

KSPCB/FORM-V/2019-20/05

25th August, 2020

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 Focus Building, Bangalore

With reference to above subject, we hereby submitting the Environmental Statement (Form V) for the FY 2019-20 of our Focus Building, Plot No.22, Electronic City, Bangalore. Enclosed the copies of the same for your reference.

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

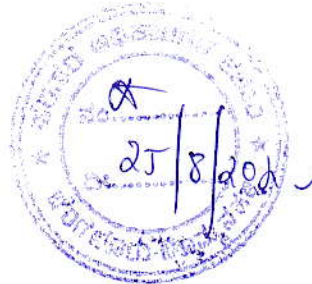
Yours Sincerely,

For INFOSYS LIMITED



VIKRANT KUDIGI

REGIONAL HEAD – FACILITIES



INFOSYS LIMITED

CIN: L85110KA1981PLC013115

44, Infosys Avenue
Electronics City, Hosur Road
Bengaluru 560 100, India
T. 91 80 2852 0261

Form - V

Environmental Statement

April 2019 – March 2020

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 Focus Technologies, Plot No. 22, 1 st Main, 1 st Phase, Electronic City, Bengaluru - 560100.
<i>Operation or process.</i>	Software Development
<i>ii. Industry category Primary- (STC Code) Secondary- (STC Code)</i>	NA
<i>iii. Production category. Units.</i>	Software Development
<i>iv. Year of establishment</i>	2017
<i>v. Date of the last environmental statement submitted.</i>	28.06.2019

PART-B

Water and Raw Material Consumption:

i. Water consumption in m³/d

Process: NA

Cooling: NA

Domestic: Approximately. 13 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 & noise 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	0.01 kgs/ltr	No variations

PART-D

HAZARDOUS WASTES

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

Hazardous Wastes	Obtained limits from KSPCB	Total Quantity	
		During the previous Financial year 2018-19	During the current Financial year 2019-20
1. Used Oil	1.5 KL/A	0.382 KL/A	0.120 KL/A
2. Oil soaked cotton waste	0.05 MT/A	0.002 MT/A	0.002 MT/A
3. DG filters	0.30 MT/A	0.038 MT/A	0.038 MT/A
4. Batteries	NA	Nil	Nil
5. Discarded/ Paint Containers	50,000 No's/A (for Campus)	Centralized disposal via Main campus	Centralized disposal via Main campus

PART - E

SOLID WASTES:

Solid Wastes	Total Quantity (Kg/A)	
	During the previous Financial year 2018-19	During the current Financial year 2019-20
a. From process	Food waste: 20,592 STP Sludge waste: 2,720 Other Solid wastes: Centralized collection & disposal from main E-city campus	Food waste: 20,030 STP Sludge waste: 3,138 Other Solid wastes: Centralized collection & disposal from main E-city campus
b. From Pollution Control Sources-STP	Sludge from STP 7 to 8 Kgs/day	Sludge from STP 8 to 9 Kgs/day
c. Quantity recycled or re-Utilized within the unit.	Food waste is treated in house through OWC & Biogas plant. 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 & Biogas plant. 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.
- E-waste - Sent to registered KSPCB authorized recyclers as per Hazardous Waste Rules through main campus.
- Covid-19 related tissue papers, masks & gloves centralized disposed (along with Main Campus waste) to send to registered KSPCB authorized incinerator.

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. 7 to 8 kgs/day generated from domestic sewage
- Food waste: All the food waste generated is collected in designated color-coded bins and treated at Bio-gas plant at main campus and also 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.

- 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.



Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area,
Hoskote, Bangalore - 562 114, Karnataka, India

Tel : +91-80-2801 5333

E-mail : info@shivaaanalytics.com

Website : www.shivaaanalytics.com

CIN : U24230KA1994PTC125297

GSTN : 29AACCS8434K1ZV

Test Certificate (Environment)

Matrix: Stack Emission

Discipline

Group

Issued To

Address

Chemical

Atmospheric Pollution

Infosys Limited.,

IL Bangalore STP Park - I

No. 45 & 46, 3rd Cross, Electronics

City

Hosur Road, Bangalore - 560100

Customer ID

Sample for the month Feb.2020

Stack Monitoring

Sample ID

Stack attached to 640 KVA DG

Set-01-Focus Building

Sampling Date

13-FEB-2020

Sampling Duration

NA

PO / Reference No.

2300149397

PO / Reference Date

12-JUN-2019

C.A.No.

05200218000808

Date of Receipt

17-FEB-2020

Date of Booking

18-FEB-2020

Date of Completion

27-FEB-2020

Date of Issue

27-FEB-2020

Instrument used for sampling

Envirotech Stack Sampler APM

620, Date of

Calibration: 16.03.19, Next

Calibration Due on: 15.03.20

S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TES T METHOD
1	Ambient Temperature	°C	30	Not Specified	IS:11255(P-3) 2008
2	Diameter	m	0.3300	Not Specified	IS:11255(P-3) 2008
3	Stack Temperature	°C	269	Not Specified	IS:11255(P-3) 2008
4	Velocity	m/s	13.17	Not Specified	IS:11255(P-3) 2008
5	Flue Gas discharge	Nm ³ /Hr	1489	Not Specified	IS:11255(P-3) 2008
6	Particulate matter	g/kW-hr	0.048	= 0.2 max	IS:11255(P-1) 1985
7	Sulphur dioxide	mg/Nm ³	< 3	Not Specified	Flue gas analyser
8	Carbon monoxide	g/kW-hr	0.316	= 3.5 max	Flue gas analyser
9	Nitrogen dioxide	g/kW-hr	0.613	= 4.0 max *	Flue gas analyser
10	Non Methane Hydrocarbons	g/kW-hr	< 0.001	= 4.0 max *	IS: 13270: 1992

Remarks: The Requirement mentioned here is as per Environment Protection Act-1986 SL.No 95 G.S.R. 771(E)

* The Limit for (Nitrogen Dioxide + Hydrocarbons) as per the Standards

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

Approved Authorized Signatory

Krishnamurthy.,

(Manager-Environment)

Approved On

27-FEB-2020

Printed by: Krishne.Gowda

Copy No.: 1

Note : This document has been generated electronically and is valid without signature.

Format No.SAIL/FRM-01R

Printed on: 28-FEB-2020

Page No.: 1 of 1



Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area,
Hoskote, Bangalore - 562 114, Karnataka, India
Tel : +91-80-2801 5333
E-mail : info@shivaaanalyticals.com
Website : www.shivaaanalyticals.com
CIN : U24230KA1994PTC125297
GSTN : 29AACCS8434K1ZV

Test Certificate (Environment)

Matrix: Stack Emission

Discipline

Group

Issued To

Address

Chemical

Atmospheric Pollution

Infosys Limited.,

IL, Bangalore STP Park - I

No. 45 & 46, 3rd Cross, Electronics
City

Hosur Road, Bangalore - 560100

Customer ID

Sample for the month Feb.2020

Stack Monitoring

Sample ID

Stack attached to 320 KVA DG

Set-02-Focus Building

Sampling Date

13-FEB-2020

Sampling Duration

NA

PO / Reference No.

2300149397

PO / Reference Date

12-JUN-2019

C.A.No.

