 nos/year	To dealers on buy back system

20. The following rules and regulations notified by the MoEF&CC, GoI shall be implemented.
 - a) Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
 - b) Plastic Waste Management Rules, 2016.
 - c) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
 - d) Fly Ash Notification, 2016.
 - e) Batteries (Management & Handling) Rules, 2010.
 - f) E-Waste (Management) Rules, 2016.
 - g) Construction and Demolition waste Management Rules, 2016.
 - h) Solid Waste Management Rules, 2016.

Other Conditions:

21. **The industry shall obtain and submit a copy of amendment to EC order at RO: Visakhapatnam for name change as M/s. The Ramco Cements Limited and inclusion of Ordinary Portland Cement (OPC) / Portland Pozzolana Cement (PPC) / Portland Slag Cement (PSC) / Composite Cement in the production capacity etc.,.**
22. 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.
23. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
24. 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 revoke the order, to review any or all the conditions imposed herein and to make such modifications as deemed fit and stipulate any additional conditions.
25. 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.

**Bandla Siva
Sankar
Prasad**

Digitally signed by Bandla Siva Sankar Prasad
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