

KSPCB/FORM-V/2018-19/05

26th June, 2019

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 IIPM Building, Bangalore

With reference to above subject, we hereby submitting the Environmental Statement (Form-V) for the FY 2018-19 for our Infosys IIPM building, Sy. No. 40(P) & 41(P) at Electronic City Phase-II, Bangalore. Enclosed the copies of the same for your reference.

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

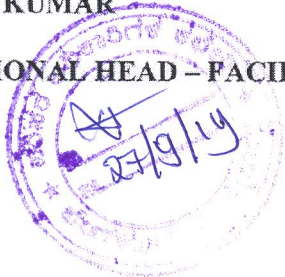
Yours Sincerely,

For INFOSYS LIMITED

Bhawesh Kumar

BHAWESH KUMAR

AVP - REGIONAL HEAD - FACILITIES



Form - V

Environmental Statement

April 2018 – March 2019

ANNEXURE

ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March

PART-A

<i>i. Name and address of the owner: occupier of the industry</i>	M/s Infosys Limited IIPM - Sy. No. 40(P), & 41(P), Electronic City, Phase II, Konappana Agrahara, Begur Hobli, Bangalore – 560100
<i>Operation or process.</i>	Software Development
<i>ii. Industry category Primary- (STC Code) Secondary- (STC Code)</i>	Red Category
<i>iii. Production category. Units.</i>	Software Development
<i>iv. Year of establishment</i>	2018
<i>v. Date of the last environmental statement submitted.</i>	17.09.2018

PART-B

Water and Raw Material Consumption:

i. Water consumption in m³/d

Process: NA

Cooling: NA

Domestic: Approximately. 27 m³/day

Enclosures:

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

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

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

** 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)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed Standards with reasons.
(a) Water	As per Test Reports		
(b) Air	As per Test Reports		
(c) Sludge	Not applicable	0.8 kgs/lt	No Variations

PART-D

HAZARDOUS WASTES

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

Hazardous Wastes	Obtained limits from KSPCB	Total Quantity (Kg)	
		During the previous Financial year 2017-18 (from Jan'18 to Mar'18)	During the current Financial year 2018-19
1. Used Oil	2.5 KL/A	For FY 17-18 we have not generated any Hazardous Waste	0.180 KL/A
2. Oil soaked cotton waste	0.05 MT/A		NIL
3. DG oil filters	NA		0.02 MT/A- DG Filters
4. Batteries	NA		NIL
5. Empty barrels / Containers/ liners contaminated with hazardous chemicals/wastes	1.000 MT		Centralized collection & disposal from main E-city campus

PART - E

SOLID WASTES:

Solid Wastes	Total Quantity (Kg)	
	During the previous Financial year 2017-18 (Jan'18 to Mar'18)	During the current Financial year 2018 - 19
a. From process	Food waste: 12,952 Kgs/A STP Sludge waste: 1,120 Kgs/A Other Solid wastes: Centralized collection & disposal from main E-city campus	Food waste: 6,99,099 Kgs/A STP Sludge waste: 13,281 Kgs/A Other Solid wastes: Centralized collection & disposal from main E-city campus
b. From Pollution Control Sources-STP	Sludge from STP 18 to 20 kgs/day	Sludge from STP 30 to 35 kgs/day

c. Quantity recycled or re-Utilized within the unit.	Food waste is treated in house through 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 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
- 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.
- E-waste - Sent to registered KSPCB authorized recyclers as per Hazardous Waste Rules through main campus.
- Biomedical waste: Generated biomedical waste is disposed to authorized vendor through our main E City Campus

Non-Hazardous 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 – Sent to main campus & used as manure 12 kgs/day generated from domestic sewage

- Food waste: All the food waste generated is collected in designated color coded bins and sent to our Organic waste converter which is at Sarjapur.

PART-G

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

- Low Sulphur diesel is used for DG sets
- We are ensuring 100% segregation of waste at source, stored and disposed as per applicable legal legislation
- Occupancy sensors are installed in the buildings to reduce the utilization of power
- We have installed pressure reducing valves in taps and pipes and flow restrictors which resulted in reduction of water consumption.
-

PART - H

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

- Infosys has been certified to ISO 14001 & OSHAS 18001.
- Process optimization is followed to reduce our energy and water consumption
- We continue to spread awareness among the employees on the conservation practices
- We are ensuring 100% segregation of waste at source, stored and disposed as per applicable legal legislation

PART-I

MISCELLANEOUS:

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

- We carry out environmental quality monitoring for Emissions and effluents as per the PCB standards.
- 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.
- Monitoring of Lighting operations; Lighting controls at unoccupied workstations and at Food courts are carried out on regular basis.

- 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.
- As part of World Energy Conservation day we have setup stalls at IIPM location exhibiting energy conservation products such as lighting, solar trap for pests, home appliances and more!
- Installation of solar panels at IIPM roof top.