

Date: 23rd June 2020

To,

**Environmental Engineer** 

Punjab Pollution Control Board

Plot no-55, Phase II

Opposite Bassi Theater, SAS Nagar, Punjab

Sub: Submission of Environmental; Statement from 1st April 2019 to 31st March 2020

Dear Sir,

We hereby submit the Environment Statement as provided under rule 14 of the Environment (Protection) rules 1986 for the financial year 2019-20 ending 31st March 2020.

Thanking You,

For Infosys Limited

Puneet Singh Randhawa

Regional Head-Facilities

Corporate Office:

# **ANNEXURE**

# ENVIRONMENTAL STATEMENT FORM-V (See rule 14)

Environmental Statement for the financial year 2019-20 ending with 31st March 2020

## PART-A

i. Name and address of the owner/ occupier of the industry:	Infosys Limited Plot No. 1-3, Sector 83 A, SAS Nagar, Mohali, Punjab, Mohali, SAS Nagar-160055
Operation or process:	Software Development
ii. Industry category Primary-(STC Code) So	econdary- (STC Code) N.A
iii. Production category. Units:	Software Development
iv. Year of establishment:	2017
v. Date of the last environmental statement s	rubmitted: NA
PART	$T\!-\!B$
Water and Raw Material Consumption:	
i. Water consumption in m3/d	
Process:	N.A
Cooling:	N.A
Domestic:	14 m³/d

## **Enclosures:**

- 1) Copy of Test Report for Treated Sewage
- 2) Copy of Test report for D.G set emissions

Name of Products	Process water consumption per unit of products output		
	During the previous	During the current	
	financial year	financial year	
1.	N. A		
2.			
3.			
4.			
5.			
6.			

# ii. Raw material consumption

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

<sup>\*</sup> 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

# <u>Pollution discharged to environment/unit of output</u> (Parameter as specified in the consent issued) Software Industry

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed Standards with reasons.
(a) Water	_	_	_
(b) Air	-	-	-

# PART-D

# **HAZARDOUS WASTES**

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

Hazardous Wastes		Total Quantity (Kg)	
	During the	During the	
	financial year (2018-19)	financial year (2019-20)	
1. From Process	NIL as industry was in start up phase	NIL as industry was in start up phase	
2.From Pollution Control			
Facilities			

# PART - E

# **SOLID WASTES:**

Solid Wastes	,	Total Quantity (Kg)	
	During the	During the	
	financial year (2018-19)	financial year (2019-20)	
a. From process	N.A	N.A	
b. From Pollution Control Facility	N.A	N.A	
c. Quantity recycled or re-utilized within the unit.	N.A	N.A	

#### PART-F

<u>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.</u>

HW	2018-19	2019-20	Authorized Vendor	Disposal Method	
NIL since	our industry was	in starting pha	ise only		

#### PART-G

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

- 1. All the waste generated in the campus is collected in the scrap yard and sold to recyclers
- 2. Paper waste is shredded and sold to recyclers. One side blank pages are used a rough pads
- 3. Hazardous waste like Used Oil, E waste, DG filters etc. will be sold to authorized recyclers
- 4. Yearly target are set to reduce the consumption of natural resource (Water, Electricity and paper)
- 5. Training session are provided to employees and the contract staff on optimal use of the natural resource
- 6. LED and sensor lights are used in the campus
- 7. All the waste water generated in the campus is recycled in the campus through Sewage Treatment Plant and treated water is used for landscaping and flushing in buildings.
- 8. Various meeting rooms converted to VC room for better employee interaction and a step towards saving environment.
- 9. Regular review meetings are conducted to keep a check on the progress of the EMS
- 10. Monthly internal audits are conceited by certified lead auditors on EMS
- 11. All the critical equipment are under AMC, this helps to keep them efficient thus decreasing the pollution

Objective	Results
Trees plantation inside the campus for better biodiversity	179 trees planted in 2019-20
Forums within Infosys to create awareness and drive the environment initiative	Teams formulated to drive the awareness camps in different fields
Zero discharge campus	All the waste water generated is routed to Sewage Treatment Plant with Sequential Bio-Reactor technology, the treated water is used for landscaping and flushing system

#### PART - H

# <u>Additional measures/investment proposal for environmental protection including</u> abatement of pollution

- Infosys has been certified compliant to ISO 14001 & ISO 18001 (OHSAS)
- Energy conservation practices implemented
- Efforts have been taken to minimize the use of plastics/ Thermocol within the campus
- Sustainability has been at the core of our business philosophy. Infosys Sustainability Report is published annually. Our sustainability report provides an update on the responsible business practices across social, environmental and economic parameters in accordance with the GRI 4.0 framework for the year 2016-17. It delineates our sustainability agenda across three areas social contract, resource intensity, and green innovation.

