

MNGSEZ/ FAC/ KSPCB/ 19-20/ 15

Infosys®
Date: September 18, 2019 INTELLECT
DRIVEN BY VALUES

To,
The Environmental Officer,
Karnataka State Pollution Control Board,
Baikampady Industrial Area,
Mangaluru – 575 011.

Dear Sir,

Sub: Submission of Form 5

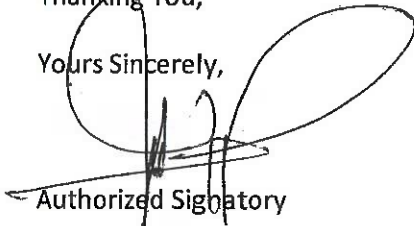
We hereby submit the following forms.

- Form 5 – Environmental Statement for the period of 2018-19.

Kindly acknowledge the same.

Thanking You,

Yours Sincerely,



Authorized Signatory
Suresh M Kunnath,
Regional Manager – Facilities and Administration,
Infosys Ltd,
Mangaluru -574153.

Received 25/3/19
REGIONAL OFFICE
Karnataka State Pollution Control Board
Plot No.10-B, Baikampady Industrial Area
MANGALORE-575011

INFOSYS LIMITED

CIN: L85110KA1981PLC013115

Infosys IT & ITES SEZ, Kamblapadavu

Kurnad Post, Pajeeru Village

Bantwal Taluk

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ANNEXURE

ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

FY 2018-19

Environmental Statement for the financial year ending with 31st March 2019

PART-A

- i. *Name and address of the owner/ occupier of the industry operation or process.* : Suresh M Kunnath, Regional Manager
Infosys Limited, IT/ITES SEZ,
Kamblapadavu, Kurnad Post, Pajeeru
Village, Bantwal Taluk, Dakshina
Kannada – 574 153.
- ii. *Industry category Primary-(STC Code) Secondary- (STC Code)*
- iii. *Production category – Units. : NA - Software Development*
- iv. *Year of establishment* : 2007
- v. *Date of the last environmental statement submitted.:* 25/09/2018

PART -B

Water and Raw Material Consumption:

- i. *Water consumption in m³/d*
- Process : Nil*
- Cooling : 37.1 m³/d*
- Domestic : 708.4 m³/d*

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
1.	NA	NA
2.		
3.		
4.		

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	NA	NA	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)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage variation of prescribed standards from with reasons.
(a) Water	STP outlet - 101 KL / day	pH: 6.9 BOD: 8 ppm Turbidity: < 2 NTU E coli : Absent	No variation from standard
(b) Air	NOx: 0.13 Kg/day NMHC: 0.01 Kg/day PM: 0.19 Kg/day CO: 0.28 Kg/day	NOx: 44.2 mg/NM ³ NMHC: 3.4 mg/NM ³ PM: 68.8 mg/NM ³ CO: 97.1 mg/NM ³	No variation from standard

PART-D

HAZARDOUS WASTES

(as specified under Hazardous Wastes (Management & Handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
1. From Process	Used Oil: 810 L Fuel Filters: 47 Nos Oil soaked cotton: 19 Kg Discarded Containers: Nil E waste: Nil	Used Oil: 943 L Fuel Filters: 45 Nos Oil soaked cotton: 15.5 Kg Discarded Containers: 788 Nos E waste: 14922 Kg
2. From Pollution Control Facilities	Biomedical waste :637 Kg	Biomedical waste : 720 Kg

PART - E

SOLID WASTES:

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
a. From process	Paper: 3303 Kg Plastics: Nil Food waste: 123307 Kg Mixed waste: 51580 Kg Metal: Nil Wood: Nil Glass: Nil Kitchen Oil: Nil Garden waste: 27820 Kg	Paper: 1848 Kg Plastics: 125 Kg Food waste: 130776 Kg Mixed waste: 38325 Kg Metal: 1434 Kg Wood: 1420 Kg Glass: 1171 Kg Kitchen Oil: 480 L Garden waste: 31084 Kg
b. From Pollution Control Facility	STP Sludge : 8758 Kg	STP Sludge: 9560Kg
c. Quantity recycled or re-utilised within the unit.	NA	

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.

Hazardous waste

- Used Oil – Sent to KSPCB registered vendor Arun Industries, Bangalore
- Oil filters & Oil soaked cotton waste - Sent to KSPCB approved vendor Gomti Incinco, Bangalore
- E waste – Sent to KSPCB approved vendor e parisara, Bangalore
- Bio medical waste – sent to KSPCB approved vendor Ramki Energy & Environmental Limited, Mulki
- Discarded containers – sent to KSPCB approved vendor Karnataka Traders, Mangalore

Agreement is available with e waste & biomedical waste vendor. All the hazardous waste vendors are audited on a yearly basis.

Non – Hazardous Waste

- Waste like Paper, Plastic, Metal, wood and Glass are segregated at source and disposed to registered recyclers / re processors. Part of paper is used in vermi compost for composting.
- Mixed waste – Mixed waste generated from food court is sent for land filling
- STP Sludge – Used as manure for trees and plants
- Garden Waste – Used for mulching and vermi compost
- Used Kitchen Oil – sent for bio diesel production at NMAM institute of technology
- Food Waste – Used for bio gas production & vermi composting. Balance sent to piggeries.

PART-G

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

- Campus is having 250 KLD Sewage Treatment Plant with MBBR technology and 50 KLD LETP. STP out let samples are tested regularly and monthly reports are submitted to KSPCB.

- 0.75 TPH boiler is decommissioned and not operational
- Three DG sets having capacity of 2000 KVA is operational, stack emission and noise levels are tested and reported to KSPCB on a monthly basis.
- Installed Solar Panels having capacity of 800 kw in our campus. 70 % of power used in our campus is from renewable sources.
- Taken various measures to ensure optimum use of power and water in the campus.
- Single use plastics are banned in the campus like plastic carry bags, straws, stirrers, plastic cutleries, carbonated bottled beverages, Plastic flex etc. Use of Bottled mineral water restricted in the campus instead we are providing purified water in glass bottles. We are also working with various food court vendors to reduce plastic packing materials of groceries.
- Two electric vehicles procured and used for employee movement. Battery operated Golf carts and goods carts are used in the campus.
- To create environment related awareness among employees, various activities are done as part of Eco club. this includes mailers related to Eco disasters, know your campus, Eco quiz, Eco walk, Grow your own vegetables etc.
- Campus declared as Nonsmoking zone and smoking is prohibited in the campus
- We are having six rain water harvesting ponds in the campus having capacity to hold 339 lakh liters of water.
- Tree plantation: Planted more than 2,15,000 trees over a period of 10 years. Planted 21129 trees during FY 2018-19.

PART - H

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

- We have taken a target of 2 % reduction in per capita power and water consumption FY 2019-20.
- We have taken targets for reduction in single use plastics and 50% reduction in per capita generation of plastic.

- We have plans for planting of 10000 more trees during FY 2019-20

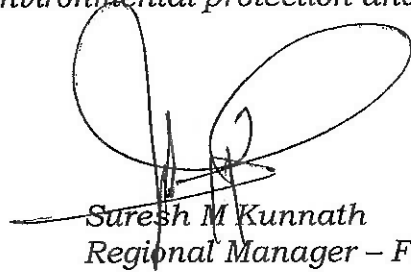
PART -I

MISCELLANEOUS:

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

Nil

*Mangalore
18-Sep-2019*



*Suresh M Kunnath
Regional Manager – Facilities*