ISO 9001 : 2015, ISO 14001 : 2015 and
ISO 45001 : 2018 Company
CIN : L26942TG1983PLC157712

Anjani Portland Cement Ltd.
(A Subsidiary of Chettinad Cement Corporation Pvt. Ltd.)

APCL/Works/ENV/2025-010

17th September 2025

To
The Environmental Engineer,
RO-TSPCB, Nalgonda,
1st Floor, Sri lakshmi Complex,
Sri Vinayaka nagar, Hyderabad road,
Nalgonda-508001.

Respceted Sir,

Sub: **Submission of Form V of Cement Plant, CPP & Mines for the Year 2024-25 – Reg.**

Ref:
1. **Order No. TSPCB//NLG/CFO/HO/2024 dated 17.05.2024.**
2. **Order No.TSPSCB/AUTO RENEWAL/CFO/RO-NLG/HO/2021-1246. dated 06.11.2021.**
3. **Order No.TSPSCB/AUTO RENEWAL/CFO/RO-NLG/HO/2021-1245. dated 06.11.2021.**
4. **Order No.TSPSCB/RCP/NLG/HO/CFO/2022 dated 04.08.2022.**

With the reference of special conditions in schedule B of TSPCB CFO orders for Cement Plant, CPP, Mines cited above (1,2,3 &4), as per statutory requirement as per rule no.14 of Environment Protection rules 1986, we are here with submitting **Environmental Statement in Form V** of **Anjani Portland Cement Limited Plant(incl. Cement Plant, CPP & Mines(Mine-I & IV)** for the Year **2024-2025**.

We request you to acknowledge the same

This is for your kind reference and records please.

Thanking you,

Yours sincerely,
For Anjani Portland Cement Limited

N. VENKAT RAJU
Managing Director

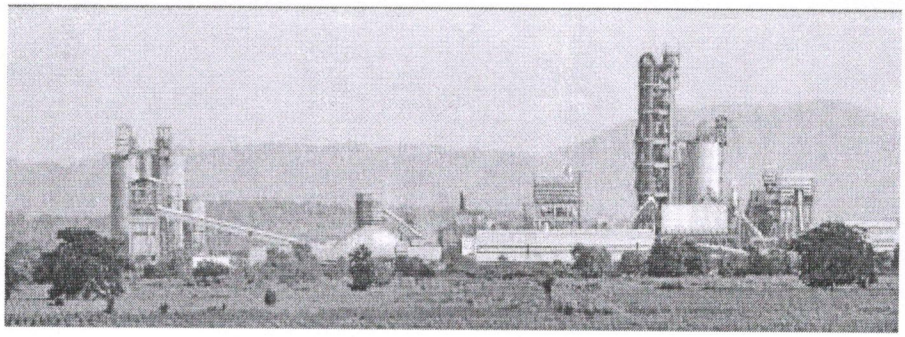
Encl: - Form V of Plant, CPP & Mines for Year 2024-2025

CC: - **MS-TSPCB, Hyderabad.**

ENVIRONMENTEAL STATEMENT (FORM V)

FINANCIAL YEAR 2024-25

Clinker: 3485 TPD
Cement: 5835 TPD
CPP: 16 MW
Limestone Mining: Mine-I & III (5575 TPD)
Mine-IV: 333 TPD



M/s. ANJANI PORTLAND CEMENT LIMITED,

(A Subsidiary of Chettinad Cement Corporation Limited)

Gudimalkapuram (Post),Chintalapalem(Village & Mandal)

Suryapet (Dist). T.S.

