



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/>

Consent Amendment Order No: APPCB/VJA/GTR/205/HO/CFO/2018- 14/07/2022

Sub: APPCB – UH-IV - CFO – M/s. Bhavya Cements Limited, Sy. No. 1172, 838-82, Tangeda(V), Dachepali (M), Guntur District – Amendment to the CFO order for using alternative fuels and co-processing of Hazardous waste in Cement Plant kiln – Issued - Reg.

- Ref:
1. Consent & Authorisation Order No: APPCB/VJA/GTR/205/HO/CFO/2014-914, dt: 29.12.2014 valid up to 31.08.2018 (for Cement & Lime stone Mining).
 2. Auto Renewal of Consent Order No:APPCB/VJA/GTR/205/HO/CFO/2018, dt: 06.06.2018, valid up to 31.08.2023.
 3. CFE Amendment Order No.265/APPCB/CFE/RO-GNT/HO/2008, dt.30.08.2018.
 4. Consent & Authorisation Order No: APPCB/VJA/GTR/205/HO/CFO/2018, dt: 15.10.2018, valid up to 31.08.2023 for use of Pet coke as an alternate fuel.
 5. CFE (Expansion) Order No.265/APPCB/CFE/RO-GNT/2008, Dt.06.12.2018 (for expansion of WHRPP - 7.22 MW).
 6. Consent & Authorisation Order No: APPCB/VJA/GTR/205/HO/CFO/2020, Dt: 09.07.2020 valid up to 31.08.2023 for WHRPP
 7. CFE Amendment Order No. 265/APPCB/CFE/RO-GNT/HO/2008 25/04/2022 (for using alternative fuels and co-processing).
 8. CFO application received through OCMMS on 06.05.2022 (ID No. 2065819).
 9. RO, Guntur verification report dated 31.05.2022.
 - 10.CFO Committee meeting held on 15.06.2022.

The Board vide reference 1st cited, issued CFO&HWA to M/s. Bhavya Cements Limited, Guntur District with validity upto 31.08.2018 to manufacture the following products:

S. No.	Product	Quantity
1.	Cement	1.4 Million TPA
2.	Lime Stone Mining	14,85,000 TPA

The Board vide reference 2nd cited, extended the validity of consent order dated 29.12.2014 for further period upto 31.08.2023.

The Board vide reference 3rd cited, issued CFE amendment for usage of Pet Coke [166.70 TPD (or) 5000 TPM] as an alternative fuel in the Cement Kiln during the production of clinker.

The Board vide reference 4th cited, issued CFO amendment for usage of Pet Coke [166.70 TPD (or) 5000 TPM] as feed stock or in the manufacturing process in the Cement Kiln in the following proportions:

Case - 01	50% of Coal	50 % pet coke
Case - 02	100 % pet coke	

The Board vide reference 5th cited, issued CFE (Expansion) for generation of Power by Waste Heat Recovery of Kiln pre-heater, Cooler gases & Tertiary air Duct (WHRPP) - 7.22 MW.

The Board vide reference 6th cited, issued CFO&HWA (Expansion) for generation of Power by Waste Heat Recovery of Kiln pre-heater, Cooler gases & Tertiary air Duct (WHRPP) - 7.22 MW.

The Board vide reference 7th cited, issued CFE Amendment for using alternative fuels and co-processing.

The industry vide reference 8th cited, applied for Amendment of CFO&HWA Order for using alternative fuels and for co-processing of certain hazardous wastes with specific quantities in the cement kiln. The E.E., RO, Guntur submitted a report, vide reference 9th cited, in this regard.

The issue was placed in the CFO Committee meeting of the Board held on 15.06.2022.

The representative of the industry attended the meeting.

After detailed discussion on the verification report of RO, Guntur, Agenda and submissions of the industry, the committee recommended to **issue CFO&HWA Amendment order to the industry to comply with the following conditions:**

1. The industry shall submit the storage plan of all raw materials, hazardous wastes and non-hazardous wastes within 15 days. The industry shall not store raw materials and clinker openly.
2. The hazardous wastes shall be stored in dedicated closed sheds only. The required storage facility shall be provided within two months.
3. The industry shall provide water flow meter at inlet of STP within two months.
4. The industry shall obtain the registration under plastic waste management rules 2016 and submit the EPR plan for collection of plastic waste within a month.

The Board after careful examination of the request of the industry, report of RO: Guntur and recommendation of the CFO committee, hereby issues Amendment to the CFO&HWA (Expansion) order dated 09-07-2020 (ref. 6th) under Section 25/ 26 of the Water (Prevention & Control of Pollution) Act, 1974 under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and amendments thereof & under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof as following:

Amendment:

Hazardous Waste Authorization (Form-II) [see Rule 6 (2)] mentioned at S. No. iii) at pages 2 of CFO&HWA order dated 09-07-2020 (ref. 6th) shall be included with the following:

S. No.	Name of the Hazardous Waste	Stream	Quantity	Method of Disposal
1	Spent Carbon	28.3 of Schedule-I	18000 TPA	Shall be routed through M/s.APEMC to use as an alternative fuel / Co-processing.
2	Spent Organic Residue solid	28.1 of Schedule-I	40000 TPA	
3	ETP sludge	35.3 of Schedule-I	24000 TPA	
4	Spent Gypsum	28.1 of Schedule-I	30000 TPA	

5	Waste oil/ Used oil from the machinery of existing cement plant	5.1 of Schedule-I	10 KL/Annum	
6	Waste Grease from the machinery of existing cement plant	5.2 of Schedule-I	6000 Kgs/Annum	

All other conditions stipulated in Schedules – A, B & C mentioned in CFO&HWA (Expansion) order dt.09.07.2020 and its validity period i.e., upto 31.08.2023 will remain the same.

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

To

**M/s. Bhavya Cements Limited,
Sy. No. 1172, 838-82,
Tangeda (V), Dachepalli (M),
Guntur District**

Email: environmental@bhavyacement.in / cgmworks@bhavyacement.in / bhavyacement@yahoo.co.in

Copy to:

1. The JCEE, Zonal Office, Vijayawada for information and necessary action.
2. The EE, Regional Office, Guntur for information and necessary action.