05200218000809

Date of Receipt

17-FEB-2020

Date of Booking

18-FEB-2020

Date of Completion

27-FEB-2020

Date of Issue

27-FEB-2020

Instrument used for sampling

Envirotech Stack Sampler APM

620, Date of

Calibration: 16.03.19, Next

Calibration Due on: 15.03.20

S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Ambient Temperature	°C	29	Not Specified	IS:11255(P-3) 2008
2	Diameter	m	0.2800	Not Specified	IS:11255(P-3) 2008
3	Stack Temperature	°C	280	Not Specified	IS:11255(P-3) 2008
4	Velocity	m/s	13.33	Not Specified	IS:11255(P-3) 2008
5	Flue Gas discharge	Nm ³ /Hr	2008	Not Specified	IS:11255(P-3) 2008
6	Particulate matter	g/kW-hr	0.119	= 0.2 max	IS:11255(P-1) 1985
7	Sulphur dioxide	mg/Nm ³	< 3	Not Specified	Flue gas analyser
8	Carbon monoxide	g/kW-hr	0.755	= 3.5 max	Flue gas analyser
9	Nitrogen dioxide	g/kW-hr	1.417	= 4.0 max *	Flue gas analyser
10	Non Methane Hydrocarbons	g/kW-hr	< 0.001	= 4.0 max *	IS: 13270: 1992

Remarks: The Requirement mentioned here is as per Environment Protection Act-1986 S.No 95 G.S.R. 771(E)

* The Limit for (Nitrogen Dioxide + Hydrocarbons) as per the Standards

Terms And Conditions

S.No.

Description

- The results reported above pertains only to the tested samples and applicable parameters.
- Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
- Total liability of our laboratory is limited to the invoiced amount.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
- In case any reconfirmation of contents of this test certificate is required, please contact our office.
- Sampling is not done by us unless specified.
- Any discrepancy in the Test Certificate should be notified within 30 days.

Approved Authorized Signatory

Krishnamurthy.,

(Manager-Environment)

Approved On

27-FEB-2020

Printed by: Krishne.Gowda

Copy No.: 1

Printed on: 28-FEB-2020

Page No.: 1 of 1

Note : This document has been generated electronically and is valid without signature.

Format No.SAIL/FRM-01R



Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area,
Hoskote, Bangalore - 562 114, Karnataka, India
Tel : +91-80-2801 5333
E-mail : info@shivaaanalyticals.com
Website : www.shivaaanalyticals.com
CIN : U24230KA1994PTC125297
GSTN : 29AACCS8434K1ZV

Test Certificate (Environment)

Matrix: Ambient Air

Discipline

Group

Issued To

Address

Chemical

Atmospheric Pollution

Infosys Limited.,

II, Bangalore STP Park - I

No. 45 & 46, 3rd Cross, Electronics

City

Hosur Road, Bangalore - 560100

Customer ID

Sample for the month of March,

2020, Ambient Air Quality

Sample ID

Near Security Office-Focus

Building

Sampling Date

14-MAR-2020

Sampling Duration

24 Hrs

PO / Reference No.

2300149397

PO / Reference Date

12-JUN-2019

C.A.No.

05200328001430

Date of Receipt

23-MAR-2020

Date of Booking

28-MAR-2020

Date of Completion

22-APR-2020

Date of Issue

22-APR-2020

Instrument used for sampling

Ecotech Instruments Respirable
Dust sampler Model AAS 217
BL APM 411, MiniPM2.5 sampler
Ecotech AAS127

