

**Half Yearly Compliance Report
2024**

01 Dec(01 Apr - 30 Sep)

Acknowledgement

Proposal Name	M/s. MY HOME INDUSTRIES PRIVATE LIMITED, 60 MW CAPTIVE THERMAL POWER PLANT (Formerly, M/s. THEJA ENERGY LTD) MELLACHERUVU (VILL & MANDAL), SURYAPET DISTRICT.		
Name of Entity / Corporate Office	MY HOME INDUSTRIES PRIVATE LIMITED		
Village(s)	N/A		
District	SURYAPET		
Proposal No.	SEIAA/AP/NLG-16/2008-1296	Category	Thermal Projects
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	TELANGANA	Entity's PAN	*****9480C
MoEF File No.	SEIAA/TS/OL/NLG-05/2015	Entity name as per PAN	MY HOME INDUSTRIES PRIVATE LIMITED

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	Enclosed Six Monthly Environmental Clearance Compliance status report for the period April'2024 to September'2024 of 60 MW CAPTIVE THERMAL POWER PLANT.
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office MY HOME INDUSTRIES PRIVATE LIMITED

	Project Area as per EC Granted	Actual Project Area in Possession
Private	160	160
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	160	160

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	ELECTRICITY	MW	31/03/2026	60	141660	60

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	AIR QUALITY MONITORING AND PRESERVATION	At no time the particulate emissions from the common stack of height 100 m connected to the CFBC Boiler of capacity 1×242 TPH, should exceed 100 mg/Nm ³ . ESP shall be provided to control emissions. Appropriate control systems such as bag filters shall be provided at all transfer points, Raw material screen house, etc.
<p>PPs Submission: Being Complied</p> <p>The boiler is provided with 5 field ESP to maintain of particulate emissions to Less than 50 mg/Nm³ as latest norms for Thermal Power plants and Data of Apr 24 to Sept 24 is attached in Annexure 1. Bag filters are provided at transfer points to control fugitive dust emissions. Following are locations where bag filters are provided: 1. Coal Handling Junction Towers 2. Crusher House 3. Bunker Top 4. Flyash Silos</p>		Date: 07/11/2024
2	AIR QUALITY MONITORING AND PRESERVATION	Provision shall be made to provide Flue Gas Desulphurization (FGD) unit, if required in future
<p>PPs Submission: Being Complied</p> <p>Lime dosing system is provided for SO₂ emission control.</p>		Date: 07/11/2024
3	AIR QUALITY MONITORING AND PRESERVATION	On-line Ambient Air Quality Monitoring Station shall be installed. Energy meter shall be installed for all pollution control systems.
<p>PPs Submission: Being Complied</p> <p>We have installed 4 Nos. of Continuous Ambient Air Quality Monitoring Systems (CAAQMS), downwind, upwind and cross wind directions and connected to TGPCB and CPCB portals and data attached in Annexure 1. Energy Meters are provided to all pollution control systems.</p>		Date: 07/11/2024
4	AIR QUALITY MONITORING AND PRESERVATION	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points.
<p>PPs Submission: Being Complied</p> <p>All the transfer points are provided with Jet Pulse filters to control fugitive dust emissions.</p>		Date: 07/11/2024
5	AIR QUALITY MONITORING AND PRESERVATION	Storage of raw material shall be in closed roof sheds. Appropriate dust suppression system shall be provided all around the stockpiles and conveyor systems. All the roads in the plant area shall be asphalted /concreted and water shall be sprinkled to suppress the dust.
<p>PPs Submission: Being Complied</p> <p>Closed roof shed is provided for coal storage. Sprinkling system is provided at appropriate locations like dump hoppers etc., all the roads are concreted and curb walls are provided to suppress dust. Wind barrier sheets are provided along the peripheral wall of the coal storage area in order to reduce fugitive dust emissions.</p>		Date: 07/11/2024
6	AIR QUALITY	In plant control measures for checking fugitive emissions from all

