



BHAVYA CEMENTS PRIVATE LIMITED

(A Subsidiary of Anjani Portland Cement Limited)

(An ISO 9001 : 2015 Certified Company)

CIN : U26941AP2007PTC053611, GSTIN : 37AADCB1182A1Z8

Letter.No.:BCPI./ENV/APPCB/ES/2024/01

Date: Sep30, 2024

To,
The Member Secretary,
Andhra Pradesh Pollution Control Board,
APIIC Colony Road,Guru Nanak Colony,
Auto Nagar,Vijayawada - 520007

Sub.: Environmental Statement Report under the Environment (Protection) Act, 1986 of M/s. Bhavya Cements Private Limited located at Village Tangeda, Mandal Dachepalli, District Palnadu, (A.P).

Respected Sir,

Please find enclosed herewith Environmental Statement Report in Form - V for the Financial Year 2023 - 2024 ending with 31st March of M/s. Bhavya Cements Private Limited for your kind perusal.

Thanking You.

Yours Sincerely
For M/s. Bhavya Cements Private Limited
(A Subsidiary of Anjani Portland Cement Ltd)

S. Baba Fakruddin
Unit Head

Cc:
The Environmental Engineer,
A.P. Pollution Control Board,
Regional Office - Guntur,
JKC College Rd, Vijayapuri Colony,
Guntur, Andhra Pradesh 522006



Registered Office & Works :
Tangeda (Village),
Dachepally (Mandal), Guntur District,
Andhra Pradesh - 522 414
E-mail : hrworks@bhavyacement.in

Corporate Office : Unit No. C2, 2nd Floor,
Quena Square, Taj Deccan Road,
Erramanzil, Hyderabad, Telangana - 500 082
Phone : 040-23553864/65
Email : info@bhavyacement.in

BHAVYA CEMENTS PRIVATE LIMITED

FORM – V

**Environment Statement Report
For the FY - 2023-24**

**of
Cement Plant, Including Mines**

**At Tangeda, Dachepalli,
Andhra Pradesh 522414**

ENVIRONMENTAL STATEMENT FORM-V**(See rule 14)****Environmental Statement for the financial year ending with 31st March****PART-A**

(i)	Name and address of the owner/occupier of the industry operation or process	Mr S. BABA FAKRUDDIN M/s Bhavya Cements Private Limited, Tangeda Village, Dachepalle Mandal, Palnadu District of Andhra Pradesh , India.
(ii)	Industry category <input type="checkbox"/> Primary <input type="checkbox"/> Secondary <input type="checkbox"/>	Red category Cement Clinker
(iii)	Production capacity Units	Cement - 4200 TPD Clinker - 3000 TPD
(iv)	Year of establishment	2010
(v)	Date of the last Environmental Statement submitted	26.09.2023

PART-B**Water and Raw Material Consumption****(i) Water Consumption in m³/d****Process:** Not Applicable (As plant is based on Dry Process technology)**Cooling:** 94 m³/day**Domestic:** 75 m³/day

Name of Products	Process water consumption per unit of product output	
	During the previous Financial Year (April 2022 – March 2023)	During the current Financial year (April 2023 – March 2024)
Cement	0.098 m ³ /Ton	0.040 m ³ /Ton

(ii) Raw Material Consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year (April 2022 – March 2023)	During the current financial year (April 2023 – March 2024)
Lime Stone	Clinker/ Cement	1.429	1.678
Laterite		0.062	0.083
Iron ore		0.000	0.000
Indigenous Coal		0.079	0.065
Imported Coal		0.110	0.129
Pet Coke		0.000	0.000
Fly Ash		0.109	0.121
Gypsum		0.036	0.024

PART-C

Pollution discharged to environment /unit of output (Parameter as specified in the Consent issued)

Pollutants	Quantity of pollutants discharged in kg/day*	Concentration of pollutants discharged (mg/l)	Percentage of variation from prescribed standard with reasons.
(a) Water			
Effluent Water: There is no effluent generation from Cement Manufacturing Process			
Domestic Sewage Treated Water: Details are mentioned as under			
pH	NA	7.29	Within the limit
Oil & Grease	0.054	<1	-90%
Total suspended solids	1.188	22	-78%
BOD	0.162	3	-90%

Pollutants	Quantity of pollutants discharged in (Tons/day)	Concentration of pollutants discharged (mg/Nm3)	Percentage of variation from prescribed standard with reasons.
(b) Air point Source emission			
Raw Mill & Kiln			
PM	0.128	13	-56.67%
SO2	0.089	9	-91 %
NOX	3.475	352	-41.33%
Cooler			
PM	0.150	16	-46.67%
Coal Mill			
PM	0.026	10	-66.67%
Cement Mill - 1			
PM	0.018	19	-36.67%
Cement Mill - 2			
PM	0.017	14	-53.33%

***Note:** The kiln & cooler is operated for 205.67 days, cement mill - 1 is 161.05 days & Cement mill - 2 is 110 days.

PART-D

Hazardous Wastes

[as specified under hazardous wastes (Management & Handling rules,1989)].

Hazardous Waste	Total Quantity (Its)	
	During the Previous financial year (April 2022 – March 2023)	During the current financial year (April 2023 – March 2024)
Used Oil	Nil	Nil
Waste containing residue (Grease)	Nil	Nil

PART-E
Solid Wastes

Solid Waste	Total Quantity	
	During the Previous financial year (April 2022 – March 2023)	During the Previous financial year (April 2023 – March 2024)
(a) From Process	Nil	Nil
(b) From Pollution control Facility	Dust collected in ESPs, Baghouses and DE systems are recycled back to the system	
(c) Quantity recycled or reused within the unit	Dust collected in ESPs, Baghouses and DE systems are recycled back to the system	

PART-F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Hazardous waste:

- o Cement Plant manufacturing is based on Dry Process technology. No Hazardous waste is generated from the process except used oil & waste grease which is generated from machineries and it is sent to authorize recycler/used in-house.

Solid Waste:

- o Dust collected from cement plant pollution control equipments is being totally recycled in the respective circuits.
- o Top soil is being used for back filling at low lying areas, haulage Roads and afforestation.

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

M/s Bhavya Cements Pvt Ltd is being operated on dry process technology, which is cost effective and environmentally clean technology. The advantage of dry process is also in fuel economy.

- o To emphasis on conservation of natural resources and to reduce the disposal problems of the waste from other units like Pharmaceuticals etc., a total 4536.07 tons of hazardous waste is utilized in the year 2023-2024.

- The Colony domestic waste water is treated in a sewage treatment plant and treated used for green belt thus reducing the fresh water consumption required for green belt at colony.
- All pollution control equipment's are working with higher efficiency, the maximum portion of materials collected in APCD's are recycled and used in process, thus conserving raw material and reducing dust emission.

PART-H

Additional measures/investment proposal for environmental protection including abatement of pollution/prevention of pollution.

- All main & internal roads are concreted to avoid fugitive emissions.
- Water sprinkling system provided at road side at in Mines area to reduce fugitive emissions.
- Green development is our ongoing process within our plant area. In the year 2023-2024 a total of 2000 including Cement plant & colony area and Mines.

PART-I

Any other particulars for improving the quality of the environment.

- Periodic Monitoring of Stack emissions, Air and Water parameters.
- Celebration of Environment Day for environment awareness among employees and contract workmen within the plant premises.
- The company has obtained IMS Certification (ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018)

Date: 30.09.2024


Authorized signatory