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KSPCB/FORM-V/2021-22/03 **23rd September 2022**

The Regional Officer,
KSPCB, Bommanahalli,
Nisarga Bhavan, 2nd Floor,
Thimmaiah Road, 7th 'D' Main,
Shivanagar, Opp. Pushpanjali Theatre,
Bengaluru – 560010.

Dear Sir/Madam,

Subject: Submission of Environmental Statement (Form-V) for Equinox Building, Bangalore

With reference to above subject, we hereby submitting the Environmental Statement (Form-V) for the FY 2021-22 for our Infosys Equinox building, Plot. No.47, Sy. No.10 at Electronic city, Bangalore. Enclosed the copies of the same for your reference.

1. Form-V for Equinox Building, Bangalore
2. Copy of Stack monitoring report
3. Copy of Ambient air quality analysis report
4. Copy of Treated sewage analysis report

Yours Sincerely,

For INFOSYS LIMITED

INFOSYS LIMITED BANGALORE

AUTHORIZED SIGNATORY

INFOSYS LIMITED
CIN: L85110KA1981PLC013115
44, Infosys Avenue
Electronics City, Hosur Road
Bengaluru 560 100, India
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Form - V

Environmental Statement

April 2021 - March 2022

ANNEXURE

ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March

PART-A

i. Name and address of the owner: occupier of the industry	M/s Infosys Limited Plot No. 47, Sy No. 10, Konappana Agrahara Village, Begur Hobli, Hosur Road, Electronic City, Bangalore – 560100.
Operation or process.	Software Development
ii. Industry category Primary-(STC Code) Secondary- (STC Code)	Orange Category
iii. Production category. Units.	Software Development
iv. Year of establishment	2014
v. Date of the last environmental statement submitted.	23.08.2021

PART–B

Water and Raw Material Consumption:

i. Water consumption in m3/d

Process: NA

Cooling: Nil

Domestic: 4.37 m^3/day

Enclosures:

1) Copy of Test report for D.G set emissions
2) Copy of Test report for Ambient air quality
3) Copy of Test Report for Treated Sewage

Name of Products	Process water consumption per unit of products output	
	During the previous financial year	During the current financial year
	NA	

ii. Raw material consumption

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
NA			

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

PART-C

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

a) Water

SI. No	Parameters	Quantity of Pollutants discharged (Kg/day)	Concentration of Pollutants discharged (Mass/Volume)	Percentage of variation from prescribed Standards with reasons.
1	pH value	8.19	8.19	No Variations from prescribed parameters & limits
2	BOD (mg/l)	0.01	3.30	
3	COD (mg/l)	0.04	8.88	
4	Total Suspended Solids	0.03	7.00	
5	NH4-N (mg/l)	0.003	0.75	
6	Total Nitrogen (mg/l)	0.01	2.00	
7	Fecal Coliform (MPN/100 ml)	0.16	36.27	

b) Air

SI No.	Pollutants	Quantity of Pollutants discharged (Kg/day)	Concentration of Pollutants discharged (Mass/Volume)	Percentage of variation from prescribed Standards with reasons.
1	PM (mg/Nm^3)	0.04	44.96	No Variations from prescribed parameters & limits
2	Sox (mg/Nm^3)	0.002	3.00	
3	NOx (mg/Nm^3)	0.30	385.17	

PART-D

HAZARDOUS WASTES

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016].

Hazardous Wastes	Total Quantity	
	During the previous Financial year (FY 2020-21)	**During the current Financial year (FY 2021-22)**
1. Used Oil	0.35 KL	0.52 KL
2. Oil-soaked cotton waste & DG oil filters	0.03 MT	0.05 MT
3. Discarded/ Paint Containers	Centralized collection & disposal from main E-city campus	0.055 MT

PART - E

SOLID WASTES:

Solid Wastes	Total Quantity	
	During the previous Financial year (FY 2020-21)	**During the current Financial year (FY 2021-22)**
a. From process	Food waste: NIL STP Sludge waste: NIL Other Solid wastes: Centralized collection & disposal from main E-city campus	Food waste: NIL STP Sludge waste: NIL Other Solid wastes: Centralized collection & disposal from main E-city campus
b. From Pollution Control Sources-STP	Sludge from STP NIL	Sludge from STP NIL
c. Quantity recycled or re-Utilized within the unit.	Food waste is treated in house through biogas and OWC. STP sludge is treated through sludge solar drying bed All other solid wastes are sent to main campus & disposed to the registered recyclers	Food waste is treated in house through biogas and OWC. STP sludge is treated through sludge solar drying bed All other solid wastes are sent to main campus & disposed to the registered recyclers

PART -F

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

Waste is segregated at source. A color code for bins has been devised and implemented for different types of waste. The color codes are as follows: Green for bio-degradable waste; Red for toxic waste; Blue for dry recyclable waste and grey for e-waste
Bio-medical waste and sanitary waste generated in the campus will be taken out by an agency authorized by PCB.

