



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 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 : 2019
- (v) Date of the last environment statement submitted : 30/09/2024

PART B

1. Water consumption m³/ d

Process : -

Cooling : -

Domestic : 174

Name of products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
Residential 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 for financial year 2024-25 are pH-6.94, COD-38.4mg/L, BOD-8.02mg/L, O&G-<1.0mg/L, TSS-13.50mg/L, NH4-N-2.70mg/L, Total Nitrogen-5.11 mg/L, Fecal Coliform-39MPN/100ml	Since all the parameters are within the limits of Consent no.12/2023-PCB/2011488/R00014 062 Dated 28/06/2024, there is no deviation.
Air			
Air	DG set of capacity 125KVA-1	Particulate Matter-0.13g/kw-hr, SO2-0.12kg/hour, Carbon monoxide-0.12g/kw-hr, Hydrocarbon-0.08g/kw-hr, NOx-0.26g/kw-hr	Since all the parameters are within the limits of Consent no.12/2023-PCB/2011488/R00014 062 Dated 28/06/2024, there is no deviation
Air	DG set of capacity 125KVA-2	Particulate Matter-0.11g/kw-hr, SO2-0.13kg/hour, Carbon monoxide-0.12g/kw-hr, Hydrocarbon-0.07g/kw-hr, NOx-0.32g/kw-hr	Since all the parameters are within the limits of Consent no.12/2023-PCB/2011488/R00014 062 Dated 28/06/2024, 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 – 0.03MT
(b) From pollution control facilities	-	-

PART E

Solid Wastes

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process	Dry waste-48 Kgs/day, Wet waste-70 Kgs/day	Dry waste-116 Kgs/day, Wet waste-76 Kgs/day
(b) From pollution control facility	-	-
(c)(1) Quantity recycled or re-utilised within the unit	-	-
(2) Sold	-	-
(3) Disposed	Dry waste-48 Kgs/day, Wet waste-70 Kgs/day	Dry waste-116 Kgs/day, Wet waste-76 Kgs/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 i.e., Used/Spent oil generated was disposed to recycler registered with SPCB and having valid authorization of SPCB.

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

Air Pollution aspects: The residential complex has 2 Nos. of DG sets of capacity 125 KVA each. DG stack emission monitoring is regularly carried out as per the frequency given by GSPCB. DG sets are provided stacks for the dispersion of pollutants.

Noise Pollution Aspects: The DG sets are provided with acoustic enclosure to prevent the noise pollution. The complex regularly monitors the Noise levels at periphery of the premises. The unit has developed & maintained adequate green belt area.

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, operation and maintenance of Sewage Treatment Plant, disposal of hazardous waste and non-hazardous solid waste .

PART I

Any other particulars for improving the quality of the environment Good housekeeping practices & safety protocols are followed .

Remarks : Nil .