



ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada - 520 010
Phone. No.0866-2463200, Website : <https://pcb.ap.gov.in/>

**RED CATEGORY
CONSENT & AUTHORIZATION ORDER (For Expansion)**

Consent Order No : APPCB/VSP/VSP/312/CFO/HO/2020

27/03/2020

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 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. Ramco Cements Limited, (After Expansion)
Gobburupalem (V), Kasimkota (M),
Visakhapatnam District – 531 055
E-mail: suresh_kch@ramcocements.co.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. Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge KLD	Point of Disposal
1	Domestic Effluents	15.5	The industry shall treat the effluents in STP. The treated effluent from the STP shall be used for onland irrigation within the plant premises.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m ³ /hr)
1	Attached to Slag drier	--
	Attached to Cement mill	--
2	Attached to packing plant	--
3	Attached to Hot Air Generator Cement Mill (VRM) - 130 TPH	--
4	Attached to packing plant - 180 TPH	--
5	Attached to packing plant - 240 TPH	--
6	Attached to packing plant - 240 TPH	--
7	Attached to 2 x 6250 KVA D.G. Set	--

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 6 (2)]:

M/s. Ramco Cements Limited, Gobburupalem (V), Kasimkota (M), Visakhapatnam District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

- HAZARDOUS WASTES WITH RECYCABLE OPTION:

Sl. No	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	Used Lubricating Oil	5.1 of Schedule - I	1500 LPA	Shall be routed through M/s. Andhra Pradesh Environment Corporation Limited (APEMCL) so as to send to APPCB Authorized agencies for Reprocessing / used as lubricant within the premises by maintaining manifest system

- NON- HAZARDOUS WASTE/ OTHER WASTE:

Sl. No	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	Used Led Acid Batteries	---	5 nos/year	Shall be sent to dealers on buy back system

This consent order is valid for the manufacture of following products along with quantities indicated only:

S.No.	Product	Quantity
1.	Ordinary Portland Cement (OPC) / Portland Pozzolana Cement (PPC) / Portland Slag Cement (PSC)/ Composite Cement	0.87 Million TPM (or) 1.05 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 & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorization shall be valid for a period ending with the 28th Day of February, 2021.

VIVEK YADAV IAS, MS(VY), O/o MEMBER SECRETARY-APPCB

To
M/s. Ramco Cements Limited,
Gobburupalem (V), Kasimkota (M),
Visakhapatnam District – 531 055

Copy to :

- The JCEE, Zonal Office, Visakhapatnam for information and necessary action.
- The Environmental Engineer, Regional Office, Visakhapatnam 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 industry 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 industry 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 applicant 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 applicant 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. The industry 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 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.
9. The industry 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.
10. The industry may explore the possibility of tapping the solar energy for their energy requirements.

SCHEDULE-B

1. The industry has not yet constructed separate storm water drains, hence, the industry shall construct storm water drains by 30.06.2020.
2. The industry has not yet provided concrete roads in the plant to avoid the fugitive dust emissions; hence, the industry shall provide concrete internal roads by 30.06.2020.

3. The industry has not yet provided online stack monitoring facility for all the major stacks, hence, the industry shall install online stack monitoring facility for all the major stacks by 15.04 2020 & data connected to APPCB website and report the compliance to RO, Visakhapatnam.
4. The industry has not yet constructed STP to treat the domestic effluents of 15.5 KLD, hence, the industry shall construct and commissioned the STP by 31.07.2020.

WATER POLLUTION:

5. The effluent discharged shall comply with the tolerance limits mentioned below:

Outlet	Parameter	Limiting Standards (mg/l except for pH)
1.	pH	6.50 - 8.50
	Oil and Grease	10 mg/l
	BOD (3 days at 27 ⁰ C)	30 mg/l
	Total Suspended Solids	<100 mg/l
	Fecal Coliform (FC) (Most Probable Number per 100 milliliter, MPN/100ml)	<1000 MPN/100 ml

6. The source of water is bore wells. The water consumption shall not exceed the quantities mentioned below:

S.No	Purpose	Quantity (KLD)
1.	Equipment Cooling	90.0
2.	Dust suppression	5.0
3.	Green belt	20.0
4.	Domestic	19.0
	Total	134.0

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

7. The industry shall maintain flow meters preferably Electro Magnetic flow meters with totalisers for water measurements for different categories of water usage stipulated in this order.
8. The industry shall maintain collection cum sedimentation tank of capacity 30,000 m³ for storm water collection.
9. Effluents shall not be discharged outside the industry premises or any water bodies or aquifers under any circumstances.
10. The industry shall maintain dry condition outside drains in un-rainy season.

