## Half Yearly Compliance Report 2024 01 Dec(01 Apr - 30 Sep)

# Acknowledgement

Proposal Name	Expansion project for increase of clinker production by process modification from 1.8 MTPA to 2.2 MTPA of Sree Jayajothi Cements Private Limited (My Home Industries Private Limited) at village Yanakandla, Mandal Banaganapalle, Nandyal District (Erstwhile Kurnool District), Andhra Pradesh.
Name of Entity / Corporate Office	Sree Jayajothi Cements Private Limited
Village(s)	N/A
District	NANDYAL

Proposal No.	J-11011/21/2014-IA II (I)
Plot / Survey / Khasra No.	N/A
State	ANDHRA PRADESH
MoEF File No.	J-11011/21/2014-IA II (I)

Category	Industrial Projects - 1
Sub-District	N/A
Entity's PAN	****6460P
Entity name as per PAN	SREE JAYAJOTHI CEMENTS PRIVATE LIMITED

# **Compliance Reporting Details**

**Reporting Year** 2024

Sree Jayajothi Cements
Private Limited Cement
Plant Expansion EC
Compliance report for the

period of Apr 24 to September 24

**Reporting Period** 01 Dec(01 Apr - 30 Sep)

# **Details of Production and Project Area**

Name of Entity / Corporate Office

Remarks (if any)

Sree Jayajothi Cements Private Limited

	Project Area as per EC Granted	Actual Project Area in Possession
Private	67.580	67.580
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	67.58	67.58

# **Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Cement	Million Tons per Annum (MTPA)	31/12/2027	3.2	2.4073	3.2
2	Clinker	Million Tons per Annum (MTPA)	31/12/2027	2.2	1.7852	2.2

# **Conditions**

# **Specific Conditions**

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The expansion project shall comply with the new MoEFCC standards vide GSR 612 (E) dt 25.08.2014 with respect to particulate matter, SO2, NOx for cement sector

#### PPs Submission: Being Complied

Complying the new MoEFCC standards vide GSR 612 (E) dt 25.08.2014, GSR 497(E) dated: 10.05.2016 with respect to particulate matter, SO2, NOx. Details of APCE are given below: Raw mill and Kilns: Pulse Jet Bag House Clinker Coolers: ESP Coal mill and Cement mills: Bag Filters Limestone Crusher: Bag Filters PM, SO2 and NOx values are well within new emission standards prescribed by MoEFCC.

Date: 02/11/2024

#### PPs Submission: Being Complied

Installed online Continuous Monitoring System (OCEMS) for Stack attached to the Raw mill/Kiln Bag House, Coal Mill baghouse, Cooler ESP and Cement Mill baghouse. All CEMS are connected to SPCB and CPCB server. Details of APCE are given below: Raw mill and Kilns: Pulse Jet Bag House Clinker Coolers: ESP Coal mill and Cement mills: Bag Filters Limestone Crusher: Bag Filters Low NOx burner installed and NOx values are well within the limit prescribed by MoEFCC i.e. below 800 mg/Nm3. All OCEMS are calibrated on Every three months basis

Date: 02/11/2024

3 Statutory co	•	Risk assessment study and Disaster Preparedness and Management Plan with a focus on Disaster Prevention along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.
----------------	---	---

# PPs Submission: Being Complied

On site emergency plan has been prepared and are being Implemented.

Date: 02/11/2024

All the pollution control devices / equipment in raw mill/kiln, kiln feeding system, clinker cooler, coal mill, cement mill and cement silo, shall be interlocked so that in the event of the pollution control devices / systems not working, the respective unit(s) shut down automatically

#### PPs Submission: Being Complied

Interlocking facility is provided to the major Pollution Control Equipment circuit so that in the event of the Pollution Control Equipment not working, the respective unit(s) will be shutdown automatically.

Date: 02/11/2024

5

# ENERGY PRESERVATION MEASURES

Possibilities shall be explored for the proper and full utilization of gaseous generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility report shall be prepared and a plan for implementation submitted to MoEFCC, RO .