S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Particulate matter Size less than 10 microns	$\mu\text{g m}^{-3}$	68.0	100 max	IS: 5182 (Part-23); 2006
2	Particulate Matter size less than 2.5 microns	$\mu\text{g m}^{-3}$	32.5	60 max	IS: 5182 (Part 24); 2019
3	Sulphur Dioxide as SO ₂	$\mu\text{g m}^{-3}$	9.4	80 max	IS 5182 (Part-2); 2001
4	Nitrogen Dioxide as NO ₂	$\mu\text{g m}^{-3}$	34.2	80 max	IS:5182 (Part-6); 2006
5	Carbon Monoxide as CO	mg m^{-3}	1.43	2 max	IS: 5182 (Part-10); 1999
6	Lead as Pb	$\mu\text{g m}^{-3}$	0.015	1 max	IS: 5182 (Part-22); 2004
7	Ammonia as NH ₃	$\mu\text{g m}^{-3}$	31.5	400 max	IS: 5182 (Part-25); 2018
8	Ozone as O ₃	$\mu\text{g m}^{-3}$	22.8	100 max	IS 5182 (Part-9); 1974
9	Benzene as C ₆ H ₆	$\mu\text{g m}^{-3}$	Below detection Limit of 2.5	5 max	IS: 5182 (Part-11); 2006
10	Benzo(a)pyrene (Particulate phase only)	ng m^{-3}	Below Detection Limit of 0.1	1 max	IS: 5182 (Part-12); 2004
11	Arsenic as As	ng m^{-3}	Below Detection Limit of 1	6 max	USEPA Compendium Method IO 3.1 & 3.4
12	Nickel as Ni	ng m^{-3}	3.0	20 max	USEPA Compendium Method IO 3.1 & 3.4

Remarks: The Requirement mentioned here is as per National ambient air quality standards.

Approved Authorized Signatory

Krishnamurthy,
(Manager-Environment)

Approved On

22-APR-2020

Printed by: Krishne.Gowda

Copy No.: 1

Note : This document has been generated electronically and is valid without signature.

Format No.SAIL/FRM-01R

Printed on: 22-APR-2020

Page No.: 1 of 2



Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area,
Hoskote, Bangalore - 562 114, Karnataka, India
Tel : +91-80-2801 5333
E-mail : info@shivaanalytics.com
Website : www.shivaanalytics.com
CIN : U24230KA1994PTC125297
GSTN : 29AACCS8434K1ZV

Test Certificate (Environment)

Matrix: Ambient Air			
Discipline	Chemical	PO / Reference No.	2300149397
Group	Atmospheric Pollution	PO / Reference Date	12-JUN-2019
Issued To	Infosys Limited.,	C.A.No.	05200328001430
Address	IL Bangalore STP Park - I No. 45 & 46, 3rd Cross, Electronics City Hosur Road, Bangalore - 560100	Date of Receipt	23-MAR-2020
Customer ID	Sample for the month of March, 2020, Ambient Air Quality	Date of Booking	28-MAR-2020
Sample ID	Near Security Office-Focus Building	Date of Completion	22-APR-2020
Sampling Date	14-MAR-2020	Date of Issue	22-APR-2020
Sampling Duration	24 Hrs	Instrument used for sampling	Ecotech Instruments Respirable Dust sampler Model AAS 217 BL APM 411, Mini PM2.5 sampler Ecotech AAS127

Note: Instruments used

i) Ecotech Instruments Respirable Dust sampler Model AAS 217 BL APM 411

Date of Calibration : 22.08.2019; Next Calibration Due on: 21.08.2020

ii) Mini PM2.5 sampler, Ecotech AAS 127 MINI,

Date of Calibration : 23.08.2019

Next Calibration Due on: 22.08.2020

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

Approved Authorized Signatory

Krishnamurthy,
(Manager-Environment)

Approved On

22-APR-2020

Printed by: Krishna.Gowda

Copy No.: 1

Printed on: 22-APR-2020

Page No.: 2 of 2

Note : This document has been generated electronically and is valid without signature.

Format No.SAIL/FRM-01R



Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area,
Hoskote, Bangalore - 562 114, Karnataka, India
Tel : +91-80-2801 5333
E-mail : info@shivaaanalyticals.com
Website : www.shivaaanalyticals.com
CIN : U24230KA1994PTC125297
GSTN : 29AACCS8434K1ZV

Test Certificate (Environment)

Matrix: Noise

Discipline

Group

Issued To

Address

Chemical

Atmospheric Pollution

Infosys Limited.,

IL Bangalore STP Park - I

No. 45 & 46, 3rd Cross, Electronics
City

Hosur Road, Bangalore - 560100

Customer ID

Sample for the month of March

2020, Ambient Noise

Sample ID

Focus building-Near main gate

Sampling Date

14-MAR-2020

Sampling Duration

24 Hrs

PO / Reference No.

