



ANDHRA PRADESH POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A-3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

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CONSENT & AUTHORISATION ORDER
BY REGD. POST WITH ACKN. DUE

Consent Order No : APPCB/JA/GTR/205/HO/CFO/2014- 914

Date : 29.12.2014

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008 & Amendments thereof.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorisation under the provisions of HW (MH & TM) Rules (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to

M/s. Bhavya Cements Limited,
Sy.No.1172, 838-82, Tangeda (V),
Dachepalli (M),
Guntur District - 522 414
E-Mail: bhavyacements@yahoo.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 after treatment in STP	64	Shall be used for on land for gardening within the premises.

II. Emissions from chimneys:

Chimney No.	Description of Chimney
1.	Attached to Raw Mill and Kiln
2.	Attached to Coal Mill
3.	Attached to Cooler
4.	Attached to Cement Mill -I
5.	Attached to Cement Mill -II
6.	Attached to Limestone crusher / Pulverizer
7.	Attached to transfer points at Limestone conveyors
8.	Attached to 500 KVA DG set

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 5 (4)]

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

S. No.	Name of the Hazardous Waste	Stream	Quantity of Hazardous waste	Disposal Option
1.	Used oil / Waste lubricating oil	5.1 of Schedule - I	500 LPA	Authorized Reprocessors / Recyclers.
2.	Grease for lubrication	5.2 of Schedule - I	200 Kg/annum	

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

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

This order is subject to the provisions of the Acts and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This consent should be valid for a period ending with the 31st day of August, 2018.

Sd/-
MEMBER SECRETARY

To/
M/s. Bhavya Cements Limited
Sy.No.1172, 838-82, Tangeda (V),
Dachepalli (M),
Guntur District - 522 414

//T.C.F.B.O//

U Rao
31/12/14
JOINT CHIEF ENVIRONMENTAL ENGINEER
(Unit-IV)

SCHEDULE - A

All the conditions stipulated in the Schedule - A of the earlier combined CFO & HWA order No APPCB/VJA/GTR/205/HO/CFO/2010-2102, dated 16.11.2010 remains same. The industry should ensure consistent compliance of each conditions of Schedule-A".

SCHEDULE - B

1. The effluent discharged should not contain constituents in excess of the tolerance limits mentioned below.

Outlet No.	Parameter	Limiting Standards
1.	pH	6.5 - 8.5
	Suspended Solids	200.0 mg/l
	Oil and Grease	10.0 mg/l
	Biochemical Oxygen Demand (BOD _{3 days} at 27°C)	100.0 mg/l

2. The industry should file the Water Cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry should remit water cess as per the assessment orders as and when issued by Board.
3. The industry should take steps to reduce water consumption to the extent possible and consumption should NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity
1.	Process	140.0 KLD
2.	Washings	
3.	Boiler Feed	80.0 KLD
4.	Industrial Cooling (make up)	
5.	Domestic including Plant & Township	
Total		220.0 KLD

4. The emissions should not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emission Standards
1 to 7	Particulate Matter	50 mg/Nm ³

5. The industry should comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10µm) - 100 µg/ m³, PM_{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m³, SO₂ - 80 µg/ m³, NO_x - 80 µg/ 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).
6. The industry should not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE & CFO of the Board.
7. The industry should made permanent arrangements for utilization of treated domestic water for plantation purpose within the premises, no treated effluents should join into the vaagu.
8. The industry should not discharge waste water to outside the premises.
9. The industry should develop and maintain greenbelt including Cement Plant & Township and mine lease area. Green belt develop should develop in and the outside periphery of the industry.
10. The industry should provide permanent system to transport the domestic effluents from storage tank to treatment facility.
11. The industry should take all measures to control the fugitive emissions during transportation of lime stone from lime stone crusher (which is located at other side of the road) to the plant.
12. The industry should not construct anything adjacent to the vagu other than compound wall and should leave sufficient place so that the encroachment of vagu should not take place.
13. The industry should maintain continues online SPM monitor intact with recording facility for continuous monitoring of kiln stack gases and should regularly under take calibration of the same. The details of the calibration schedule and consolidated online monitoring data should be submitted to R.O., Guntur for every three months.
14. The industry should submit details of Kiln ESP tripping's to the Regional Office of the Board for every three months.
15. The industry should submit monthly consolidated report of daily operating hours of kiln, ESP and reasons for ESP tripping to the RO, Guntur and Board office.
16. The industry should install & maintain interlocking facility between APC equipment and raw material feeding system to regulate the feeding of raw material into the Kiln, so that feeding of raw materials would stop automatically in case the air pollution control equipment fails. The industry should regularly calibrate the performance of interlocking system & furnish report to the Board.
17. The industry should furnish details of fly ash brought from the nearby Coal based Thermal Plants and quantity of fly ash consumed per each ton of product, inventory of fly ash at on-site along with details of measures implemented to mitigate fugitive emissions at various transfers to R.O., Guntur for every three months.
18. The industry should provide adequate dust collection and extraction system to control fugitive emissions at various transfer points & the dust collected from pollution control equipments should be recycled back into the process. The compliance status should be reported to RO – Guntur within a month.
19. Bio Indicator Plants should be planted and maintained along the boundary of the industry & should furnish compliance status regularly to the Board.
20. The industry should provide the water sprinkling upto crusher hopper located in the plant from main gate.
21. The industry shall ensure regular maintenance and operation of the on-line stack monitoring systems and CAAQM stations with tamper proof mechanism having facilities for online calibration.
22. The industry vide letter dt. 19.12.2014 submitted purchase order for two AAQM stations. The industry shall install the two AAQM stations in addition to the existing one AAQM station, within a month and submit monthly reports. One ambient air quality monitoring station should be set up in the down wind direction in consultation with RO, APPCB, Guntur.
23. The industry should store raw materials in a closed roof sheds / silos.

24. The industry should maintain the records on utilized for cement production and stocks maintained at on-site and should submit consolidated reports to the Regional Office of the Board once in six months. ✓
25. The industry should ensure consistent compliance of Environmental Clearance obtained from MoEF, Gol on 22.09.2008. ✓
26. The industry should maintain the compliance of conditions stipulated in CFE order No.265/PCB/CFE/RO-GNT/HO/2008, dt. 26.06.2008 issued by the Board. ✓
27. The applicant should submit Environment statement in Form V before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments. ✓

SCHEDULE - C

[see rule and 5(4)]

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

1. The industry should give top priority for waste minimization and cleaner production practices.
2. The industry should not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
3. The industry should store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The industry should not dispose Waste oils to the traders and the same should be disposed to the authorized Reprocessors/ Recyclers.
5. The industry should dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The industry should take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
7. The industry should maintain 6 copy manifest system for transportation of waste generated and a copy should be submitted to Board Office and concerned Regional Office.
8. The industry should maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorisation.
9. The industry should maintain proper records for Hazardous 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 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
10. The industry should submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.
11. The industry should dispose of e-waste to the authorized recyclers only.

Sd/-
MEMBER SECRETARY

To
**M/s. Bhavya Cements Limited,
Sy.No.1172, 838-82, Tangeda (V),
Dachepalli (M),
Guntur District – 522 414.**

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W. Rao
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**JOINT CHIEF ENVIRONMENTAL ENGINEER
(Unit-IV)**

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