A focused approach to solid waste management has resulted in better disposal systems. Solid waste included all the Non-hazardous waste viz., paper/ cardboard waste, plastic waste, metal waste, wood waste and garden waste.

Hazardous waste:

- Used Oil / filters / oil-soaked cotton waste – Sent to registered KSPCB authorized recyclers as per Hazardous Waste Rules

- Batteries - Sent to registered KSPCB authorized battery recyclers through main campus.

Waste category	Total Quantity		Concentration	Disposal Practice
	During the previous Financial year (FY 2020-21)	During the current Financial year (FY 2021-22)		
Batteries	320 No's (UPS Battery)	Nil	Solid	The waste is disposed to authorized KSPCB recycler.

- E-waste - Sent to registered KSPCB authorized recyclers as per Hazardous Waste Rules through main campus.

Waste category	Total Quantity (MT/A)		Concentration	Disposal Practice
	During the previous Financial year (FY 2020-21)	During the current Financial year (FY 2021-22)		
E-waste	NIL	NIL	Solid	The waste is disposed to authorized KSPCB recycler.

INFOSYS LIMITED

- Biomedical waste: Generated biomedical waste is disposed to authorized vendor through our main E City Campus. Covid-19 related toiletries, tissue papers, masks & gloves are centralized disposed (along with Main Campus waste) to send to registered KSPCB authorized incinerator.

Bio-medical waste Category	Total Quantity (Kgs/A)		Concentration	Disposal Practice
	During the previous Financial year (FY 2020-21)	During the current Financial year (FY 2021-22)		
Yellow Bag Blue Bag Red Bag White Bag	NA	NA	Solid	The Sanitary & Covid-19 waste is disposed to authorized KSPCB incinerator within 48 hrs. of generation.
Sanitary Waste Covid-19 waste	NIL	NIL		

Solid waste:

- Waste like paper, plastic, metal, wood and glass are segregated disposed to registered recyclers/ re-processors for further disposal. All the generated solid waste is stored and disposed through main campus. We have a centralized storage in the main E City Campus
- Dry sludge is sent to Sarjapur and used as manure which is generated from domestic sewage
- Food waste: All the food waste generated is collected in designated color-coded bins and is used for both OWC (Organic Waste Converter) & Biogas plant.

PART-G

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

- Building is designed such that at least 75% of regularly occupied spaces in the project have daylight saving
- Low Sulphur diesel is used for DG sets
- Treated water from STP is used for HVAC systems and flushing purpose, thereby we have reduced the consumption of fresh water
- Sludge waste is treated in solar sludge drying bed which comprises of Building envelope and Electric mole (Automatic Robots). The main source for entire process is solar energy and due to this 35% or less moisture content is expected after sludge drying. The dried sludge is used as manure for in house landscaping

PART - H

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

- Infosys has been certified to ISO 14001:2015.
- Process optimization is followed to reduce our energy and water consumption
- We are enabling processes for improving our system for monitoring water and wastewater recycling at our campus with a view of achieving long term sustainability
- We have Rainwater harvesting strategies in the building by channelizing the roof water and storm water runoff to the recharge pits
- We have installed Solar panels of total capacity 175.10 Kwp.
- Energy efficient measures like building envelope, high performance glazing, lower lighting power density and efficient HVAC systems are implemented in the building
- CO2 sensors have been provided in all the AHU return at each floor and these are integrated with the project's Building Management system
- Monitoring of Lighting operations; Lighting controls at unoccupied workstations and at Food courts are carried out on regular basis.

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PART-I

MISCELLANEOUS:
Any other particulars in respect of environmental protection and abatement of pollution

- We are ensuring 100% segregation of waste at source.
- We continue to ensure the Color coding for different type of waste which is segregating at the building level
- We have consistently ensured that we reduce, reuse, and recycle & dispose the waste responsibly.
- Hazardous wastes are stored and disposed to authorized recyclers only, in adherence to applicable legislation.
- We use green sealed chemicals for our housekeeping purpose.
- We carry out environmental quality monitoring for Emissions and effluents as per the PCB standards.
- Treated water from STP is used for HVAC systems, gardening, and flushing purpose, thereby we have reduced the consumption of fresh water
- BMS (Building management system) has been implemented.
- We have reduced the usage of tissue papers.
- We have implemented biodegradable plastics which helps in phasing out of single use & non-recyclable plastics.
- Bar code labelling of BMW as per the new requirement.
- Rainwater harvested at this building is used for secondary purpose (Solar panel cleaning, chiller, irrigation).
- Operational controls are in place to monitor the extra usage of water in all areas to avoid the same.