

IL/CHN/MWC/ES/2021/001

28th September 2021

**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 2020-21 for our campus at Mahindra City.

Kindly acknowledge the same.

Thanking you,
Yours faithfully,
For Infosys Limited.


Sudha G.
Authorized Signatory.



INFOSYS LIMITED
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Techno Park SEZ, Mahindra World City
Chengalpattu, Kancheepuram District
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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 2021

PART – A

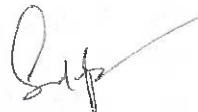
- | | |
|---|--|
| 1) Name and address of the owner/
occupier of the industry operation or
process | Sudha G
INFOSYS LIMITED
: Plot No.TP 1/1, Central Avenue
Techno Park SEZ, Mahindra World city,
Chengalpet – 603004 |
| 2) Industry Category | : Red [Large] |
| 3) Production capacity | : Software development only |
| 4) Year of Establishment | : 2005 |
| 5) Date of last environmental statement
submitted | : 23 rd Sep 2020 |

PART – B

Water and Raw Material Consumption

i) Water consumption m³/d

Process	: Nil
Cooling	: 54.9 m ³
Domestic	: 212.6 m ³



Name of raw materials	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2019-20)	During the Current financial year (2020-21)
Not applicable			
Name of Products	Process water consumption per unit of product output		
	During the previous financial year (2019-20)	During the Current financial year (2020-21)	
	(1)	(2)	
(1) Software development	Not applicable	Not applicable	

ii) Raw Material Consumption
Nil

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: 166.5 KL/day TSS – 0.81 Kg/Day BOD – 0.72 Kg/Day	pH – 7.7 TSS- 4.84 mg/l BOD- 4.3 mg/l	Nil
b) Air	SPM- 0.94 Kg/Day NO _x : 2.31 Kg/Day So _x : 0.39 Kg/Day CO- 0.63 Kg/Day	SPM- 40.39 mg/Nm ³ NO _x : 99.5 mg/Nm ³ So _x : 16.66 mg/Nm ³ CO- 26.95 mg/Nm ³	Nil

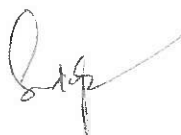


PART – D

Hazardous Wastes

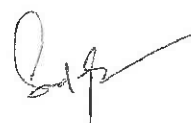
(As specified under Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2016)

Hazardous Waste	Total Quantity (Kg.)	
	During the previous financial year (2019-20)	During the Current financial year (2020-21)
From Process	<p>Disposed:</p> <ol style="list-style-type: none">1. Used Oil: 4270 liters2. Waste residues containing Oil:<ol style="list-style-type: none">(a) Cotton Waste: 23 Kgs(b) DG Filter: 280 Kgs3. Chemical cans: 3728 Kgs <p>Stored at the end of year:</p> <ol style="list-style-type: none">1. Used oil: 2685 liters2. Waste residues containing Oil:<ol style="list-style-type: none">(a) Cotton Waste: 12kgs(b) DG Filter: 136.5 Kgs3. Chimney soot: 220kgs	<p>Disposed:</p> <ol style="list-style-type: none">1. Used Oil: 6762 liters2. Waste residues containing Oil:<ol style="list-style-type: none">(a) Cotton Waste: 25 Kgs(b) DG Filter: 240 Kgs3. Chimney Soot – 229 Kgs4. Chemical cans: 2902 Kgs5. Contaminated Cotton Rags - Nil <p>Stored at the end of year:</p> <ol style="list-style-type: none">1. Used oil: Nil2. Waste residues containing Oil:<ol style="list-style-type: none">(a) Cotton Waste: 17 Kgs(b) DG Filter: 146 Kgs3. Chimney soot: Nil4. Chemical can & Paint can – 21 Kgs5. Contaminated Cotton Rags - Nil
From Pollution control facilities	Nil	Nil



PART – E
Solid Wastes

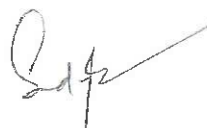
Solid Waste	Total Quantity (Kg.)	
	During the previous financial year (2019-20)	During the Current financial year (2020-21)
From Process	<p>Metal waste: 132317 Kg Plastic waste: 8804 Kg Wood waste: 22325 Kg Paper / cardboard waste: 40468 Kg Glass: 13110 Kg Thermocol: 1183 Kg Kitchen oil: 2940 L Garden waste: 606725 Kg Mixed garbage: 103437 Kg E Waste – 59070 Kgs</p> <p>Biomedical waste Yellow: 2.49 Kg/month Red: 3.65 Kg/month Blue: 1.67 Kg/month White: 0.09 Kg/month</p>	<p>Metal waste: 70920 Kgs Plastic waste: 7875.3 Kgs Wood waste: 5369 Kgs Paper / cardboard waste: 20997.6 Kg Glass: 1748 Kg Glass Wool: 358 Kgs Thermocol: 950 Kg Kitchen oil: 0.58 L Garden waste: 347762 Kg Mixed garbage: 12062 Kg E waste – 41322 Kgs</p> <p>Biomedical waste Yellow: 0.86 Kg/month Red: 1.16 Kg/month Blue: 0.39 Kg/month White: 0.03 Kg/month</p>
From Pollution control facilities (Sludge from STP)	383.25 tons	10.95 tons
Quantity recycled or re-utilized within the unit	463.69 tons (Food waste sent to Mahindra World City for treatment in Biogas plant)	19.44 tons (Food waste sent to Mahindra World City for treatment in Biogas plant)
Quantity sold	Nil	Nil
Quantity disposed	928.369 tons (solid waste) 2940 Liters (kitchen oil)	509.39 tons (solid waste) 0.58 Liters (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 GJ Multiclave for Incineration
	Chemical 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	Using as a manure for landscaping



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 appropriate height as per TNPCB norms as 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..	MBR Technology plant of capacity 1500 KL with daily input to STP being 171.7 m ³
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Initiatives completed for FY 2020-21	Remarks
1. Replacement of CFL light fixtures with occupancy sensor enabled LED light fixtures	Replaced 3600 Nos of CFL light fixtures
2. Consolidation of workspaces to optimize energy consumption.	3,93,977 Kwh conserved
3. Replacement of damaged chiller pipelines	1460 KL conserved
4. Tree plantation	297 Trees planted
5. Enhancement of green cover in campus (Lawn area to shrubs)	Developed an area of 4550 sq.ft
6. Creation of biodiversity zone in campus	Completed
7. Reduction in plastic waste generation	2116 Kgs of plastic waste reduced
8. Inhouse vermicompost generation	17.4 Tons generated



PART – H

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

Initiatives planned for FY2021-22	Estimated Savings/Yr
Increase of green power procurement from third party vendor	3,00,000 INR
Replacement of existing underground fire pipelines with new PE coated pipelines to address UG pipeline leaks	36,500 INR

PART – I

Any other particulars for improving the quality of the environment.

Initiatives planned for FY 2021-22
1. Reduction in power consumption
2. Reduction in water consumption.
3. Minimize waste to landfill through authorized recyclers
4. Increase the sourcing on electricity from renewable resources

Date: 28th September 2021
Place: Chengalpet

For Infosys Limited



Sudha G.
Authorized signatory