#### **PPs Submission:** Being Complied

7.5 MW capacity WHRB power plant installed in 2018 for utilizing hot gases generated from kiln and Cooler. WHRB PP was commissioned in 2018 and is in operation. CTE and CTO obtain from APPCB. CTO order No. 273258/APPCB/KNL/KNL/CTO and HWA/HO/2024 dt. 23/05/2024 Validity Upto 30.08.2029. Year Power generation (MWH) 2020-21 27351.0 2021-22 33187.2 2022-23 39276.1

Date: 07/11/2024

6

### AIR QUALITY MONITORING AND PRESERVATION

Secondary fugitive emissions shall be controlled and should be within the prescribed limits & regularly monitored. Guidelines /Code of practice issued by the CPCB in this regard shall be followed.

# PPs Submission: Being Complied

Cement Concrete (CC) roads are laid and housekeeping is being maintained to control secondary fugitive emissions. CPCB Environmental Guidelines for Prevention and Control of Fugitive Emissions from Cement Plants are being followed All transfer points and storage silos are provided with dust collection and extraction systems for effective control of fugitive emissions. Sheds are provided for raw materials storage. Apart from this, Wind shelter fencing of 8 m (24 fts) height is constructed all around the raw materials storage yards. Fly ash handling by closed circuit pneumatic system. All raw material transfer conveyors are covered with GI sheet. Road sweepers and vacuum cleaner is deployed and good housekeeping is being maintained for controlling secondary fugitive dust emissions Fugitive dust monitoring is being carried out at 3 locations as per Fugitive Dust Monitoring Guideline on monthly basis through third party M/s. Lawn Enviro Private Limited, Hyderabad.

Date: 02/11/2024

7

Statutory compliance

Storage yard shall be lined and covered

#### PPs Submission: Being Complied

Shed are provided for raw materials storage. Apart from this, Wind shelter fencing of 8 m (24 fts) height is constructed all around the raw materials storage yards. Clinker stored in clinker storage silo of capacity 50,000 tonnes. Gypsum and additives are being stored in covered storage sheds with storage capacity of 5,000- tonnes and 5,000 tonnes respectively. Fly ash is being stored in silos with total capacity of about 5,000 tonnes. Cement is being stored in silos with total capacity of about 60,000 tonnes.

Date: 02/11/2024

8

## AIR QUALITY MONITORING AND PRESERVATION

Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and shall not be overloaded. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored.

#### **PPs Submission:** Being Complied

Fly ash is transported by closed containers only. Raw materials like Laterite, Slag are transported by trucks covering with tarpaulin. Separate area is provided for truck parking and regular water sprinkling is carried out at truck parking area. Vehicular emissions (PUC) certificate is being monitored as per Central Motor Vehicles Rules, 1989.

Date: 02/11/2024

9

WATER QUALITY MONITORING AND Total fresh water requirement after proposed expansion shall not exceed 1180m3/day. No ground water shall be used as proposed

	PRESERVATION		
Obtained pobtained fr Pradesh. L	rom the Irrigation and C.A.D (PW	m3/day from SRBC / GNSS Flood flow Canal has been V - Reforms) Department, Government of Andhra D/ATO/Jayajothi/179M dt: 04.07.2023 Valid for 5 years.	Date: 02/11/2024
10	WATER QUALITY MONITORING AND PRESERVATION	Efforts shall be made to further reduce water construsing air cooled condensers. All the treated wastewa recycled and reused in the process and/or for dust sugreenbelt development and other plant related activit process wastewater shall be discharged outside the fand zero discharge should be adopted.	ter shall be ppression and ies etc. No
Cement m Colony do Freated ef	mestic wastewater is treated in S	rocess wastewater is generated in cement manufacturing. IP and is utilized 100 Percent for gardening purpose. THRBPP is being re-used for dust suppression activities	Date: 02/11/2024
1	WATER QUALITY MONITORING AND PRESERVATION	Rain water harvesting plan shall be prepared and sl the water requirement of the project. The plan shall be RO of the MoEFCC within 3 months from the date of latter	e submitted to
Provision Pit water i	s being use in cement plant and W	Harvesting with holding capacity of 379660 m3. Mine VHRPP. Recharge structures constructed in and around ins are connected to Rain Water Harvesting and recharge	Date: 02/11/2024
2	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of influent and effluent surface and ground water should be ensured and treated was meet the norms prescribed by the State Pollution con described under the EP Act 1986 whichever are more	tewater should trol Board or
	mission: Being Complied anufacturing is dry process. No process.	rocess wastewater is generated in cement manufacturing.	Date: 02/11/2024
13	MISCELLANEOUS	Plan for use of fly ash in making PPC shall be prepascertaining its radioactive level shall fly ash be supputilization in cement manufacturing.	
Fly ash be		ear Fly ash Utilization details ( tonnes ) 2021-22 25.0 2024-25(Up to Sep) 192371.0 Total 1034007	Date: 07/11/2024
		The proposed cement plant kiln shall be provided verified feeding system to enable use of hazardous such cut tyres, etc. The proponent shall examine and preparative of high schools are the same and th	as oil sludge,
4	MISCELLANEOUS	utilization of high calorific wastes such as chemical distillation residues, refuse derived fuels, etc as alter on availability and composition. For this, the propon identify suitable industries with such wastes and enter for long term utilization of such wastes as per the E() and with necessary approvals.	nate fuel base ent shall er into an MO