2300149397

PO / Reference Date

12-JUN-2019

C.A.No.

05200328001446

Date of Receipt

23-MAR-2020

Date of Booking

28-MAR-2020

Date of Completion

22-APR-2020

Date of Issue

22-APR-2020

Instrument used for sampling

Sound Level Meter- BASE LINE,
Model 2511

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	Day Time Noise Level	dB(A) Leq	58.7	IS 9989: 1981
2	Night Time Noise Level	dB(A) Leq	47.8	IS 9989: 1981

Remarks: Ambient air quality standards in respect of Noise as per Environment (Protection) Rules, 1986

Area Code----- Category of area----- Day Time Limits in dB(A) Leq----- Day Time Limits in dB(A) Leq

(A)----- Industrial area-----75-----65

(B)----- Commercial area-----65-----55

(C)----- Residential area-----55-----45

(D)----- Silence Zone-----50-----40

Note1: Day time is reckoned in between 06.00 am and 09.00 pm

Note2: Night time is reckoned in between 09.00 pm and 06.00 am

Note: Instruments used and Calibration details

Sound Level Meter-Sound Tek, Model SL ST-130

Date of Calibration : 05.06.2019

Next Calibration Due on: 04.06.2020

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

Approved Authorized Signatory

Krishnamurthy,
(Manager-Environment)

Approved On

22-APR-2020

Printed by: Krishna.Gowda

Printed on: 22-APR-2020

Copy No.: 1

Page No.: 1 of 1

Note : This document has been generated electronically and is valid without signature.

Format No.S.ML/FRM-01R



Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area,

Hoskote, Bangalore - 562 114, Karnataka, India

Tel : +91-80-2801 5333

E-mail : info@shivaaanalytics.com

Website : www.shivaaanalytics.com

CIN : U24230KA1994PTC125297

GSTN : 29AACC8434K1ZV

Test Certificate (Environment)

Matrix: Noise

Discipline

Group

Issued To

Address

Chemical

Atmospheric Pollution

Infosys Limited.,

IL Bangalore STP Park - I

No. 45 & 46, 3rd Cross, Electronics

City

Hosur Road, Bangalore - 560100

Customer ID

Sample for the month of March

2020, Ambient Noise

Sample ID

Focus building Near gate -2

Sampling Date

14-MAR-2020

Sampling Duration

24 Hrs

PO / Reference No.

2300149397

PO / Reference Date

12-JUN-2019

C.A.No.

05200328001447

Date of Receipt

23-MAR-2020

Date of Booking

28-MAR-2020

Date of Completion

22-APR-2020

Date of Issue

22-APR-2020

Instrument used for sampling

Sound Level Meter- BASE LINE
Model 2511

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	Day Time Noise Level	dB(A) Leq	58.4	IS 9989: 1981
2	Night Time Noise Level	dB(A) Leq	56.8	IS 9989: 1981

Remarks: Ambient air quality standards in respect of Noise as per Environment (Protection) Rules, 1986

Area Code----- Category of area----- Day Time Limits in dB(A) Leq----- Day Time Limits in dB(A) Leq

(A)----- Industrial area-----75-----65

(B)----- Commercial area-----65-----55

(C)----- Residential area-----55-----45

(D)----- Silence Zone-----50-----40

Note1: Day time is reckoned in between 06.00 am and 09.00 pm

Note2: Night time is reckoned in between 09.00 pm and 06.00 am

Note: Instruments used and Calibration details

Sound Level Meter-Sound Tek, Model SL ST-130

Date of Calibration : 05.06.2019

Next Calibration Due on: 04.06.2020

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

Approved Authorized Signatory

Krishnamurthy.,

(Manager-Environment)

Approved On

22-APR-2020

Printed by: Krishne.Gowda

Copy No.: 1

Note : This document has been generated electronically and is valid without signature.