Objective	Strategy	Results
Reduction in absolute power consumption	<ul> <li>To maintain performance in terms of per capita electricity consumption same as FY19</li> <li>Replacement of Old MH lights with LED lights.</li> </ul>	Reduction of 5.18 % in per capita as compared to FY 2018-19
Reduction in absolute water consumption	<ul> <li>Installation of Online digital water meters to monitor continuous water consumption and detect any leakage.</li> <li>Reuse of recycled water in flushing system in buildings, thus reducing the consumption of raw water.</li> </ul>	Reduction of 19.47 % in per capita as compared to FY 2018-19
Plantation of trees	- Plantation of native trees	179 trees planted in 2019-20
	<ul> <li>ARPAN for all sustainability related activities.</li> <li>VOY (Voice of Youth) driving thru various campaigns</li> <li>Eco club Team which works with consultants to implement to the latest technologies available.</li> <li>HALE (Health Assessment and Life Enrichment)</li> <li>E waste drive and pollution check drive conducted by the Eco-club</li> </ul>	

#### PART-I

## **MISCELLANEOUS:**

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

Water is used in kitchens, toilets and the domestic sewage generated is recycled through Sewage Treatment Plant and recycled water is used for Landscaping. LED lights in place of halogen lights and CFL's is being used in the campus.

We have made conscious effort to switch over to refrigerants with a zero ODP and this has resulted in the use of R410A, R407C and R134A.

The waste bins are identified with colour codes; awareness trainings are in place to ensure proper segregation at the source.

The disposal paper cups, bowls, plates etc. are replaced with reusable containers, which has drastically reduced our waste generation.





### **Test Report**

Document QF: 2501

Page 1 of 2

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Nagar

Mohali

Sample Reg. No. :E01-2002290940

Sample Reg. Date :29-02-2020

Report Date

:11-03-2020

Report No.

:ICE-2003110399

NABL ULR No. :TC592620000002219F

Customer Ref. No.:PO

**Letter Dated** 

:11.03.19

Test Report as per

: EPA Act 1986/PCLS/2010

**General Information** 

(a) Rated Capacity

Name of the emission source monitored

(b) Capacity on sampling day

(c) Type of fuel used & its consumption

(d) Normal operating schedule

2. Stack Identification

3. Type of Stack/Duct

4. Stack Height from Ground Level(m)

Diameter of the Stack(cm) (6) Sampling Duration(minutes)

Purpose of Monitoring

(8) Air Pollution control measure

(a) Status

(b) Recovery of Material

(9) Fugitive Emission, if any

**Observations** 

Flue Gas Temperature, °C, Avg.

Flue Gas Velocity(m/s),Avg.

Ambient Air Temperature, °C

: Stack Emission of DG Set

: 160 kVA

: 42 KW

: HSD & 18 ltr/hr

: As required

: Stack attached to DG Set (160 kVA)

: Metal

: 3.048

: 15.24

: 66

: To assess the pollution load

: Not applicable

: -

: -

: Nil

Volumetric Flow Rate(Nm<sup>3</sup>/hr.)

: 172

: 11.68

: 497.17

:21

TEST	D	ECI	TT	TC	3
	r			1	٩

S.No.	Test Parameter	Method	Requirement	Result
Γest Det	ails:	•		-
1.	General Parameters			
a.	Particulate Matter,mg/Nm3	IS:11255(P-1)	Max. 150	42
b.	Sulphur Dioxide(SO <sub>2</sub> ),mg/Nm3	IS:11255(P-2)	-	10



11-03-2020

Reviewer

**PremKumar** [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory) (A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana) Phone: (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
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# **Interstellar Testing Centre Pvt. Ltd.**



### **Test Report**

Document QF: 2501

Page 2 of 2

	Sample Reg. No. :E01-2002290940
Issued To	Sample Reg. Date: 29-02-2020
Infosys Limited.	<b>Report Date</b> :11-03-2020
IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS	Report No. :ICE-2003110399
Nagar	NABL ULR No. :TC592620000002219F
Mohali	Customer Ref. No.:PO

:11.03.19

c.	Oxides of Nitrogen(As NO2),mg/m3	IS:11255(P-7)	-	228
d.	Carbon Monoxide(as CO)(mg/Nm3)	IS:13270	-	112
e.	Non Methane Hydrocarbon, mg/Nm <sup>3</sup>	IS:13270	-	60

