

Date: 28th May 2020

Ministry of Environment, Forests and Climate Change Northern Regional Office Bay No-24-25 Sector-31 A, Dakshin Marg Chandigarh 160030

Sub: Submission of Six Monthly Progress Report

Sir,

In response to the above mentioned subject, please find attached Six Monthly Progress Report for the period of October 2019 to March 2020. Infosys has not undertaken any construction work during this period, hence no workers were employed for the same.

Please find attached the latest reports for Ambient Air Quality, Noise levels and Stack Monitoring Report. Ground Water report is not applicable for us as we are not withdrawing any ground water. We get the monthly checking of the environmental parameters done and a calendar is maintained for the same.

Latest Information as per 13-point data sheet is attached along with.

This information is correct to the best of our knowledge.

Thanking You,

For Infosys Limited,

Shantanu Ghosh

Regional Manager - Facilities

www.infosys.com



MINISTRY OF ENVIRONMENT & FORESTS REGIONAL OFFICE: CHANDIGARH

DATA - SHEET

1	Project type: River- valley / Mining/ Industry/ Thermal/ Nuclear/ Other (Specify)	Software Development
2	Name of the Project	Infosys Limited
3	Clearance letters/OM .No. & Date	J-12011/23/2005-IA (CIE) dated 20 th September 2005
4	Location:	
a)	District (s)	Chandigarh
b)	State (s)	Chandigarh
c)	Latitudes/Longitudes	30°44′/76°51′
5	Address for Correspondence	Plot no 1, Rajiv Gandhi Technology Park,Kishangarh, Chandigarh-160101
6	Salient features	
a)	of the project	30 acres
b)	of the environmental management plans	Separate Environment Management plans for water, power and paper
7	Break up of the project area	Non-Forest
a)	Submergence area (forest & non forest)	
b)	Others	
8	Break up of the project affected population with enumeration of those losing houses/dwelling unit only, agriculture land only, both dwelling unit & agriculture land less labourers/artisans	This was Government owned land. It was barren at the time of possession. No dwellings were displaced.
a)	SC/ST/Addivasis	
b)	Others	
c)	Please indicate whether these figures are based on any scientific & systematic survey carried out only provisional figures. If a survey is carried out give details & year of survey.	
9 ,	Financial Details	
a)	Project cost as originally planned subsequent revised estimates & the years of price reference.	Rs. 440.43 Crores

b)	Allocation made for environmental management plane. With item wise & year wise break up.	
c)	Benefit cost ratio/internal rate of return and the year of assessment.	Turn over for the period of October'19 to March'20 was Rs. 1,191.56 Crores Benefit cost ratio/internal rate of return is not available.
d)	Whether © includes the cost of environmental management as shown in (b) above.	Not Applicable
e)	Actual expenditure incurred on the project so far.	Rs. 323.48 Crores(total Investment as on 31st March 2020)
f)	Actual expenditure incurred on the environmental management plane so far.	
10	Forest land requirement :	Not Applicable
a)	The status of approval for a diversion of forest land for forest use.	
b)	The status of compensatory about afforestation, If any	
c)	The status of clear felling.	
d)	Comment on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far.	
11	The status of clear felling in non forest area (such as submergence area of reservoir, approach roads), if any with quantitative information.	Not applicable
12	Status of construction	
a)	Date of commencement (actual and/ planned)	December 2004
b)	Date of completion (actual and/ planned)	May, 2008
13	Reason for the delay if the project is yet to start.	Not Applicable