Format No SAIL /EDM-01R

Printed on: 22-APR-2020

Page No.: 1 of 1



Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area,
Hoskote, Bangalore - 562 114, Karnataka, India
Tel : +91-80-2801 5333
E-mail : info@shivaaanalyticals.com
Website : www.shivaaanalyticals.com
CIN : U24230KA1994PTC125297
GSTN : 29AACCS8434K1ZV

Test Certificate (Environment)

Matrix: Noise			
Discipline	Chemical	PO / Reference No.	2300149397
Group	Atmospheric Pollution	PO / Reference Date	12-JUN-2019
Issued To	Infosys Limited.,	C.A.No.	05200328001448
Address	IL Bangalore STP Park - I No. 45 & 46, 3rd Cross, Electronics City Hosur Road, Bangalore - 560100	Date of Receipt	23-MAR-2020
Customer ID	Sample for the month of March 2020, Ambient Noise	Date of Booking	28-MAR-2020
Sample ID	Focus building Back side near LT panel area	Date of Completion	22-APR-2020
Sampling Date	14-MAR-2020	Date of Issue	22-APR-2020
Sampling Duration	24 Hrs	Instrument used for sampling	Sound Level Meter- BASE LINE, Model 2511

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	Day Time Noise Level	dB(A) Leq	58.5	IS 9989: 1981
2	Night Time Noise Level	dB(A) Leq	47.8	IS 9989: 1981

Remarks: Ambient air quality standards in respect of Noise as per Environment (Protection) Rules, 1986

Area Code----- Category of area----- Day Time Limits in dB(A) Leq----- Day Time Limits in dB(A) Leq

(A)----- Industrial area-----75-----65

(B)----- Commercial area-----65-----55

(C)----- Residential area-----55-----45

(D)----- Silence Zone-----50-----40

Note1: Day time is reckoned in between 06.00 am and 09.00 pm

Note2: Night time is reckoned in between 09.00 pm and 06.00 am

Note: Instruments used and Calibration details

Sound Level Meter-Sound Tek. Model SL ST-130

Date of Calibration : 05.06.2019

Next Calibration Due on: 04.06.2020

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

Approved Authorized Signatory

Krishnamurthy,
(Manager-Environment)

Approved On

22-APR-2020

Printed by: Krishne.Gowda

Copy No.: 1

Note : This document has been generated electronically and is valid without signature.

Format No.SAIL/FRM-01R

Printed on: 22-APR-2020

Page No.: 1 of 1

TEST REPORT

ULR - TC764719000000934F

Date: 22.02.2020

CUSTOMER DETAILS		SAMPLE DETAILS	Date: 22.02.2020
Name & Address M/s Infosys Ltd, FOCUS BUILDING, Electronics City, Bangalore..	Sample Code No. Sample received on Reference Description of the sample Date of Analysis started Date of Analysis Completed Quantity of the sample Packing seal and signature Sampling Subcontract Condition of the sample when received:	: AWRTCLWTR – C&B/ 08813-08813A/ 19-20 :11.02.2020 :PO.NO.430002253 Dated 24.05.2019 :TREATED SEWAGE WATER :11.02.2020(Chemistry) :11.02.2020 (Microbiology) :15.02.2020(Chemistry) :13.02.2020 (Microbiology) :1 Ltr + 250ml : Without seal & Signature :Mr.Ramu - IS 3025(Part 1) 1987 (RA 2019) : Not Applicable Clear water in Plastic and sterilized bottles.	
TEST DATA: CHEMICAL TESTING – WATER			