Provision is made in 2022 for utilization of high calorific hazardous waste in cement kiln. 11097.9 MT of hazardous waste Co-processed in cement kiln from April-2024 to September-2024 Year Hazardous Waste Co-processed (tonnes) 2022-23 7493.715 2023-24 19562.11 Total 27055.82 All the bag filter dust, raw meal dust, coal dust, clinker dust and

07/11/2024

15

AIR QUALITY MONITORING AND **PRESERVATION** 

cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Sludge from domestic sources shall be used as manure for green belt development. Spent oil and batteries shall be sold to authorized recyclers / re-processors only.

## PPs Submission: Being Complied

All the dust collected in bag filters is recycled in cement manufacturing. STP sludge is being utilizing as manure for green belt. Waste oil being used as alternative fuel in Cement kiln. Batteries being sold to authorized recyclers / Re-processors only.

Date: 02/11/2024

16

**GREENBELT** 

Greenbelt shall be developed in at least 33% area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.

# PPs Submission: Being Complied

Total greenbelt developed 69.5284 ha. Greenbelt is developed in about 0.8 ha from April 2024 to September 2024 in and around cement plant premises. Year wise green belt details given below. Total 45 Percent greenbelt has been developed from the total area. Year Nos of Saplings Area covered in Ha 2010-16 61815 51.3 2016-17 8787 4.04 2017-18 3071 3.636 2018-19 6023 2.424 2019-20 5359 2.02 2020-21 3702 1.616 2021-22 1300 1.616 2022-23 3293 1.212 2023-24 2621 0.808 2024-25 1365 0.808 Total 71971 69.5284

Date: 02/11/2024

17

Corporate Environmental Responsibility

All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.

#### **PPs Submission:** Being Complied

All recommendations made in the CREP are being implemented.

Date: 02/11/2024

18

Statutory compliance

All the commitments made to the public during the Public hearing / Public consultation meeting held on the project for the existing EC shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the RO.

#### PPs Submission: Complied

The expansion was Clinker capacities 1.8 Million MT to 2.2 Million MT (0.4 MTPA) i.e. only 18 Percent clinker capacity enhancement during expansion of project, and the project was within the existing premises. Public hearing exempted for the expansion project

Date: 02/11/2024

19

Corporate Environmental Responsibility

At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing Issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bangalore. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and local administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the

project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO, Bangalore. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.

#### PPs Submission: Being Complied

Need based assessment study carried out by carried by Dr.D.V.L.N.V. Prasada Rao, Functional Area Expert (FAE) - Socio-Economy, from B.S.Envi-Tech (P) Ltd in nearby villages. Measures are being executing as per needs in consultation with local panchayat / administration. Sl.No Years Amount (Lakhs) 1 2018-2019 62.54 2 2019-2020 72.80 3 2020-2021 323.12 4 2021-2022 113.24 5 2022-2023 124.95 6 2023-2024 97.87 7 2024-2025 (Apr 24- Sept 24) 7.50

Date: 02/11/2024

Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

**PPs Submission:** Complied Not applicable, No construction activity involved for the expansion project

Date: 02/11/2024

#### General Conditions

1 Statutory compliance The project authorities must strictly adhere to the stipulations made by APPCB and the State Govt.	Sr.No.	Condition Type	Condition Details
	1	Statutory compliance	

PPs Submission: Being Complied
Obtained CTO from APPCB under the Air and Water Act, CTO order No.
365874/APPCB/KNL/KNL/CTO and HWA/HO/2022 valid up to 31.12.2027

2 Statutory compliance No further expansion or modifications in the plant shall be carried out without prior approval of the MoEFCC.