Letter Dated

NOTE: NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 28.02.2020

**REMARKS: N/A** 

\*\*\*\*\*End Of Report\*\*\*\*

Vikrant 11-03-2020 Reviewer

11-03-2020 **PremKumar** [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd. (ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory) (A Government Approved Test House)

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<sup>&#</sup>x27;#' represents Customer Defined Fields



Report Date

### **Test Report**

Document QF: 2501

Page 1 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Nagar Mohali

:11-03-2020

Report No. :ICE-2003110415

NABL ULR No. :TC592620000002265P Customer Ref. No.:PO

Sample Reg. No. :E01-2003030097 Sample Reg. Date :03-03-2020

Letter Dated :11.03.19

Test	Report as per IS:NA	Amendment No.(s):			
PART A: PARTICULARS OF SAMPLE SUBMITTED					
a)	Nature of Sample#		STP Inlet Water		
b)	Grade / Variety / Type / Class / Size etc.		NA		
c)	Brand Name		NA		
d)	Declared Values,if any		NA		
e)	Code No.				
f)	Batch Number#		NA		
g)	D.O.M#		NA		
h)	Date of Expiry #		NA		
i)	Sample Quantity #		2 Ltr 100ml		
j)	Batch Size/Location#		NA		
k)	Mode of Packing		Packed in a can & in plastic container		
1)	Date of Receipt		03-03-2020		
m)	Date of Start		03-03-2020		
n)	Date of Completion		11-03-2020		
o)	Seal (Intact/Not Intact/Unsealed)		NA		
p)	IO'S Signature (Signed/Unsigned)		Unsigned		
q)	Any Other Information		Sample collected by lab rep. on dated 03.03.2020		
r)	Test Request Submitted By		Infosys LimitedMohali ( Punjab )		
s)	Manufactured By #		NA		
t)	Supplied By #		NA		
PAR'	T B : SUPPLIMENTARY INFORMATIONS				
a.	Reference to sampling procedure, whenever applicable		: N/A		

11-03-2020 Rashmi Sharma

[Authorized Signatory]

Vikrant 11-03-2020

Reviewer

**PremKumar** [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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### **Test Report**

Document QF: 2501

Page 2 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Nagar Mohali

Sample Reg. No. :E01-2003030097 Sample Reg. Date :03-03-2020

Report Date

:11-03-2020

Report No.

:ICE-2003110415

NABL ULR No. :TC592620000002265P

Customer Ref. No.:PO

Letter Dated

:11.03.19

Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or : N/A photographs as appropriate to test reports, if any

Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any

: N/A

#### PART C: TEST RESULTS

n			
Des	cri	nti	on

Description STP Inlet Water

S.No.	Test Parameter	Method	Requirement	Result				
st De	tails :							
1.	General Parameters							
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1		Light Brown				
b.	Turbidity(NTU)	IS 3025 (Part 10)	Not Specified	246				
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		6.92				
d.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)		176				
e.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA.2006)		1284				
f.	Chemical Oxygen Demand(mg/L)	APHA-23rd Edition		660				
g.	Bio-chemical Oxygen Demand, mg/L (5 days at 20°C)	IS:3025(P-44)		238				
h.	Oil & Grease(mg/L)	IS:3025(P-39)		11.2				
i.	Total Residual Chlorine(mg/L)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ (LOQ:0.1)				
j.	Ammonical Nitrogen(As N)(mg/l)	APHA-23rd Edition Guidelines		27				
k.	Total Kjeldahi Nitrogen (as N)	APHA-23rd Edition Guidelines		32				
1.	Silica as SiO2(mg/l)	APHA-23rd Edition		4.30				
2.	Microbiological Tests							
a.	E.Coli/100 ml *	APHA-23 rd Edn 17- 9221 F		24				

11-03-2020 Rashmi Sharma [Authorized Signatory]

Vikrant 11-03-2020 Reviewer

**PremKumar** [Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

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**Test Report** 

Document QF: 2501

Page 3 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Nagar Mohali Sample Reg. Date :03-03-2020

Sample Reg. No. :E01-2003030097

Report Date

:11-03-2020

Report No.

:ICE-2003110415

NABL ULR No.

