

Ref: MHIPL-MCW/ENV/2024/184

19.09.2024

To
The Environmental Engineer
Telangana State Pollution Control Board, Regional Office
H.NO. 8-15, 1st floor, Sri Laxmi complex, Near RTO,
Sri Vinayaka Nagar, Hyderabad Road,
NALGONDA - 508 001

Dear Sir,

Sub: Submission of Environmental Statement (Form-V) for the FY 2023-24 -Reg.

Ref: Consent order no. 210822991269, Dated. 23.07.2021

This has reference to the subject cited above, we are herewith submitting Environmental Statement (Form-V) for the Financial Year 2023-24 as required under the Environment Protection Rules, 1986 for our **15 MW Captive Power Plant**.

This is for your kind information and records please.

Thanking you

Yours faithfully
for MY HOME INDUSTRIES PRIVATE LIMITED



N. Srinivasa Rao
President (Works) & Unit Head



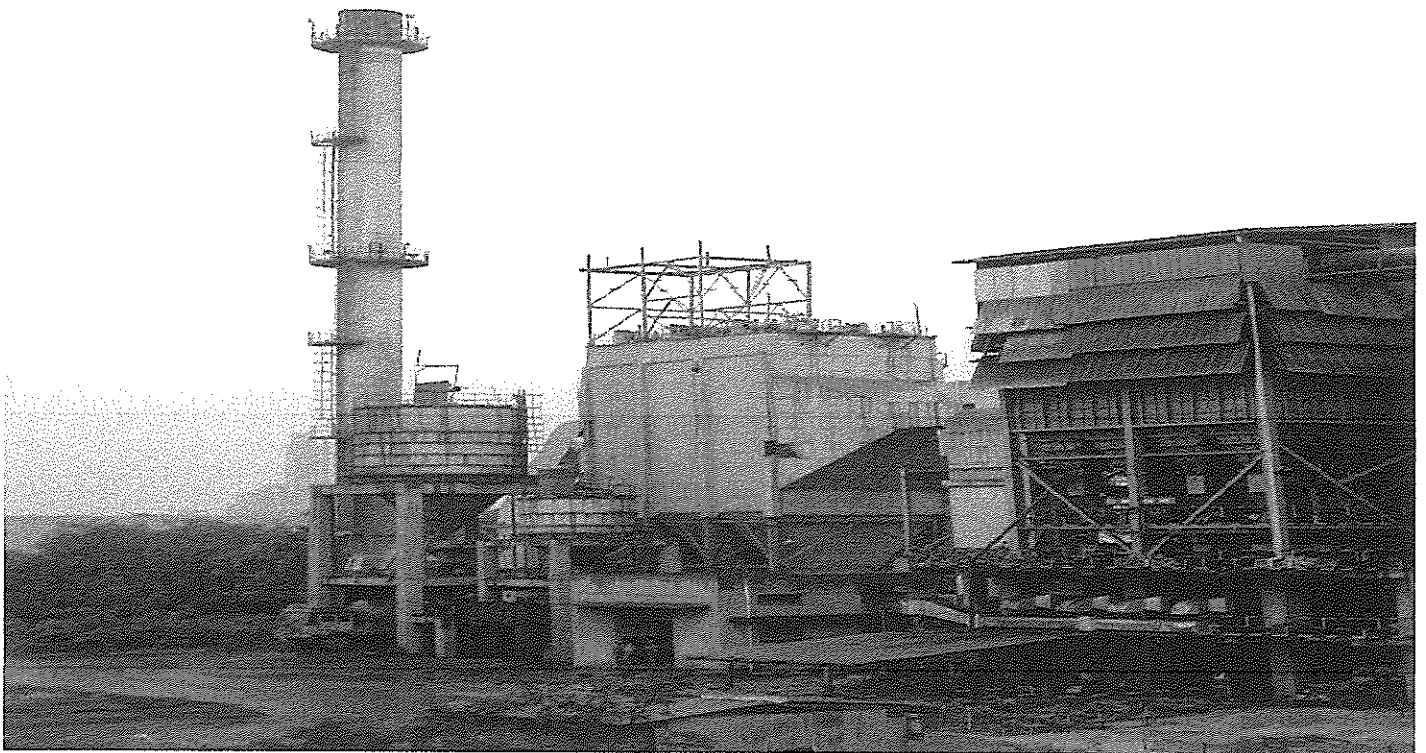
Encl: As Above

Cc: The Member Secretary, Telangana Pollution Control Board, Paryavarana Bhavan, A3,
IE, Sanathnagar, HYDERABAD – 500 018.

ENVIRONMENTAL STATEMENT REPORT

(FORM-V)

YEAR 2023-24



15 MW CAPTIVE THERMAL POWER PLANT

MY HOME INDUSTRIES PRIVATE LIMITED

Mellacheruvu (Vil. & Mdl.) - 508 246
Suryapet District, Telangana State

FORM - V
(See Rule 14)
Environmental Statement Report for Financial Year Ending 31st March 2024

PART - A

Name and address of the owner / occupier of the industry operation or process : **Sri. Chandra Shekhar Pandey**
Director (Operations)
My Home Industries Private Limited
(15 MW Thermal Power Plant)
Mellacheruvu (V&M)
Suryapet Dist.,- 508 246.

