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DRIVEN BY VALUES

16th September 2020

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 2019-20 for our campus at Mahindra city.

Kindly acknowledge the same.

Thanking You,

Yours faithfully,

For **Infosys Limited**

Sudha G

Authorized Signatory

INFOSYS LIMITED
Plot No. TP 1/1
Central Avenue, Techno Park (SEZ)
Mahindra World City, Chengalpet
Kancheepuram District -603 004

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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 2020

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	:	30th Sep 2019

PART – B

Water and Raw Material Consumption

i) Water consumption m^3/d

Process	: **Nil**
Cooling	: **163.5 m^3**
Domestic	: **551 m^3**

Name of Products	Process water consumption per unit of product output	
	During the previous financial year (2018-19)	During the Current financial year (2019-20)
	(1)	(2)
(1) Software development	Not applicable	Not applicable

Name of raw materials	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2018-19)	During the Current financial year (2019-20)
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: 623.81 Kl/day	TSS- < 2 mg/l BOD- 4.5 COD- 37.2 Oil & Grease- <1 mg/l PH – 7.6 E. coli- Nil	Nil
b) Air	NOx: 0.0025 Kg/day Sox: 0.41 Kg/day Co- 9.67 mg/Nm^3 day	PM- 40.1 mg/Nm^3 SOx- 1.5 Kg/Month NOx- 0.009 Kg/Month CO- 36.26 mg/m^3	Nil

PART – D

Hazardous Wastes

(As specified under Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2008)

Hazardous Waste	Total Quantity (Kg.)	
	During the previous Financial year (2018-19)	During the current Financial Year (2019-20)
From Process	1.Used Oil: 2295 liters 2.Waste residues containing Oil: (a) Cotton Waste: 25 Kgs (b) DG Filter: 173 Kgs 3.E waste: 46580 Kgs 4. Chemical cans: 1705.79 Kgs	Disposed: 1. Used Oil: 4270 liters 2.Waste residues containing Oil: (a) Cotton Waste: 23 Kgs (b) DG Filter: 280 Kgs 3. E waste: 59070 Kgs 4. Chemical cans: 3728 Kgs Stored at the end of year: 1. Used oil: 2600 liters 2. Waste residues containing Oil: (a) Cotton Waste: 12kgs (b) DG Filter: 136.5 Kgs 3. Chimney soot:220kgs
Biomedical waste Quantity disposed	Yellow: 2.20 Kg/month Red: 4.29 Kg/month Blue: 1.83 Kg/month White : 0.10Kg/month	Yellow: 2.49 Kg/month Red: 3.65 Kg/month Blue: 1.67 Kg/month White: 0.09 Kg/month
From Pollution control facilities	Nil	Nil

PART – E
Solid Wastes

Solid Waste	Total Quantity (Kg.)	
	During the current Financial Year (2018-19)	During the current Financial Year (2019-20)
From Process	Metal waste: 202020 Kg Plastic waste: 16918 Kg Wood waste: 7885 Kg Paper / cardboard waste: 31231 Kg Glass: 19540 Kg Thermocol: 997 Kg Kitchen oil: 1585 L Garden waste: 560447 Kg Mixed garbage: 99088 Kg	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
From Pollution control facilities (Sludge from STP)	306.95 tons	383.25 tons
Quantity recycled or re-utilized within the unit	476.21 tons (Food waste sent to Mahindra World City for treatment in Biogas plant)	463.69 tons (Food waste sent to Mahindra World City for treatment in Biogas plant)
Quantity sold	Nil	Nil
Quantity disposed	938.126 tons (solid waste) 1585 Liters (kitchen oil)	928.369 tons (solid waste) 2940 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	Disposal to authorized recyclers
	Biomedical Waste	Disposed to GJ Multiclave for Incineration
	Chemical cans	Disposed to authorized recyclers

Solid waste	Metal waste	Disposed to recyclers
	Wood waste	Disposed to recyclers
	Plastic waste	Disposed to recyclers
	Paper waste	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 750 m^3

PART – H

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

Initiatives planned for FY2019-20	**Savings/Yr**
1. Conversion of DX AC into chilled water based PAC for all server rooms from SDB-1 to SDB-6	400000 KWH
2. Replacement of 1000 Watts Metal Halide lamps with 270 watts LED lights at play court area	130000 KWH
3. Replacement of CFL to LED for all rest rooms and lobby at SDB-4,5&6	110000 KWH
4. Replacement of CFL with LED light fixture in work area at SDB 7, A wing	15500 KWH

5. Migration of servers from conventional to Virtual servers	13.5 KW
6. Replacement of damaged fire pipe lines across the campus to avoid leakage.	11400 Kl
7. Operate only essential services to manage water crisis and to reduce consumption	700 Kl
8. We will make our campuses free of single use plastics by fiscal 2020	Completed
9. Tree plantation	1445 Trees during the year 2019-20

PART – I

Any other particulars for improving the quality of the environment.

Initiatives planned for FY2020-21
1. Reduction in power consumption
2. Reduction in water consumption.
3. Reduction in plastic waste generation
4. Increase the sourcing on electricity from renewable resources

Date: 16th September 2020
Place: Chengalpet

For Infosys Limited

Sudha G.
Authorized signatory