

IL/CHN/MWC/ES/2023/001

20th September 2023

**The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
Maraimalai Nagar,
Kanchipuram District.**

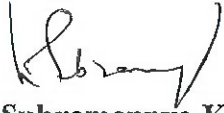
Dear Sir,

Sub: Submission of Environmental Statement for our campus at Mahindra City.

We hereby submit the Environmental Statement Form V for the financial year 2022-23 for our campus at Mahindra City.

Kindly acknowledge the same.

Thanking you,
Yours faithfully,
For Infosys Limited.



**Subramannya K
Authorized Signatory.**

Enclosed:

1. Form – V

Copy to:

**The Member Secretary
Tamil Nadu Pollution Control Board,
No.76 Mount Salai, Guindy,
Chennai – 600 032.**



INFOSYS LIMITED
Plot No.TP 1/1, Central Avenue
Techno Park SEZ, Mahindra World City
Chengalpattu, Kancheepuram District
Chennai 603 004, India
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FORM – V

**Environmental Statement
(Rule 14 of Environmental Protection Rules, 1986)**

Environmental Statement for the financial year ending the 31st March 2023

PART – A

- 1) Name and address of the owner/ occupier of the industry operation or process : Sudha G
INFOSYS LIMITED
: Plot No.TP- 1/1, Central Avenue
Techno Park SEZ, Mahindra World city,
Chengalpet – 603004
- 2) Industry Category : Red [Large]
- 3) Production capacity : Software development only
- 4) Year of Establishment : 2005
- 5) Date of last environmental statement submitted : 29th Sep 2022

PART – B

Water and Raw Material Consumption

i) Water consumption m³/d

- Process : Nil
Cooling : 82.86 m³
Domestic : 94.31 m³

Name of Products	Process water consumption per unit of product output	
	During the previous financial year (2021-22)	During the Current financial year (2022-23)
	(1)	(2)
(1) Software development	Not applicable	Not applicable

ii) Raw Material Consumption

Nil

Name of raw materials	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2021-22)	During the Current financial year (2022-23)
Not applicable			

PART - C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

1) Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
a) Water	STP outlet : 182.47 KL/day TSS : 0.88 Kg/Day BOD : 1.0 Kg/Day COD : 3.60 Kg/Day	pH : 7.97 TSS : 4.83 mg/l BOD : 5.50 mg/l COD : 19.75 mg/l	Nil
b) Air	SPM : 1.60 Kg/Day NO _x : 18.44 Kg/Day CO : 4.64 Kg/Day	SPM : 38 mg/Nm ³ NO _x : 435 mg/Nm ³ CO : 109 mg/Nm ³	Nil

PART – D

Hazardous Wastes

(As specified under Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2016)

Hazardous Waste	Total Quantity (Kg.)	
	During the previous financial year (2021-22)	During the Current financial year (2022-23)
From Process	Disposed: 1. Used Oil (5.1) : 635 liters 2. Waste residues containing Oil (5.2): (a) Cotton Waste : 47 Kgs (b) DG Filter : 191.5 Kgs 3. Chimney Soot (35.1) : Nil 4. Chemical & Paint cans (33.1) : 2043 Kgs 5. Contaminated Cotton Rags (33.2) : 18 Kgs	Disposed: 1. Used Oil (5.1) : 7190 liters 2. Waste residues containing Oil (5.2): (a) Cotton Waste : 184 Kgs (b) DG Filter : 296 Kgs (c) Residues containing oil : 108 Kgs 3. Chimney Soot (35.1) : 326 Kgs 4. Chemical & Paint cans (33.1) : 2390 Kgs 5. Contaminated Cotton Rags (33.2) : Nil
From Pollution control facilities	Nil	Nil

PART – E
Solid Wastes

Solid Waste	Total Quantity (Kg.)	
	During the previous financial year (2021-22)	During the Current financial year (2022-23)
From Process	Metal waste : 112088 Kgs Plastic waste : 8350 Kgs Wood waste : 7495 Kgs Paper waste : 13909 Kg Glass : 10140 Kg Glass Wool : 83 Kgs Thermocol : 3465 Kg Kitchen oil : 0.115 KL Garden waste : 501590Kg Mixed garbage : 11987 Kg E waste : 64659Kgs C&D : 119897 Kgs	Metal waste : 83592Kgs Plastic waste : 7746 Kgs Wood waste : 10133 Kgs Paper waste : 13862 Kg Glass : 6196 Kg Glass Wool : 90 Kgs Thermocol : 764 Kg Kitchen oil : 0.326 KL Garden waste : 1114324 Kg Mixed garbage : 15134 Kg E waste : 73266 Kgs C&D : 230990 Kgs