Environmental Clearance Compliance

Infosys Limited, Plot No-1, RGCTP, Kishangarh, Chandigarh-160101

EC letter no-J-12011/23/2005-IA (CIE) dated 20.09.2005

	Specific Conditions				Status			
Con	struction phase							
1.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout construction phase		ied. All required ere provided for				es (toilets,	canteen
2.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site	1	il excavated during eas within the pro	_	uction act	ivities is us	ed for leve	elling
3.	Disposal of muck including excavated material during construction phase should not create any diverse effects on the neighboring communities and disposed of taking the necessary precautions for general safety and health aspects	Muck v dumpii	vas disposed safe ng area	ely in des	ignated ar	nd authoriz	ed malba	
4.	Use of diesel generators during construction phase should be enclosed type and should confirm to EPA rules prescribed for air and noise emission standards.	Low su	lphur diesel was	used in D	G during	the constru	uction pha	se
5.	Vehicles hired for bringing construction material at site should be in good condition and should confirm to applicable air and noise emission standards and should be operated only during non-peaking hours.	for the	icles were checke movement of co ned only during n	nstructio	n materia			
6.	Incremental pollution loads on the ambient air and noise	Statio	AAQM	Average	e Pollutar	it Concent	ration (µg	/m³)
	quality should be closely monitored during construction phase	n Code	Station	RSPM (24hr.)		SO ₂ (24hr.) (μg/m ³)	NOx (24hr) (μg/m³)	CO (8hi (mg/m³)
		ambier concer	limits for nt air ntrations in resi- , rural and other	100	200	80	80	2
		A 1	Mansa Devi Complex	33	117	<8	<10	BDL
		A 2	Manav Colony	30	117	<8	<10	BDL
		A 3	Kishangarh Govt School	29	115	<8	<10	BDL
		A 4	Infosys site	27	115	<8	<10	BDL
		A 5	Subhasnagar	28	117	<8	<10	BDL
7.	Construction spoils including bituminous material and other HAZARDOUS MATERIALS MUST NOT BE ALLOWED TO CONTAMINATE WATERCOURSES AND DUMP SITES FOR SUCH MATERIAL MUST be secured so that they should not leach into ground water.	authori Adequa the env	uction material w zed malba dump ate care was take vironment. Const No bituminous m	oing area on so as n ruction s	ot to caus poils are u	e any adve Ised in the	rse impact	
8.	Regular supervision of the above and other measures should be in place all through the construction phase as to avoid disturbance to the surroundings	Compli				1044 6011	J. G.	
Ope	ration phase							

2.	Installation of STP should be certified by an independent expert and should submit a report in this regard to the ministry before the project is commissioned for operation. Water harvesting system and energy conservation measures like installation of solar panels for lighting the areas outside the building should be an integral part of the project design and should be in place before project commissioning	STP of MBR technology of for the treatment of the s KLD and reusing the same Treated sewage water is t CPCC norms as below. Report is attached herewi Rain Water Harvesting system campus for harvest and it after filtration through filt No solar panels installed. We have utilized 1934.7 KWe have installed 15 num	ewerage produced. Pre in landscaping area an ested on a monthly bas th. Item of 500 KL has beer is re used in campus fo er material. L rain water into system	sently utilizing 250 d into flushing system. is and is meeting the n installed inside the r domestic purposes n in 2019-20 till date.
3.	Noise barriers will be provided at appropriate locations as to ensure that the noise levels do not exceed the prescribed standards	DG and Chillers is of enclo levels as per the prescribe Insertion loss is of 25.2 dB Inside 90.9 dB(A)	sed type which helps in d standards.	control of Noise
4.	Any hazardous waste including E waste should be disposed as per applicable rules and norms with necessary approvals of the CPCC, Chandigarh	E waste and other hazardor of HW management rules Yes, authorization is obtain waste and biomedical waste and biomedical waste and biomedical with place. Validity of Hazardor time Biomedical authorizations.	ous waste is being dispo and authorization. ned from CPCC for dispo ite and is handed over the Biomedical and E v us waste authorization	osal of hazardous to a CPCC authorized vaste vendors are in
5.	DG sets proposed as backup power should be of enclosed type and confirm to EPA rules as prescribed for air and noise standards as per CPCB guidelines. Exhaust will be taken 4 meters above the roof top.	DG sets is of enclosed type the roof top Insertion loss is of 25.2 dB Inside 90.9 dB(A)	e and the stack is provi	
6.	STP has been designed to treat the wastewater from IT Park. As proposed the wastewater will be treated to tertiary level and after treatment should be used for flushing of toilets and gardening. Discharge of treated	STP of SBR has been desig Treated water is being use under the norms and stan	ned for the treatment of the for gardening purposed for gardening for ga	of Waste water. se. Treated water is
1	sewage shall confirm to the norms and standards of the	Parameters		Permissible limits
	CPCC.	pH		5.5-9.0
		Suspended Solids		600 mg/l
		BOD		350 mg/l
		Oil and Grease		20 mg/l
L		Ammonical Nitrogen		50 mg/l
7.	The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open space inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.	Planted and in progress indigenous, threatened an Month	_	. , .
		Apr-19		206