AIR POLLUTION:

11. The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

Chimney no	Para meter	Concentration
1 & 2	Particulate Matter	30.mg/Nm ³
	SO ₂	100 mg/Nm ³
	NO ₂	800 mg/Nm ³
3 to 6	Particulate Matter	30.mg/Nm ³
	SO ₂	100 mg/Nm ³
	NO ₂	600 mg/Nm ³

- 12.The industry shall comply with standards / stack height etc., stipulated in the GSR 612 (E) dated 25.08.2014 notified by MoEF&CC, Gol and submit the compliance report.
- 13.The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mm) - 100 mg/ m³; PM2.5 (Particulate Matter size less than 2.5 mm) - 60 mg/ m³; SO₂ - 80 mg/ m³; NO_x - 80 mg/m³, outside the factory premises at the periphery of the industry.
Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.
Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A)
- 14.The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Act Rules. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.
- 15.The industry shall submit the source of clinker with quantities transported to the plant to RO, Visakhapatnam every three months.
- 16.The industry 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.
- 17.The industry shall submit 3rd party ambient air quality data of atleast four stations monitored through a recognized laboratory every month to RO, Visakhapatnam.
- 18.The industry shall procure mechanical road sweeping machines within 3 months.
- 19.The industry shall maintain adequate dust collection and extraction system to control the fugitive dust emissions at various transfer points, raw material handling, bagging, packing, parking areas etc. Air pollution control equipment such as Bag filters shall be maintained at Raw material hoppers, grinding mills and Silos. Industry shall submit stack monitoring data of all the stacks connected to mills every month to Regional Office-Visakhapatnam.
- 20.The industry shall maintain
 - a. Raw material storage sheds. The storage of raw material shall be in closed roof sheds / silos.
 - b. 25% additional bags as spare in the bag houses to meet the emergency requirements.
 - c. Interlocking system for air pollution control equipments provided with raw material feeding system so that the feeding of raw material would be stopped incase the air pollution control equipments fails.
- 21.The industry shall cover all the raw material transfer point conveyer belts with GI sheets. Water spraying system and dust suppression system shall be carried out around the coal, iron ore, lime stone stock pile sheds and around the conveyer system.
- 22.Vacuum / pneumatic dust collection system shall be used for cleaning the internal roads.
- 23.Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits. Guidelines / Code of Practice issued by the CPCB shall be followed. The emission standards issued for the Cement plant shall be followed.

GENERAL:

- 24.The over all 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.
25. The industry 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.
 26. The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily production details.
 - b. Quantity of Effluents generated, treated, recycled/reused.
 - c. Log Books for pollution control systems.
 - d. Hazardous/non hazardous solid waste generated and disposed.
 - e. Inspection book.
 - f. Manifest copies of effluents / hazardous waste.
 27. The industry shall develop 33 % green belt in all the vacant places by 31.08.2020. In future, excess green belt over and above 33 % of total area can be utilized for industrial activity as per requirement of industry.
 28. The industry shall obtain the PLI policy which includes Environmental Relief Fund (ERF), if applicable and submit copy to RO, Visakhapatnam on yearly base
 29. Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.
 30. The conditions stipulated are without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

SCHEDULE - C

[See rule 6(2)]

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. An application for the renewal of an authorisation shall be made as laid down under these Rules.
9. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

Specific Conditions:

10. The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under

Rule 18 and 19 of the HWM Rules, 2016.

- 11.The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
- 12.The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
- 13.The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
- 14.The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
- 15.The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016 by June 30th for the period ensuring 31st March of the year.

The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) 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 NABL accredited third party.

VIVEK YADAV IAS, MS(VY), O/o MEMBER SECRETARY-APPCB

To
M/s. Ramco Cements Limited,
Gobburupalem (V), Kasimkota (M),
Visakhapatnam District – 531 055

Signature Not Verified

Digitally signed by Vivek Yadav
Date: 2020.03.27 10:51:50 IST
Reason: Approved