FORM – V

(See Rule 14)

Environmental Statement Report for Financial Year Ending 31st March 2025

Part – A

A.	Name and address of the owner /occupier of the industry operation or process	:	N. Venkat Raju Managing Director **M/s. Anjani Portland Cement Limited.,** Sy.No.226,Gudimalkapur (Post), Chinthalapalem Village & Mandal, Suryapet (Dist) T.S.
B.	Industry category Primary – (STC Code)	:	--
C.	Secondary- (SIC Code)	:	--
D.	Production capacity	:	Clinker : 3485 TPD Cement : 5835 TPD CPP : 16 MW Limestone Mining (Mine-I & III) : 5575 TPD Limestone Mining (Mine-IV) : 333 TPD
E.	Year of establishment	:	2010
F.	Date of last environmental statement submitted	:	**22.05.2025**
G.	Produced Quantity (2024-25)	:	Clinker : 5,87,832 TPA Cement : 7,05,239 TPA CPP : 60,374 MW Limestone Mining (Mine-I) : 752995.74 MT Limestone Mining (Mine-IV) : 97987.44 MT

Part – B

Water and Raw Material Consumption

1. Water consumption in m^3/day: 77.0 m^3 + 150 m^3 (CPP) + 46.4 m^3 (Mines)
   - Process : 56.0 m^3 + 100 m^3 (CPP)
   - Cooling : -- + 50 m^3 (CPP)
2. Domestic/Greenbelt : 21.0 m^3 + -- + 46.4 m^3 (Mines)

Name of the products	Process water consumption per unit of products (m^3/Tonne of Product)	
	During the current financial year (2023-24)	During the current financial year (2024-25)
Cement	0.049	0.043

Raw Material Consumption:

Name of raw materials	Name of products	Consumption of raw material per unit of output (MT of Raw materials/ MT of Product)	
		During the current financial year (2023-24)	During the current financial year (2024-25)
1. Limestone	Cement/Clinker	1.2871	1.2101
2. Laterite		0.0153	0.0132
3. ETP Sludge		0.0023	0
4.Process sludge		0	0
5. Casting Sludge		0	0.0010
6. Fly ash in Raw Mill		0.0044	0.0199
7. Coal		0.1152	0.0945
8. Iron Sludge		0.0018	0.0010
9.Alternate Fuels (Spent Carbon, Organic Solid)		0.0114	0.0142
10. Pet coke		0	0.0003
11. Chemical Gypsum		0.0279	0.0308
12. Spent Gypsum		0	0
13. Rice Husk		0.0001	0
14. Dolachar		0	0
15. Fly ash in Cement		0.1068	0.1120
16. Slag in Cement		0.0091	0.0012

Part – C

Pollution Discharged To Environment/Unit of Output

(Parameter as specified in the consent issued)

Pollutants		**Quantity of pollutants discharged (mass/day)**	**Concentrations of pollutants in discharges (mass/volume)**	**Percentage of variation from prescribed standards with reasons**	
a) Water	**Pollutants**	**Kg/day**	**mg/L**	**%**	Proper and timely maintenance of control equipments, all values are well within the prescribed standards.
Domestic Sewage	Total Suspended Solids	0.03	41.5	-58.50	
	Biological Oxygen Demand	0.002	24.3	-19.17	
	Oil & Grease	0.000	1.0	-90.00	
b) Air					
Emissions / Stack	**Pollutants/Parameter**	**Kg/day**	**mg/Nm^3**	**%**	
Raw Mill-I	Particulate Matter	13.5	7.7	-55	
Kiln/RABH-I		7.5	17.3	-75	
ESP Cooler-I		21.5	26.1	-28	
Coal Mill-I		15.5	4.8	-48	
Cement Mill-I		11.5	4.8	-62	
Cement Mill-II		7.0	7.8	-77	
Kiln/RABH-II		9.3	51.4	-69	
ESP Cooler-II		17.3	77.5	-42	
Coal Mill-II		9.4	9.0	-69	
Cement Mill-III		12.0	8.9	-60	
CPP		7.8	0.5	-84	

Part – D

Hazardous Waste

As specified under

Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Hazardous waste	Total Quantity (MT)	
	During the current financial year (2023-24)	During the current financial year (2024-25)
a) Form Process		
Used/Waste Oil	10.702 KL	12.565 KL
Hi-Chrome Balls	Nil	Nil

Part – E

Solid Waste

Solid waste	Total Quantity (Tonnes)	
	During the current financial year (2023-24)	During the current financial year (2024-25)
A. From process	Nil	Nil
B. From pollution control facilities	Nil	Nil
C. 1. Quantity recycled or re-utilized within the unit (Fly ash)	19682.48	19719.082
2. Sold	Nil	Nil
3. Disposed	Nil	Nil

Part – F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicates disposal practice adopted for both these categories of wastes

There are 12.565 MT/Year of Waste Lube Oil and 0 No's of Lead Acid Batteries are generated from the plant. Waste Lube Oils are stored in drums and incinerated in the kiln.