Industry category Primary (STC Code) : Red category
Secondary - (STC Code)

Production capacity : 15 MW

Year of establishment : 2003

Date of last environmental statement submitted : 23rd Sept'2023

PART - B
WATER AND RAW MATERIAL CONSUMPTION

Water consumption in m³/day

Process : 23.97
Cooling : 1119.1
Domestic : 4.84

Name of the Product	Process water consumption per unit of products (m ³ /MWH)	
	During the Previous Financial Year (2022-23)	During the current Financial Year (2023-24)
Power	3.19	3.21

RAW MATERIAL CONSUMPTION

Name of raw Material	Name of product	Consumption of raw material per unit of output (MT/MWH)	
		During the Previous Financial Year (2022-23)	During the current Financial Year (2023-24)
Coal (Indigenous & Imported)	Power	0.883	0.871

POWER CONSUMPTION (KWH/KWH OF POWER GENERATION)

During the Previous Financial Year (2022-23)	During the current Financial Year (2023-24)
0.088	0.080

TOTAL POWER GENERATION (MWH)

During the Previous Financial Year (2022-23)	During the current Financial Year (2023-24)
77,957	52,606

PART - C
POLLUTION DISCHARGED TO ENVIRONMENT
(Parameter as specified in the consent issued)

Pollutant		Quantity of pollutants discharged 2023-24	Concentration s of pollutants in discharges 2023-24	Percentage of variation from prescribed standards with reasons
a) Water		Kg/day	mg/L	%
	TDS	332.68	1670.0	-20.48
	TSS	12.07	60.6	-39.43
	Copper (Total)	0.028	0.14	-86.00
	Iron (Total)	0.041	0.21	-79.29
	Phosphate	0.057	0.29	-94.26
	Zinc	0.028	0.14	-85.71
	Chromium	0.031	0.16	-22.14
O&G	0.026	0.10	-98.69	
b) Air		Kg/day	mg/Nm³	%
Boiler Stack	PM	39.1	26.44	-47.1
	SO ₂	170.6	132.3	-77.9
	NO _x	34.6	26.8	-91.1
	Mercury	0.0	0.0	-100

Note: * Emission standard for PM and SO₂ are applicable from 31.12.2018.

Emission standard for NO_x (450 mg/Nm³) are applicable from 19.10.2020 as per notification G.S.R. 662(E).

PART - D
HAZARDOUS WASTE

As specified under
Hazardous and Other Waste (Management and Transboundary Movement)
Rules, 2016

Hazardous waste	Total quantity (Kgs)	
	During the Previous Financial Year (2022-23)	During the current Financial Year (2023-24)
From process		
Waste Oil	25	10
Waste Grease	26	25
From pollution control facilities	--	--

Note*: Waste oil and waste grease is being utilized in-house for chain lubrication No waste is disposed to authorized recycler.

PART - E
SOLID WASTE

Solid waste	Total quantity (Tonnes)	
	During the Previous Financial Year (2022-23)	During the current Financial Year (2023-24)
From pollution control facilities (Fly Ash)	25,789	13,698.89

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

Hazardous waste (Waste oil and used grease) is generated from machinery maintenance and reused for lubrication in chains of Stacker - Reclaimer in cement plant.

Generated fly ash 13,698.89 MT 100% utilised in manufacture of PPC cement at our cement plant.

PART - G

IMPACT OF THE POLLUTION CONTROL MEASURES ON CONSERVATION OF NATURAL RESOURCES AND CONSEQUENTLY ON THE COST OF PRODUCTION

Fly ash is being 100% utilized in our cement plant for manufacturing Portland Pozzolona Cement. Thus, limestone consumption per ton of cement manufacturing is reduced.

PART - H

ADDITIONAL INVESTMENT FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT OF POLLUTION

MHIPL spent an amount of Rs. 5.16 Lakhs during 2023-24 towards Environmental protection & Abatement of Pollution (Maintenance, PCEs maintenance, PCEs energy consumption charges).

PART – I

ANY OTHER PARTICULARS IN RESPECT OF ENVIRONMENTAL PROTECTION AND ABATEMENT OF POLLUTION

- Greenbelt was developed in an area of about 3.20 ha with 7540 No's of plantations at Cement Plant, CPP-1 & CPP-2.
- Shed for coal storage and wind barrier sheets are constructed to arrest fugitive dust emissions from coal yard.
- Waste water generated from the Captive Power Plant is used for dust suppression & greenbelt development.
- Remote Calibration System is installed for 15 MW CPP stack as per CPCB guidelines.
- Lime dosing system is available to control of SO₂ emissions.

Authorized Signatory



N Srinivasa Rao

President (Works) & Unit Head