**PPs Submission:** Being Complied Prior approval will be obtained from MOEFCC/SEIAA before expansion / modification of any cement plant projects.

Date: 02/11/2024

At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 & NOx are anticipated in consultation with SPCB. Data on ambient air quality & stack emissions shall be regularly submitted to this Ministry including its Regional Office at Chennai and SPCB/CPCB once in six months.

### PPs Submission: Being Complied

08 nos manual ambient air quality monitoring stations established in the downward direction. Four continuous ambient air quality monitoring stations (CAAQMS) installed and connected to PCB server. Data on ambient air quality and stack emissions are being submitted to the Ministry including the Regional Office once in six months and APPCB monthly basis. Stack Emission and Ambient Air Quality data for the period April 24 to September 24 enclosed as Annexure-II.

Date: 02/11/2024

WATER QUALITY
MONITORING AND
PRESERVATION

Industrial wastewater shall be properly collected treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May, 1933 and 31st December, 1993 or as amended from

		time to time .The treated wastewater shall be utiliz plantation purpose.	ed for
	nission: Being Complied nufacturing is dry process. No process	s wastewater is generated in cement manufacturing.	Date: 02/11/2024
5	Noise Monitoring & Prevention	The overall noise levels in and around the plant a kept well within the standards (85 dBA) by provide control measures including acoustic hoods. Silence etc. On all sources of noise generation .The ambier shall conform to the standards prescribed under En (Protection Act 1935 Rules 1980 viz 75 dBA( day dBA (night time)	ing noise er enclosures nt noise level evironmental
The Noise lebelow 85 dE locations lik are being me	B (A). As a control measures we are pre- e Compressor rooms, DG house areas	working locations levels are being maintained rovided acoustic enclosure are provided at various s. The ambient noise at boundary of cement plant oratory recognized by MOEFCC. The Ambient cribed standards.	Date: 02/11/2024
6	Human Health Environment	Occupational health surveillance of the workers son a regular basis and records maintained as per the	
Occupational once in two Surveillance per factories conducted for being done to the conduction of the	years as per factories Act and records Programme is being conducted for conducted for conducted for conducted for contract workmen and employees Contract workmen and employees Conducted for conduct	being conducted for contract workmen, employees are being maintained. Occupational Health ontract workmen, employees once in two years as d. Latest Medical health checkup had been Occupational health surveillance of the workers va Diagnostics and Research Laboratory	Date: 02/11/2024
7	WATER QUALITY MONITORING AND PRESERVATION	The company shall develop rain water harvesting harvest the rain water for utilization in the lean sea recharging the ground water table.	
Rain Water constructed		ling capacity of 379660 m3. Recharge structures ses. Storm water drains are connected to Rain	Date: 02/11/2024
8	Statutory compliance	The project proponent shall also comply with all environmental protection measures and safeguard in the EIA/EMP report. Further, the company must socio -economic development activities in the surrovillages like community development programmes programmes, drinking water supply and health care	recommende t undertake ounding , educational
All recommon based assess Expert (FAI	ment study carried out by carried by E) - Socio-Economy, from B.S.Envi-T per needs in consultation with local p	es made in the EIA/EMP has being Compiled. Need Dr.D.V.L.N.V. Prasada Rao, Functional Area Cech (P) Ltd in nearby villages. Measures are being panchayat / administration. Sl.No Years Amount	Date: 19/11/2024
(Lakhs) 1 20	018-2019 62.54 2 2019-2020 72.80 3 6 6 2023-2024 97.87 7 2024-2025 (Ap	2020-2021 323.12 4 2021-2022 113.24 5 2022- or 24- Sept 24) 7.50	