	MONITORING AND PRESERVATION	the vulnerable sources like spillage/raw materials handlings etc. shall be provided. Further, appropriate control system such as bag filter shall be provided at all transfer points, raw material screen houses, stock house, product house etc., and Fugitive emissions shall be regularly monitored and records maintained.
<p>PPs Submission: Being Complied</p> <p>Fugitive emissions are being monitored continuously and all possible efforts to taken to control the fugitive emissions. Bag filters are provided at transfer points. Water spraying is done to control dust emission while stacker and reclaimer is operated. Air quality is being regularly monitored and record maintained.</p>		Date: 07/11/2024
7	AIR QUALITY MONITORING AND PRESERVATION	Raw materials shall be transported in covered trucks. All the belt conveyors shall be covered with G.I. sheets.
<p>PPs Submission: Being Complied</p> <p>Raw material (coal) transporting in covered trucks. Conveyors are covered with GI sheets across the length and width of conveyors.</p>		Date: 07/11/2024
8	AIR QUALITY MONITORING AND PRESERVATION	Ambient air quality including ambient noise levels must not exceed the standards stipulated under EPA or by State authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with APPCB and report submitted to the Board and to the Ministry's Regional Office at Bangalore half yearly.
<p>PPs Submission: Being Complied</p> <p>Ambient air quality including noise levels and stack emissions being monitored monthly and quarterly. Manual monitoring of Stack emission and ambient air quality being carried out by MoEFCC recognized laboratory of M/s. Lawn Enviro Private Limited and reports submitted to CPCB and TGPCB, values are within prescribed limits Reports are submitting to ministry on Half yearly basis at the time of compliance submission.</p>		Date: 07/11/2024
9	AIR QUALITY MONITORING AND PRESERVATION	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points. Bag filters are to be provided at raw material hopper Raw grinding ball mill, Raw meal storage silos. Bag filters shall be provided for raw material and cement storage silos, packing machines. The dust collected from the pollution control equipment shall be recycled back into the process.
<p>PPs Submission: Being Complied</p> <p>All transfer points are provided with bag filters and collected dust is recycled into the process. The bag filters are provided at the following units 1. Coal Handling Junction Tower 2. Crusher House 3. Bunker Top 4. Ash Silos</p>		Date: 07/11/2024
10	AIR QUALITY MONITORING AND PRESERVATION	Storage of raw material shall be in closed roof sheds. Water spray system shall be provided all around the coal stockpiles and dust suppression system around the coal conveyor system. All the roads in the plant area shall be asphalted /concreted and water sprayed to reduce the fugitive dust emissions.
<p>PPs Submission: Being Complied</p> <p>Coal shed is constructed. Sprinkling system is provided at appropriate locations like dump hoppers etc., all the roads are concreted and curb walls are provided. Coal shed and Wind barrier sheets are provided along the peripheral wall of the coal storage area in order to reduce fugitive dust emissions.</p>		Date: 07/11/2024
11	WATER QUALITY MONITORING AND PRESERVATION	The source of water is River Krishna, flowing at a distance of 15 Km from the site and existing lime stone mine pit. The total water requirement shall not exceed 5,496 Cum/day. Out of that, fresh water

		<p>requirement is 5,352 cum/day and 144 cum/day is recycled water. Quantity of water used for cooling tower make up is 4,032 Cum/day: demineralized water for boiler make-up is 168 Cum/day: 1,152 Cum/day is used for DM plant regeneration and Nano Filter back wash; 144 Cum/day is used for service Water & potable Water purposes.</p>
<p>PPs Submission: Being Complied Source of Water is from River Krishna. The total water requirement for various units viz., cooling tower, DM plant etc., from Apr 24 Sept 24 given below Sl.No Months Quantity (KLD) 1. Apr 24 63018 2. May 24 13472 3. Jun 24 0 4. July 24 0 5. August 24 0 6. September 24 0 All efforts are made to maintain the water consumption within consented quantity.</p>		<p>Date: 07/11/2024</p>
12	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The total wastewater generated is 2,228 m3/day. Out of that, 912 m3/day is from cooling tower blow down; 144 m3/day from Boiler blow down; 24 m3/day from DM regeneration; 1,128 m3/day from Nano Filter backwash; 20 m3/day from sanitary wastewater.</p>
<p>PPs Submission: Being Complied Wastewater generation for period of Apr 24 to Sept 24 is Avg. 401.16 m3/day. We ensure to maintain wastewater generation with consented capacity.</p>		<p>Date: 07/11/2024</p>
13	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>No effluent shall be discharge outside the factory premises and 'Zero' discharge shall be adopted. The DM plant regeneration water shall be subjected to neutralization. It shall be routed to a CMB along with cooling tower blow down and other waste water streams for dilution. The treated waste water shall conform to on land for irrigation standards prescribed by the MoEF&CC. The treated industrial waste water is to be used for dust suppression in the mines belongs to the proponent, ash handling plant, coal handling plant, cooling purpose; development of greenbelt, ash quenching, floor washing, development of green belt etc., and the domestic waste water of 20 KLD shall be deposited into the Septic tank followed by soak pit.</p>
<p>PPs Submission: Being Complied No wastewater is discharged to outside the company premises. Central Monitoring Basin (CMB) is provided for collection of wastewater streams for neutralization. The treated wastewater is being utilized for dust suppression, sprinkling in ash handling plant, coal handling plant, ash quenching and watering of greenbelt development in plant and CPP premises. Domestic wastewater is connected to septic tank followed by soak pit.</p>		<p>Date: 07/11/2024</p>
14	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The company must harvest the rainwater from the rooftops and storm water drains to recharge the ground water.</p>
<p>PPs Submission: Being Complied Rain water harvesting pit is constructed with water holding capacity of 80,000 m3 at NE- Corner within cement plant premises and recharge pits are constructed in the plant and colony.</p>		<p>Date: 07/11/2024</p>
15	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Green belt of width 20m around the plant, in an area of 40 Ac., shall be developed along the boundary as per the CPCB guidelines in consultation with the local DFO. The density of the trees should be around 600 plant per Ac.</p>
<p>PPs Submission: Being Complied Overall greenbelt area developed is 68.0 Ha. i.e. (42 Percent) of cement plant area 160 Ha. Further, greenbelt along periphery of the cement plant and at open areas is being strengthened. For the period of Apr 24 to Sep24 We are developed 3,900 Nos. of native saplings in an area of 2.38 Ha. In cement plant premises.</p>		<p>Date: 07/11/2024</p>