	Rubber : 2464 Kgs Textile wastes : 613 Kgs Foam (Chairs) : 1226 Kgs Batteries : 28750 Kgs Biomedical waste : 13.18 Kg	Rubber : 1030 Kgs Textile wastes : 1922 Kgs Coffee beans : 2295 Kgs Ceramics : 2071 Kgs Batteries : 28430 Kgs Biomedical waste : 24.75 Kgs Sanitary Waste : 1237 Kgs AC Puff : 1422 Kgs
From Pollution control facilities (Sludge from STP)	Nil	Nil (Due to limited operations as employees are working in Hybrid model)
Quantity recycled or re-utilized within the unit	Food waste - 15.87 tons (sent to Mahindra World City for treatment in Biogas plant)	1. Food waste - 49.69 tons (Food waste sent to Mahindra World City for treatment in Biogas plant) 2. Garden waste - 2140 Kgs converted to manure and reused in campus for gardening.
Quantity sold	Nil	Chiller units : 13592kgs Ducts : 12980 kgs
Quantity disposed	902.22 tons (solid waste) 0.115 KL (kitchen oil)	1670 tons (including Food waste) 0.326 KL (kitchen oil)

PART – F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Waste category	Waste characterization	Disposal practice
Hazardous waste	Used Oil	Disposed to authorized recyclers
	Waste residues containing oil (Cotton waste & DG Filters)	Disposed to TNWML for incineration
	E waste & Batteries	Disposal to authorized recyclers
	Biomedical Waste	Disposed to authorized BMW Vendor
	Chemical & Paint cans	Disposed to authorized recyclers
	Chimney Soot	Disposed to TNWML for incineration
	Contaminated paint cloth	Disposed to TNWML for incineration
Solid waste	Metal waste	Disposed to recyclers
	Wood waste	Disposed to recyclers
	Plastic waste	Disposed to recyclers
	Paper waste	Disposed to recyclers
	Glass Waste	Disposed to recyclers
	Glass wool	Disposed to recyclers

	Thermocol	Disposed to recyclers
	Food waste	Disposed to MWC for Biogas
	Garden waste	Disposed to MWC & Farmers for recycling
	STP Sludge	Manure for landscaping
	Rubber	Disposed to recyclers
	Textile wastes	Disposed to MWC for recycling
	Mixed Garbage	Disposed to MWC for recycling
	Coffee beans/Tea bags	Disposed to MWC for recycling
	Ceramics	Disposed to recyclers
	Construction & Demolition	Disposed to authorized vendors

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Type of pollution	Source of generation	Pollution abatement measure
Air pollution	Diesel Generator	Stack with Wet Scrubber & stack details given below

Stack No	Point of Emission Source (DG Capacity)	Air pollution control measure	Stack height from ground level in (m)
1	2 × 2000 KVA	Wet Scrubber with stack	25
2	3 × 2000 KVA		28.5
3	2 × 3000 KVA		32.5
4	1 × 3000 KVA		32.5

Water pollution	Sewage from rest rooms, Employee care center, etc..	<ul style="list-style-type: none"> • STP (970 KLD) with MBR Technology. • OCEMS-Meters installed in STP integration of servers planned in 2023-24
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Initiatives completed for FY 2022-23	Remarks
1. Operation excellence in central plant operation and enhancing the chiller performance	131352.3 KWH/ Annum
2. Optimization of HUB rooms	29386 KWH/ Annum
3. Effective rainwater harvesting measures taken	1604 KL/Annum
4. Electricity from renewable sources	Achieved 68%
5. Revamp of the existing end of Life R-22 based AC replacement in campus	Achieved 92%
6. E-waste collection drives conducted	Waste collected sent to authorized recyclers

7. EV Charging points extended in the campus	To promote employees to use Electric vehicles to reduce pollution
8. Tree plantation in the campus	155 tree saplings planted
9. Tree plantation outside the campus	1100 tree saplings planted by employees

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Initiatives planned for FY 2023-24	Estimated Savings
Replacement of damaged Chilled water pipelines	Reduction of freshwater
Integration of OCEMS with PCB servers for the units installed in STP	Online monitoring of parameters to maintain quality of water


PART – I

Any other particulars for improving the quality of the environment.

Initiatives planned for FY 2023-24.
1. Reduction in Power consumption
2. Reduction in Water consumption.
3. Waste Management - Zero waste to Landfill certification.
4. Increase power from renewable resources
5. Tree plantation drives

Date: 20th September 2023
Place: Chengalpet

For Infosys Limited


Subramannya K
 Authorized signatory

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