There is no generation of solid waste from this unit. The intermediate products, raw mill, clinker, cement mill and finished product collected in various pollution control systems are being recycled into the main process.

There is no generation of Over Burden as our all existing mines limestone is an outcrop.

Part – G

Impact of the Pollution Control Measures on Conservation of Natural Resources and Consequently On the Cost of Production

- Adequate measures taken to construct Check dams to maintain clear environment in and around the mine premises. There is a minimum impact on the surrounding environment. Cost of mining activity is slightly increased due to the pollution control measures.
- The Wagon Drill does drilling. (Wet Process) hence no dust during drilling activity is generated.
- Blasting is done based on the air conditions.
- Sprinkling of water on the top layer before blasting to reduce fine dust emissions.
- Sprinkling of water on the limestone before and while loading the trucks.
- Sprinkling of water on the roads at regular intervals to arrest the dust particles.
- Regular maintenance of the vehicle for proper combustion and reduced emissions.
- Movable windshields of 5m by 8m, which have to be kept to arrest the wind based in wind direction, are provided.
- The storage of the limestone has to be done in a proper way by constructing a retaining bund all round the storage area.
- Due care has been taken while loading the trucks so as to minimize the dust entering the air.
- Sewage Treatment Plant with capacity 200 KLD was installed for treatment of domestic water from colony and cement plant. STP treated water is being used for greenbelt development purpose. Thus, same amount of fresh water was saved.
- Alternate fuels are being used as fuel for conserving Coal and natural resources.
- Alternate raw materials like slag, Fly ash casting sand etc., are being used as additives to save natural resources like limestone, laterite etc.,
- Adequate measures taken to maintain clear environment in and around the factory premises. There is a bare minimum impact on the surrounding environment. Cost of production is slightly increased due to the pollution control measures.

Part – H

Additional Investment for Environmental Protection Including Abatement of Pollution

- An amount of 1.10 crores incurred towards capital expenditure for providing pollution control equipment such as Bag House, and storage facilities for materials.
- An amount of 10.00 lakhs incurred towards PCEs operation & maintenance, STP operation, Greenbelt development and maintenance.
- Greenbelt was developed in an area of about 21.5 ha with 82,200 no's of plants at Cement Plant and Colony as on 31.03.2025. Proposed greenbelt development for 2024-25 is with 4000 saplings.
- Greenbelt was developed in an area of about 11.0 ha with 21,200 no's of plants at Mines as on 31.03.2025. Proposed greenbelt development for 2024-25 is with 2000 saplings for Mines.

PART – I

Any Other Particulars for Improving the Quality of the Environment

- Remote calibration equipment has been installed for SO_2 and NOx analyzers as prescribed by the Central Pollution Control Board (CPCB).
- In 2023–24, Coal Mill-II main bag filter and Fine Coal Bin venting Dust Collector (DC) were installed for controlling stack emissions.
- In 2024–25, 840 bag filters were installed in Cement Mill-I and Mill-II for controlling fugitive emissions.
- 130 bag filters were installed in the Reverse Air Bag House (RABH) of Line-II during 2024–25 to manage fugitive emissions.
- 300 bag filters were installed in the Packing Plant, 320 in the Limestone Crusher, and 300 in the Raw Mill for enhanced emission control.
- A total of 1,890 bag filters were installed during 2024–25 for controlling fugitive emissions across various units.
- A raw material storage shed was installed in 2022–23 to minimize dust and fugitive emissions.
- The Alternate Fuel and Raw Material (AFR) side wall shed was enclosed with iron sheets in June 2024 to reduce particulate escape.
- Dyke wall construction for spill containment was completed in June 2024.

Authorized Signatory

N Venkat Raju
Managing Director