16	WASTE MANAGEMENT	The ash generated (1,08,000 TPA) from the plant is to be utilized for manufacture of cement in the plant belongs to group company M/s. My Home Industries Ltd. exists adjacent to the site as mentioned during the presentation. The bottom ash shall be used in the cement plant and reject shall be used for filling in the mines of the group company.
PPs Submission: Being Complied Generated ash (fly) is being utilized in our cement plant for manufacturing of Pozzolona Portland Cement (PPC). Bottom ash mixed with cement is utilized for minor civil works in the plant and colony.		Date: 07/11/2024
17	WASTE MANAGEMENT	Waste oils, Used oils generated from the industry shall be disposed as per the Hazardous waste (Management and Handling) rules and its amendments thereof to recyclers authorized by APPCB.
PPs Submission: Being Complied Generated waste oil and grease co-processed in Kilns with valid authorization through TGPCB vide Consent Order: No. 210822979374 Dt. 30.07.2021 valid upto 30.06.2026.		Date: 07/11/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Center and Collector's Office/ Tehsildar's Office for 30 days.
PPs Submission: Complied --		Date: 07/11/2024
2	MISCELLANEOUS	The project authorities should advertise at least in two newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, AP.
PPs Submission: Complied Notification published in The Hindu and Sakshi newspapers on 28.08.2009.		Date: 07/11/2024
3	Statutory compliance	The SEIAA or any other component authority may alter / modify the above conditions or stipulated any further condition in the interest of environment protection.
PPs Submission: Being Complied Agreed and followed accordingly.		Date: 07/11/2024
4	MISCELLANEOUS	Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act,1986.
PPs Submission: Being Complied Agreed.		Date: 07/11/2024
5	MISCELLANEOUS	The company shall undertake eco-development measures including

