



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/>

Amendment Order No: APPCB/VJA/VJA/488/CTO/HO/2019 30/11/2022

Sub: APPCB – UH-IV - CTO – **M/s. The Ramco Cements Ltd.**, Kumarasamy Raja Nagar, Jaggaiahpet, NTR District – CTO&HWA (Amendment) Order – Issued – Reg.

- Ref:**
1. CTO Order no. APPCB/VJA/VJA/488/CFO/HO/2017, Dt.02.11.2021, valid upto 30.06.2026.
 2. CTO Amendment Order no. APPCB/VJA/VJA/488/CFO/HO/2017, Dt.02.12.2021.
 3. Representation made by the industry on 05.09.2022.
 4. RO, Vijayawada report on 09.09.2022.
 5. CTO Committee Meeting held on 17.11.2022.
 6. CTE Amendment Order No.253/APPCB/CTE/RO-VJA/HO/2009, Dt. 29.11.2022.
 7. Representation of the industry made on 29.11.2022

The Board issued CTO&HWA order to **M/s. The Ramco Cements Ltd.**, Kumarasamy Raja Nagar, Jaggaiahpet, NTR District vide order dt.28.07.2021 which is valid upto 30.06.2026 for Cement Plant Line - III and WHRB. The Board issued amendment order dt 02.12.2021 extended the validity upto 31.01.2027.

The industry submitted an application to the Board requesting for inclusion in CTO & HWA for amendment of hazardous or non hazardous waste material as alternative fuel in cement kilns. The RO, Vijayawada vide letter dated 09.09.2022 submitted the report forwarding the industry application.

The EE, RO: Vijayawada, vide reference 5th cited. The item was placed before the CTO Committee meeting held on 17.11.2022.

The issue of CTO&HWA (Amendment) for inclusion of certain hazardous or non-hazardous waste quantities was placed in the CFO Committee meeting held on 17.11.2022. After detailed discussion on the verification report of RO, Vijayawada, Agenda and submissions of the industry, the committee recommended to issue CFO&HWA Amendment after obtaining CFE Amendment Order.

The Board vide reference 6th cited dt. 29.11.2022 issued CTE(Amendment) to the CTE (Expansion) order dt.17.10.2019 for usage as a raw material / alternate fuel for co-processing in cement kilns. Now the industry while enclosing a copy of CTE (Amendment) order submitted a representation requested the Board to issue CTO & HWA (Amendment) order 29.11.2022.

The Board after careful scrutiny, hereby issues for the following amendments to the CTO&HWA Order dated 02.11.2021 for usage as a raw material / alternate fuel for co-processing in cement kilns, issued by the Board vide reference 1st cited & CTE amendment order vide reference 2nd cited, 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 Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary, Movement) Rules,2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

S. No	Material	Quantity as per CFO order dt.02.11.2021	Quantity as per Amendment
1.	Gypsum	1,80,000 TPA	1,80,000 TPA
2.	Pet Coke (Indian or Imported) for Cement Plant	4,74,666 TPA	4,74,666 TPA
3.	Organic Waste / residue (liquid)	1,800 TPM	21,600 TPA
4.	Organic Waste / residue (solid)	1,800 TPM	36,000 TPA
5.	Spent Carbon	1,500 TPM	60,000 TPA
6.	Spent Solvents	1,500 TPM	18,000 TPA
7.	Waste Oils (Furnace oil sludge, Gear Box Oil, Lube oil and Used Grease)	150 TPA	1,800 TPA
8.	Iron ore fines, rejects / screened / iron sludge	20,000 TPA	20000 TPA
9.	Waste Tyre / Rubber / Non-recyclable rubber waste from footwear industry	1,000 TPM	12,000 TPA
10.	Municipal Waste (RDF) / Plastic Waste	100 TPM	1,200 TPA
11.	Agro Wastes – Agro Ash, Risk Husk, Coir Waste, Shells, Bio-Compost & Other Wastes	41,000 TPA	45,000 TPA
12.	Carbon Black	----	5,000 TPA
13.	Paint Sludge from Automobile industries	----	2,000 TPA
14.	ETP sludge from Pharma industries	----	10,000 TPA
15.	ETP sludge from Refined Oil industries	----	10,000 TPA
16.	ETP Sludge from Food Industries / Bulk Drug Industries / Paint Industries / Textile	----	10,000 TPA