:TC592620000002265P

Customer Ref. No.:PO

**Letter Dated** 

:11.03.19

NOTE: NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification

PART D: REMARKS: N/A

\*\*\*\*\*End Of Report\*\*\*\*

11-03-2020 Rashmi Sharma [Authorized Signatory]

Vikrant 11-03-2020 Reviewer

**PremKumar** [Authorized Signatory]

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<sup>\*</sup> represents categories/test parameters not covered under NABL | \* represents outsource sample | # represents Customer Defined Fields



### **Test Report**

Document QF: 2501

Page 1 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Mohali

Sample Reg. No. :E01-2003030098 Sample Reg. Date :03-03-2020 Report Date :11-03-2020 Report No. :ICE-2003110414

NABL ULR No. :TC592620000002269P

Customer Ref. No.:PO

Letter Dated

:11.03.19

st l	Report as per IS:EPA Act 1986/PCLS/2010	With Amendment No.(s):
AR	T A: PARTICULARS OF SAMPLE SUBMITT	ED
a)	Nature of Sample#	STP Outlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number#	NA
g)	D.O.M#	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr 100ml
j)	Batch Size/Location#	NA
k)	Mode of Packing	Packed in a can & in plastic container
1)	Date of Receipt	03-03-2020
m)	Date of Start	03-03-2020
n)	Date of Completion	11-03-2020
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on dated 03.03.2020
r)	Test Request Submitted By	Infosys LimitedMohali ( Punjab )
s)	Manufactured By #	NA
t)	Supplied By#	NA
PAR	Γ B: SUPPLIMENTARY INFORMATIONS	•
a.	Reference to sampling procedure, whenever applicable	e : N/A

11-03-2020 Rashmi Sharma [Authorized Signatory]

Vikrant 11-03-2020 Reviewer

PremKumar [Authorized Signatory]

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**Test Report** 

Document QF: 2501

Page 2 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Nagar Mohali Report Date

Sample Reg. Date :03-03-2020

Sample Reg. No. :E01-2003030098

:11-03-2020

Report No.

:ICE-2003110414

NABL ULR No. :TC592620000002269P

Customer Ref. No.:PO

Letter Dated

:11.03.19

Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or : N/A photographs as appropriate to test reports, if any

Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any

: N/A

#### PART C: TEST RESULTS

#### Description

Description STP Outlet Water

S.No.	Test Parameter	Method	Requirement	Result		
est Det	tails:	•				
1.	General Parameters					
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless		
b.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	5.5-9	8.12		
c.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)	Max. 100	2		
d.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA.2006)	Max. 2100	1128		
e.	Chemical Oxygen Demand(mg/L)	APHA-23rd Edition	Max. 250	34		
f.	Bio-chemical Oxygen Demand, mg/L (5 days at 20°C)	IS:3025(P-44)	Max. 30	11		
g.	Oil & Grease(mg/L)	IS:3025(P-39)	Max. 10	<0.1		
h.	Total Residual Chlorine(mg/L)	IS:3025(Part 26):1986(RA:2014)amd no 1	Max. 1.0	BLQ (LOQ:0.1)		
i.	Ammonical Nitrogen(As N)(mg/l)	APHA-23rd Edition Guidelines	Max. 50	1.2		
j.	Total Kjeldahi Nitrogen (as N)	APHA-23rd Edition Guidelines	Max. 100	3.6		
k.	Silica as SiO2(mg/l)	APHA-23rd Edition	Not Specified	3.1		
1.	Turbidity(NTU)	IS 3025 (Part 10)	Not Specified	1.4		
2.	Microbiological Tests					
a.	Faecal Coliform/100ml *	APHA-23 rd Edn 17- 9221 F	Not Specified	11		
		11 - 03		~~		

11-03-2020 Rashmi Sharma [Authorized Signatory]

Vikrant 11-03-2020 Reviewer

**PremKumar** [Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory) (A Government Approved Test House)

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### **Test Report**

Document QF: 2501

Page 3 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Nagar

Mohali

Sample Reg. No. :E01-2003030098

Sample Reg. Date :03-03-2020

Report Date

:11-03-2020

Report No.

:ICE-2003110414

NABL ULR No.

:TC592620000002269P

Customer Ref. No.:PO

Letter Dated

:11.03.19

APHA-23 rd Edn 17-9221 F

Absent

<1.8

NOTE: NA- Not Applicable, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification, Requirement as per EPA 1986/PCLS/2010, G.S.R. 1265(E), Dated 13.10.2017,

PART D: REMARKS: N/A

\*\*\*\*\*End Of Report\*\*\*\*

11-03-2020 Rashmi Sharma [Authorized Signatory]

Vikrant 11-03-2020 Reviewer

**PremKumar** [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd. (ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory) (A Government Approved Test House)

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E.Coli/100 ml \* b.

<sup>\*</sup> represents categories/test parameters not covered under NABL | \* represents outsource sample | # represents Customer Defined Fields





### **Test Report**

Document QF: 2501

Page 1 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Nagar

Mohali

Sample Reg. No. :E01-2003030100 Sample Reg. Date :03-03-2020

Report Date

:13-03-2020

Report No.