		the State Government. An implementation schedul implement all the conditions stipulated herein shall to the Parional Office of the Ministry at Change	be submitted
	to the Regional Office of the Ministry at Chennai. The funds s provided shall not be diverted for any other purposes		
Separate for Expenditure Expenditure	re - Rs. 200.0 Lakhs spent for enviror	nental protection control measures. Capital nmental protection measures. Year wise recurring unt (Lakhs) 1 2022-23 115.16 2 2023-24 176.8 3	Date: 02/11/2024
10	Statutory compliance	A copy of clearance letter shall be sent by the proconcerned Panchayat, ZilaParishad/Municipal Corurban Local Body and the local NGO, if any, from suggestion / representation, if any, were received we processing the proposal. The clearance letter shall the web site of the company by the proponent.	poration, whom and while
The Enviro	omission: Being Complied onment clearance letter has been uplow.mahacement.com/sustainability/env		Date: 02/11/2024
11	Statutory compliance	The project proponent shall upload the status of of the stipulated environment clearance conditions, in of monitored data on their web site and shall updat periodically. It shall simultaneously be sent to the Office of the MOEF&CC at Bhubaneswar. The rest Office of CPCB and the SPCB. The criteria polluta namely; PM10, SO2, NOx (ambient levels as well emissions) or critical sectoral parameters, indicated projects shall be monitored and displayed at a convenent the main gate of the company in the public do	cluding result e the same Regional pective Zonal ant levels as stack I for the renient locatio
Reports ar APPCB or 23 to Mar ap(at)gov.	nce in six months. Latest six months h		Date: 02/11/2024
12	Statutory compliance	The project proponent shall also submit six mont the status of the compliance of the stipulated envirous conditions including results of monitored data (bot copies as well as by e-mail) to the Regional Office MOEF&CC, their respective Zonal Office of CPCI SPCB. The Regional Office of this Ministry at Bar / SPCB shall monitor the stipulated conditions.	onmental h in hard of B and the
Six-month 14.06.2022 report for	2 and also to APPCB once in six mon	aploaded in Parivesh Portal as per MoEFCC OM dt ths. Latest six months half yearly EC compliance d in parivesh porta and also Reports has been sent to	Date: 02/11/2024
13	Statutory compliance	The environmental statement for each financial y March in Form-V as is mandated to be submitted by proponent to the concerned State Pollution Control prescribed under the Environment (Protection) Rul amended subsequently, shall also be put on the well company along with the status of compliance of enconditions and shall also be sent to the respective F	Board as es, 1986, as bsite of the vironmental

Environm SJCPL/En complianc	v/2024-25. 10.09.2024 and also upl	of the MOEF&CC at Bangalore by e-mail  was submitted to APPCB Letter No. loaded the same on the company website. Six-monthly Parivesh Portal as per MoEFCC OM dt 14.06.2022	Date: 02/11/2024
14	Statutory compliance	The Project Proponent shall inform the public that has been accorded environmental clearance by the copies of the clearance letter are available with the may also be seen at Website of the Ministry of Env Forests and Climate Change (MoEF&CC) at http:// This shall be advertised within seven days from the of the clearance letter, at least in two local newspa widely circulated in the region of which one shall be vernacular language of the locality concerned and same shall be forwarded to the Regional office	Ministry and SPCB and vironment, Venvfor.nic.in e date of issue pers that are be in the
Advertiser (English)		(Telugu) New Paper and The New Indian Express given in two new papers on 06.05.2015. Eenadu - English.	Date: 02/11/2024
15	Statutory compliance	Project authorities shall inform the Regional Offithe Ministry, the date of financial closure and final the project by the concerned authorities and the da commencing the land development work.	approval of
EC dt 28.0	omission: Complied 04.2015 accorded for expansion of control commissioned after modernization	clinker production by modernization in existing cement	Date: 02/11/2024

T7º ~ º 4	Dl.	
V ISIL	Remarks	١

Last Site Visit Report Date:	N/A
Additional Remarks:	Cement Plant Expansion EC Compliance report (Oct'23 to Mar'24)

**Note:** This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.