TEST DATA: CHEMICAL TESING - WATER

S.No	PARAMETER TESTED	UNITS	TEST METHOD	TEST RESULT	Effluent discharge standard for Sewage treatment plant CPCB And KSPCB consent Parameters Requirement (Acceptable Limit)
1	Color	Hazen	APHA 23 rd edn 2120 B	<5.0	--
2	Odor	----	IS 3025 (Part 5):1983 (RA 2018)	Agreeable	--
3	Turbidity NTU	NTU	APHA 23 rd edn 2130 B	<1.0	--
4	pH Value	----	APHA 23 rd edn 4500 H+ B	7.66	6.5-9.0
5	Total Dissolved solids	mg/L	APHA 23 rd edn 2540 C	779.0	--
6	Total suspended Solids	mg/L	APHA 23 rd edn 2540 D	<1.0	≥ 20
7	Oil and grease	mg/L	APHA 23 rd edn 5520 B	<0.1	--
8	Residual Chlorine	mg/L	APHA 23 rd edn 4500 Cl F	<0.2	--
9	BOD	mg/L	IS 3025 (Part 44):1993 (RA 2019)	6.80	≥ 10
10	COD	mg/L	APHA 23 rd edn 5220 B	20.0	≥ 50
11	Ammonical nitrogen NH3-N	mg/L	APHA 23 rd edn 4500 NH 3 F	<0.1	≥ 5.0
12	Total Nitrogen as N	mg/L	IS 3025Part 34 1998 (RA 2009) + APHA 23 rd edn 4500NO3B + 4500 Norg	0.78	≥ 10

TEST DATA: MICROBIOLOGICAL TESTING - WATER


S.No	PARAMETER TESTED	TEST METHOD	TEST RESULT	Effluent discharge standard for Sewage treatment plant CPCB And KSPCB consent Parameters
1	Faecal Coliform MPN / 100 ml	IS 1622:1981 (RA 2019)	Not Detected	Less than 100
2	E. coli or thermotolerant Coliform bacteria Presence or Absence / 100ml	IS 1622:1981 (RA 2019)	Absent	---

MPN: Most Probable Number
INTERPRETATION: ---

MPN: Most Probable Number

INTERPRETATION: Tested sample of water conforms to above Specification.

AUTHORIZED SIGNATORY

For, 
DR S. MURĀLIDHARA RAO
Head - Laboratory

REPORT No: AWRTEL/ WTR-C&B /08813-08813A / 19-20, Date: 22.02.2020 Page 1 of 3

NABL ACCREDITED LABORATORY | RECOGNIZED BY IAPMO R&T - USA

WE UNDERTAKE ANALYTICAL JOBS FOR WATER, FOOD, BIOCIDAL RESINS, DETERGENTS, & SANITIZERS AND SOIL. WE CARRY OUT PERFORMANCE EVALUATION OF DRINKING WATER TREATMENT UNITS AS PER NSF/ANSI AND BIS STANDARDS BASED ON PERFORMANCE WE CAN ARRANGE FOR CERTIFICATION FROM IAPMO R&T - USA.

Note:

1. The Results pertain only to the tested samples and applicable parameters.
2. Samples will be disposed after 15 days from the issue of test certificate unless otherwise specified. In case of bacteriological tests, the samples will be disposed after 7 days itself from the date of issuing the certificate.

TEST REPORT

ULR - TC764719000000934F

Date: 22.02.2020

CUSTOMER DETAILS	SAMPLE DETAILS
Name & Address M/s Infosys Ltd, FOCUS BUILDING, Electronics City, Bangalore..	Sample Code No. : AWRCLWTR - C&B/ 08813/ 19-20 Sample received on : 11.02.2020 Reference : PO.NO.430002253 Dated 24.05.2019 Description of the sample : TREATED SEWAGE WATER Date of Analysis started : 11.02.2020 Date of Analysis Completed : 15.02.2020 Quantity of the sample : 1 Ltr Packing seal and signature : Without seal & Signature Sampling : Mr.Ramu - IS 3025(Part 1) 1987 (RA 2019) Subcontract : Not Applicable Condition of the sample when received: Clear water in a Plastic bottle.

