



GOA STATE POLLUTION CONTROL BOARD

FORM V

(See Rule 14)

Environmental Statement for the financial year ending on 31st March on or before 30th of September every year.

PART A

- (i) Name and address of the owner/ occupier of the industry operation or process : Shri Joe Mathias
- (ii) Industry category Primary-(STC Code) : RED, Building and construction projects having waste water generation 100KLD
Secondary-(STC Code)
- (iii) Production capacity : Residential Complex - Comprising of 364 flats, Sewage treatment plant -175 KLD Mili Liter

Production Name	Production Capacity	Production Unit
Residential complex	Residential Complex - Comprising of 364 flats, Sewage treatment plant -175 KLD	Kilo Liters/Day

- (iv) Year of establishment : 2016
- (v) Date of the last environment statement submitted : 12/08/2023

PART B

1. Water consumption m³/ d

Process : Not Applicable

Cooling : Not Applicable

Domestic : 173

Name of products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
Resident Complex -364 flats, STP -175 KLD	Not Applicable	Not Applicable

2. Raw material consumption

Name of raw materials	Name of products	Consumption of raw material per unit	
		During the previous financial year	During the current financial year
Not applicable	Not applicable	Not applicable	Not applicable

*Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment/ unit of output.

Pollution	Quantity of pollutants discharged(mass/day)	Concentration of pollutants in discharges(mass/volume)	Percentage of variation from prescribed standards with reasons
Water			
Water	STP treated water	Avg results of STP treated water from last financial year are pH-6.95, COD-39.20mg/l, BOD-8.21mg/l, TSS-14.4mg/l, O&G-<1.00mg/l, NH4-N-3.34mg/l, N-Total-6.75mg/l, Bioassay-90% survival of fish for 96Hrs, Coliform Bacteria-39MPN/100ml	Since all the parameters are within the limits. No. 12/2023-PCB/1873501/R00013 373 dated 25/06/2024. There is no deviation
Air			
Air	DG set of capacity 125KVA-1	Particulate Matter-0.11 g/kw-hr, SO2-0.17kg/hour, carbon monoxide-0.10 g/kw-hr, Hydrocarbon- 0.06 g/kw-hr, NO2-0.12 g/kw-hr	Since all the parameters are within the limits. No. 12/2023-PCB/1873501/R00013 373 dated 25/06/2024. There is no deviation
Air	DG set of capacity 125KVA-2	Particulate Matter-0.09 g/kw-hr, SO2-0.15kg/hour, carbon monoxide-0.10 g/kw-hr, Hydrocarbon- 0.08 g/kw-hr, NO2-0.14 g/kw-hr	Since all the parameters are within the limits. No. 12/2023-PCB/1873501/R00013 373 dated 25/06/2024. There is no deviation

Name of Pollutants : .

PART D

Hazardous Wastes

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process	Used/Spent oil - NIL	Used/Spent oil - NIL
(b) From pollution control facilities	Nil	Nil

PART E

Solid Wastes

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process	Biodegradable (wet) waste -40 kg/day, Non-Biodegradable (dry) waste-64 Kg/day	Biodegradable (wet) waste -48 kg/day, Non-Biodegradable (dry) waste-70Kg/day
(b) From pollution control facility		
(c)(1) Quantity recycled or re-utilised within the unit		
(2) Sold		
(3) Disposed	Biodegradable (wet) waste -40 kg/day, Non-Biodegradable (dry) waste-64 Kg/day	Biodegradable (wet) waste -48 kg/day, Non-Biodegradable (dry) waste-70Kg/day

PART F

Please specify the characterization (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 generated will be disposed to recycler registered with SPCB and having valid authorization of SPCB, Please note last financial year (2023-24) we have not generated hazardous waste used/spent oil. Segregated Solid waste (Dry & Wet waste) generated is handed over local village panchayat facility for its scientific disposal..

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production Water Pollution Aspects:

The water is used for domestic purpose only, Domestic wastewater generated is taken to Sewage Treatment Plant for treatment. The company carries out the monthly analysis of STP raw & treated water. Quality of final treated water meets the limits prescribed by Goa State Pollution Control Board.

Air Pollution Aspects:

The Residential Complex has 2 DG set of capacity 125 KVA. The stack emission monitoring has been carried out as per the frequency given by GSPCB. The company has provided stacks for the dispersion of pollutants as per CPCB guidelines.

Noise Pollution Aspects:

The Residential Complex has provided acoustic enclosure to the DG sets to prevent the noise pollution, The unit has developed & maintained adequate green belt area.

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PART H

Additional measures/ investment proposal for environmental protection abatement of pollution, prevention of pollution The Residential Complex has invested towards various pollution abatement measures through monitoring of pollutants and operation and maintenance of Sewage Treatment Plant .

PART I

Any other particulars for improving the quality of the environment The Residential Complex monitors the Noise levels at periphery of the premises, good safety & housekeeping practices are followed .

Remarks : NIL .