	Industries / Dyeing Industries / Automobile Industries		
17.	Spent Ion Exchange Resin containing Toxic Metals, Chemical Sludge and Oil & Grease Skimming from Common Industrial Effluent Treatment Plants (CETPs)	----	5,000 TPA
18.	STP Sludge / WTP Sludge	----	10,000 TPA
19.	Organic Spent Solvents	----	10,000 TPA
20.	Process or Distillation Residues	----	10,000 TPA
21.	Waste Mix from Pre-processing Units	----	10,000 TPA
22.	Fast Moving Consumer Goods (FMCG) / Trade Rejects	----	10,000 TPA
23.	Fiber Reinforced Plastic (FRP) waste	----	10,000 TPA
24.	Carbon Sludge	----	10,000 TPA
25.	Spent Catalyst	----	5,000 TPA
26.	Refinery Sludge from Petro Chemical Industries	----	5,000 TPA
27.	Oil Sludge / Emulsion, Slop Oil, Organic Residue from Process, Chemical Sludge from Waste Water from Petroleum Refinery	----	5,000 TPA
28.	Furnace or Reactor Residue & Debris, Tarry Residues & Still Bottom from Distillations, Oily Sludge Emulsions, Organic Residues, Residues from Alkali Wash of Fuels, Spent Catalyst & Molecular Sieves, Oil from Waste Water Treatment from Petrochemicals Process & Pyrolytic Operations	----	5,000 TPA
29.	Mixed Waste from Pharma industries	----	10,000 TPA
30.	Distillation Residue	----	5,000 TPA
31.	Tank Bottom Sludge from Petroleum products storage terminals	----	5.0 TPA
32.	Still Bottom Residue from Bulk Drug Industries	----	10,000 TPA
33.	ETP Sludge, Still Bottom Residue from Pesticide Industries	----	10,000 TPA
34.	Waste / Residue (Sludge from Process), Filters & Filter Materials from Polymer Industries	----	10,000 TPA
35.	Dismantled Lube / Fuel Oil Filer from Diesel Loco Sheds	----	10,000 TPA

36.	Furnace or Reactor Residue & debris, Tarry Residues & Still Bottoms from Distillation, Oil Sludge Emulsion, Residues from Alkali Wash of Fuels from Petrochemicals Processes and Pyrolytic Operations	----	5,000 TPA
37.	Cathode Residues including Pot Lining Wastes and Tar containing Wastes from Aluminum industries	----	5,000 TPA
38.	Cargo Residue, Washing Water & Sludge Containing Oil, Cargo Residue and Sludge containing Chemicals, Sludge & Filters contaminated with Oil, Ballast Water Containing Oil from Ships from Cleaning, Emptying and Maintenance of Petroleum Oil Storage Tank including Ships	----	5,000 TPA
39.	Waste Cutting Oils	----	10,000 TPA
40.	Phosphate Sludge and Plating Metal Sludge	----	5,000 TPA
41.	Red Mud	----	10,000 TPA
42.	Non-hazardous Waste (automobile Interiors) from Automobile Industry	----	5,000 TPA
43.	Mango Seeds / Stones / Peels from Pulp Industries	----	10,000 TPA
44.	Expired food products	----	5,000 TPA
45.	Non-hazardous waste from Custom Depots, Sea Ports, Air Ports	----	5,000 TPA
46.	Tapestry Waste (Carpet Cuts, Scotchbrite) from Automobile Industries	----	10,000 TPA
47.	Non-hazardous (belt cuttings, conveyor belts, drive belts) from Engineering Industries	----	10,000 TPA
48.	Waste Cotton Cloth Cuttings from Textile Industries	----	10,000 TPA
49.	Lead Slag from Steel Industry	----	10,000 TPA
50.	Copper Slag	----	5,000 TPA
51.	Non-hazardous waste – Railway Coach Waste (Seat Covers, Card Boards, Foam Waste, etc.)	----	10,000 TPA
52.	Non-hazardous waste from Packing Industry like Thermocol, Bubble Wrap, etc.	----	10,000 TPA
53.	Lime sludge	----	10,000 TPA
54.	Dolochar / other byproducts from Sponge Iron Industry	----	10,000 TPA

55.	Foundry waste from Metal Foundries	----	10,000 TPA
56.	Inorganic salts from Rotary Kilns	----	10,000 TPA
57.	Pre-treated leaching sludge	----	10,000 TPA

All the conditions stipulated in CTO&HWA Order dt.02.11.2021 and validity as per CTO Amendment Order dt. 02.12.2021 will remain same.

**VIJAY KUMAR GSRKR IAS, MEMBER SECY(GSRKRVK), O/o MEMBER SECRETARY-
APPCB**

To

M/s. The Ramco Cements Ltd.,
Kumarasamy Raja Nagar, Jaggaiahpet,
NTR District.
E-mail: mcljpm@ramcocements.co.in

Copy to:

1. The JCEE, ZO: Vijayawada for information and necessary action.
2. The EE, RO: Vijayawada for information and necessary action.