:ICE-2003130476

NABL ULR No. :TC592620000002355F

Customer Ref. No.:PO

Letter Dated

:11.03.19

'aat '	Deposit as now ISING S	Wish American No. (-) co		
Test Report as per IS:BIS Specification IS:10500-2012  With Amendment No.(s):02				
PAR	T A : PARTICULARS OF SAMPLE SUBMITTED			
a)	Nature of Sample#	WTP Treated Water		
b)	Grade / Variety / Type / Class / Size etc.	NA		
c)	Brand Name	NA		
d)	Declared Values, if any	NA		
e)	Code No.			
f)	Batch Number#	NA		
g)	D.O.M #	NA		
h)	Date of Expiry #	NA		
i)	Sample Quantity #	2 Ltr 100ml		
j)	Batch Size/Location#	NA		
k)	Mode of Packing	Packed in a can & in plastic container		
1)	Date of Receipt	03-03-2020		
m)	Date of Start	03-03-2020		
n)	Date of Completion	13-03-2020		
o)	Seal (Intact/Not Intact/Unsealed)	NA		
p)	IO'S Signature (Signed/Unsigned)	Unsigned		
q)	Any Other Information	Sample collected by lab rep. Mr. kimti as per SOP/ITC/EW/030 on dated 03.03.2020		
r)	Test Request Submitted By	Infosys LimitedMohali ( Punjab )		
s)	Manufactured By #	NA		
t)	Supplied By #	NA		

'ART B : SUPPLIMENTARY INFORMATIONS

13-03-2020 Rashmi Sharma [Authorized Signatory]

Vikrant 13-03-2020 Reviewer

**PremKumar** [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory) (A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone: (O) 0172-2561543, 2565825

Visit us: www.itclabs.com Email: customersupport@itclabs.com

- · Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- · Test certificates in full or parts shall not be used for promotional or publicity
- If sample is not consumed during analysis, it will be stored as per SOP of controlled sample management.





**Test Report** 

Document QF: 2501

Page 2 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Nagar Mohali

Sample Reg. Date :03-03-2020

Sample Reg. No. :E01-2003030100

Report Date

:13-03-2020

:ICE-2003130476

Report No.

NABL ULR No. :TC592620000002355F

Customer Ref. No.:PO

**Letter Dated** 

:11.03.19

Reference to sampling procedure, whenever applicable

Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or

photographs as appropriate to test reports, if any

Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any

: N/A

### PART C: TEST RESULTS

#### Description

Description Clear Colourless Liquid

S.No.	Test Parameter	Method	Acceptable Limit	Permissible Limit (Absence of Alternate Source)	Result		
Test De	etails:	•					
1.	Organoleptic & Physical Parameter						
a.	Colour (Hazen)	IS:3025(Part4):1983( RA:2017)amd. no1	5 Max.	15 Max.	4		
b.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.02		
c.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5		
d.	Total Dissolved Solids mg/L	IS:3025(Part 16):1984(RA.2006)	500 Max.	2000 Max.	376		
2.	Parameters Concerning Undesirable Substances in excess amount						
a.	Calcium(as Ca),(mg/L)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	11.3		
b.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	19.7		
c.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	BLQ(LOQ:0.1)		
d.	Free Residual Chlorine (mg/L)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable		
e.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	BLQ(LOQ:0.01)		

13-03-2020 Rashmi Sharma [Authorized Signatory]

Vikrant 13-03-2020 Reviewer

13-03-2020 **PremKumar** [Authorized Signatory]

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### **Test Report**

Document QF: 2501

Page 3 of 3

**Issued To** 

Infosys Limited.

IL Mohali, SEZ Unit-1, Plot No.1-3, IT City Sector-83, Alpha, SAS

Mohali

Sample Reg. No. :E01-2003030100

Sample Reg. Date :03-03-2020

**Report Date** :13-03-2020 Report No.

:ICE-2003130476

NABL ULR No. :TC592620000002355F

Customer Ref. No.:PO

**Letter Dated** 

:11.03.19

f.	Magnesium(asMg) (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	6.8
g.	Total Alkalinity(as CaCO3)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	317
h.	Total Hardness(as CaCO <sub>3</sub> ), mg/L	IS 3025 (Part 21)	200 Max.	600 Max.	56.5
3.	Microbiological Tests				
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Absent	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Absent	-	Absent

<sup>&#</sup>x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification

PART D: REMARKS: The above referred sample of WTP Treated Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

\*\*\*\*\*End Of Report\*\*\*\*

13-03-2020 Rashmi Sharma [Authorized Signatory]

Vikrant 13-03-2020 Reviewer

13-03-2020 **PremKumar** [Authorized Signatory]

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