		community welfare measures in the project area.	
		<p>PPs Submission: Being Complied MHIPL has taken up community development programmes / activities in the nearby villages under CSR in co-ordination with local communities and panchayats. Year wise expenditure under Community development activities at nearby villages is given below. Year Total amount (Lakhs.) 2021 - 22 104.08 2022 - 23 141.28 2023 - 24 107.63 2024-25 (Apr 24-Sep 24) 35.76 Some of the activities are: Infrastructure and sustainable development fund donated to nearby villages viz., Mellacheruvu, Venkatrampuram, Yepalamadhavaram, Choutapalli and Mattampally. Skilled development scheme implemented for sustainability near Mellacheruvu and surrounding areas.</p>	<p>Date: 07/11/2024</p>
6	PUBLIC HEARING	The proponent shall explicitly follow the suggestions and commitments made in the public hearing in protection of the environment	
		<p>PPs Submission: Being Complied Commitments made during Public Hearing (PH) are being implemented in consultation local body based on local needs requirement. Year wise expenditure under Community development activities at nearby villages is given below. Year Total amount (Lakhs.) 2021 - 22 104.08 2022 - 23 141.28 2023 - 24 107.63 Apr 24-Sep 24 35.76</p>	<p>Date: 07/11/2024</p>
7	MISCELLANEOUS	The proponent shall obtain all other mandatory clearances from respective departments.	
		<p>PPs Submission: Being Complied All necessary approvals are obtained.</p>	<p>Date: 07/11/2024</p>
8	Statutory compliance	The above conditions will be enforced inter-alia, under provisions of the Water(Prevention &Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act,1986 and the Public Liability Insurance Act,1991 along with their amendments and rules	
		<p>PPs Submission: Complied Agreed.</p>	<p>Date: 07/11/2024</p>
9	Statutory compliance	This order is valid for a period of 5 years	
		<p>PPs Submission: Complied Power Plant commissioned in the valid period.</p>	<p>Date: 07/11/2024</p>
10	Statutory compliance	“Consent for Establishment shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any construction work at site.	
		<p>PPs Submission: Being Complied CFE obtained from TGPCB vide order No.230/PCB/CFE/RO-NLG/HO/2009-1297 dt. 25.08.2010 and Latest CFO order No. 210822785161 dated 17.02.2021 valid upto 31.03.2026.</p>	<p>Date: 07/11/2024</p>
11	Statutory compliance	No change in the process technology and scope of working should be made without prior approval of the SEIAA,AP.	
		<p>PPs Submission: Being Complied Prior approval will be obtained from SEIAA if change in process technology and scope of working.</p>	<p>Date: 07/11/2024</p>
12	Statutory compliance	The proponent shall submit half-yearly compliance report in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA on 1st June and 1st December of each calendar	

		year.	
<p>PPs Submission: Being Complied Latest six monthly EC compliance report was submitted for the period Oct 23 to Mar 24 vide Ref No. MHIPL/MCW/ENV/2024/84, Dated 20.05.2024.</p>			Date: 07/11/2024
13	AIR QUALITY MONITORING AND PRESERVATION	Four ambient air quality-monitoring stations should be established in the core Zone as well as in the buffer zone for RSPM, SPM, SO ₂ , NO _x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	
<p>PPs Submission: Being Complied Total 14 Nos. locations are identified for monitoring of ambient air quality which includes core and buffer zone based on the meteorological data. Ambient air quality are being monitored monthly by MoEFCC recognized environmental laboratory.</p>			Date: 07/11/2024
14	AIR QUALITY MONITORING AND PRESERVATION	Data on ambient air quality (RPM, SPM, SO ₂ , NO _x , CO and VOC) should be regularly submitted to the Ministry including its Regional Office located at Bangalore and the SPCB / CPCB once in six months	
<p>PPs Submission: Being Complied Ambient Air Quality monitoring Stations to monitor PM₁₀, PM_{2.5}, SO₂ and NO_x. Reports are submitted /uploaded in Parivesh Portal as per MoEFCC OM dt 14.06.2022 and also to TGPCB once in six months.</p>			Date: 07/11/2024
15	AIR QUALITY MONITORING AND PRESERVATION	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	
<p>PPs Submission: Being Complied Mandatory Safety PPE are provided as per company policy personnel working in dusty areas and adequate training on safety and health aspects are provided for workmen.</p>			Date: 07/11/2024
16	Human Health Environment	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	
<p>PPs Submission: Being Complied Annual medical check-up conducted for 367 employees by external agency M/s. Yodha Diagnosis, Hyderabad on 10th - 11th Sep, 2023. The records of the same are being maintained.</p>			Date: 07/11/2024
17	MISCELLANEOUS	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the organization	
<p>PPs Submission: Being Complied Separate Environment cell exists at site and corporate office with qualified personnel which are under control of Senior Executive, heading the Organization.</p>			Date: 07/11/2024
18	MISCELLANEOUS	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional office located at Bangalore.	
<p>PPs Submission: Being Complied Separate Funds was earmarked towards recurring cost/annum for environmental equipment and pollution control measures. Sl.No. Year Wise Amount (Lakhs) 1. 2020-21 25.33 2. 2021-22 11.02 3.</p>			Date: 07/11/2024

2022-23 12.92 4. 2023-24 5.16 5. Apr 24- Sept 24 4.88 towards recurring expenditure for pollution control and Environmental protection measures.

19

MISCELLANEOUS

The Regional Office of MoEF&CC located at Bangalore monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.

PPs Submission: Being Complied
MHIPL will extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information / monitoring reports.

Date:
07/11/2024

20

MISCELLANEOUS

A copy of clearance letter shall be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.

PPs Submission: Complied
Complied, Copy of the clearance submitted to Gram panchayat.

Date:
07/11/2024

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:

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.