TEST DATA:CHEMICAL TESTING - WATER

S.No	PARAMETER TESTED	TEST METHOD	TESTRESULT
1	Silica as SiO ₂ mg/L	APHA 23 rd edn 4500 SiO ₂ C	7.70

AUTHORIZED SIGNATORY

[Signature]

[Signature]
bga jbo

[Signature]
for,
DR S. MURALIDHARA RAO
Head - Laboratory

REPORT No: AWRCL/ WTR-C /08813 / 19-20, Date: 22.02.2020 Page 2 of 3

NABL ACCREDITED LABORATORY | RECOGNIZED BY IAPMO R&T - USA

WE UNDER TAKE ANALYTICAL JOBS FOR WATER, FOOD, BIOCIDAL RESINS, DETERGENTS & SANITIZERS AND SOIL. WE CARRY OUT PERFORMANCE EVALUATION OF DRINKING WATER TREATMENT UNITS AS PER NSF/ANSI AND BIS STANDARDS BASED ON PERFORMANCE WE CAN ARRANGE FOR CERTIFICATION FROM IAPMO R&T - USA.

Note:

- The Results pertain only to the tested samples and applicable parameters.
- Samples will be disposed after 15 days from the issue of test certificate unless otherwise specified. In case of bacteriological tests, the samples will be disposed after 7 days itself from the date of issuing the certificate.
- This report is not to be reproduced either wholly or in parts and cannot be used as evidence in the court of Law and should not be used in any advertising media without prior written permission.

TEST REPORT

ULR - TC764719000000934F

Date: 22.02.2020

CUSTOMER DETAILS	SAMPLE DETAILS
Name & Address M/s Infosys Ltd, FOCUS BUILDING, Electronics City, Bangalore	Sample Code No. : AWRCLWTR - C&B/ 08813/ 19-20 Sample received on : 11.02.2020 Reference : PO.NO.430002253 Dated 24.05.2019 Description of the sample : TREATED SEWAGE WATER Date of Analysis started : 11.02.2020 Date of Analysis Completed : 15.02.2020 Quantity of the sample : 1 Ltr Packing seal and signature : Without seal & Signature Sampling : Mr.Ramu - IS 3025(Part 1) 1987 (RA 2019) Subcontract : Not Applicable Condition of the sample when received: Clear water in a Plastic bottle.

TEST DATA:CHEMICAL TESING - WATER

S.No	PARAMETER TESTED	UNIT	TEST METHOD	TESTRESULT
1	Sodium absorption ratio (SAR)	Mmol/L	APHA 23 rd edn 3500 Ca B+NaB+Mg B	10.23

AUTHORIZED SIGNATORY

[Signature]

[Signature]

For, *[Signature]*
DR S. MURALIDHARA RAO
Head - Laboratory

REPORT No: AWRCL/ WTR-C /08813 / 19-20, Date: 22.02.2020 Page 3 of 3

End of the Report

NABL ACCREDITED LABORATORY | RECOGNIZED BY IAPMO R&T - USA

WE UNDER TAKE ANALYTICAL JOBS FOR WATER, FOOD, BIOCIDAL RESINS, DETERGENTS & SANITIZERS AND SOIL. WE CARRY OUT PERFORMANCE EVALUATION OF DRINKING WATER TREATMENT UNITS AS PER NSF/ANSI AND BIS STANDARDS BASED ON PERFORMANCE WE CAN ARRANGE FOR CERTIFICATION FROM IAPMO R&T - USA.

Note:

1. The Results pertain only to the tested samples and applicable parameters.
2. Samples will be disposed after 15 days from the issue of test certificate unless otherwise specified, in case of bacteriological tests, the samples will be disposed after 7 days itself from the date of issuing the certificate.
3. This report is not to be reproduced either wholly or in parts and cannot be used as evidence in the court of Law and should not be used in any advertising media without prior written permission.