	May-19	11
	Jun-19	11
	Jul-19	32
	Aug-19	27
	Sep-19	9
	Oct-19	6
	Nov-19	3
	Dec-19	0
	Jan-20	0
	Feb-20	0
	Mar-20	0
	Total	305
3. Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored	Environmental monitoring including noise	, air water quality is being
after commission of the project.	monitored periodically. Ambient noise levels are below 70 dB duri	ng night time and helow 75
arts. commission of the project.	dB during day time	יים ייים איני מווע טכוטש 73
Provision of rain water harvesting has been made in the	Rain Water Harvesting system of 500 KL ha	as been installed inside the
proposal. RWH system should be operational for	campus for harvest and it is re used in cam	
recharging of aquifers before project commissioning. The	after filtration through filter material.	
project should regularly monitor ground water levels and	We have utilized 1934.7 KL rain water into	
deterioration of ground water.	We have installed 15 numbers of injection	n well of 20 KL capacity each.
LO. Care shall be taken to ensure energy conservation during	Noted and complied	
the construction period as well as in the design and layout		
of the buildings apart from use of solar energy as indicated in the report.		
L1. In addition to the solar energy used for common lightings,	Solar power generation system of 200 KW	has been installed and
lighting for gardens and street lighting provision shall be	operational in our campus in the month of	
made for solar water heating.	Japanese-German collaboration, this state	of the art, automated and
	highly adaptive system, works on direct su	
	based technology which will help in general	ation of significant power
·	during the winter season also.	
	Plant Rating - 200 KW Salar Blant Tasky alama (UT / Har	material and the second second
	Solar Plant Technology – HIT (Here)	trojunction with intrinsic thin
	Layer)Solar Panel Capacity – 325 W Each	h
	Total Numbers of Solar Panels Ins	
	Average Power Generation Capacitation	
		, =====================================
	The power from same source is being utilize	zed in internal lighting in our
	buildings. This is a step towards usage of r	enewable resource, in turn
	leading to reduction on Grid power load.	
2 41	0.65	
- ,		old the traπic congestion. No
		v The huilding has been
 2. Adequate measures shall be taken to avoid any traffic congestion near the entry and exit points from the road adjoining the proposed project site. 3. The thermal efficiency of the buildings coming in the SEZ should be regulated to achieve desired R & U factors to make them energy efficient. A detailed report on measures 	buildings. This is a step towards usage of r	thin our premoid the traffic of the traffic of the traffic of the building ill minimize the give ample no

	constructions coming up within the SEZ complex should be prepared and submitted to the Ministry in 3 months.	blue tinted glass (reducing the requirement for bricks). The exterior finish of the service block will be hollow concrete blocks. Automatic water dispensing systems are being installed in the building. All water will be treated and used for irrigation as much as possible. Solar water heating systems will be installed for the Service block to save power. Energy efficient transformers and air conditioning systems are being installed. Energy efficient computer screens and paper saving printers (dual side printing) will be installed. R-value of wall is 1.8 m2K/W U-value of glass is 1.6 to 1.8 W/m2 K
1 1 1	A landscape plan for the entire project area should be prepared for the implementation. Development of shelter may be taken up in appropriate directions around the project area on the prevailing wind direction. Details of the proposed plan should be submitted to the ministry in 3 months.	Noted and complied
i	Environment management cell should be established to implement the environment management plan and carry out the environmental monitoring.	Noted and environmental monitoring is being done regularly.
	eral conditions	
1.	. The Environmental safeguards contained in the application should be implemented in letter and spirit.	Agreed and followed We are certified to ISO14001 and OHSAS18001 standards. Infosys is the first IT company in the world to publish its sustainability report based on the latest Global Reporting Initiative (GRI) G4 comprehensive framework. GRI is the most widely respected sustainability reporting framework, worldwide.
2	Provision should be made for the supply of kerosene or cooking gas/pressure cooker to the laborers during construction phase	Provided during the construction
3.	All the labors to be engaged for construction work should be screened for heat and adequately treated before the issue of work permits	Noted and complied
4.	 Financial provisions should be made by the project proponent in the total budget of the project for implementation of suggested safeguard measures. 	Complied
5	 Six monthly monitoring report should be submitted to the ministry and its regional office, Chandigarh. 	Being complied. Submitted regularly
6.	Officials from Regional Office of MoEF, Chandigarh who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the document submitted to should be forwarded to the CCF, Regional office of MoEF,	Agreed and is followed
	Chandigarh.	
7	 The responsibility of Implementation of environmental safeguards rests fully with the Director, Information technology, Chandigarh Administration, Chandigarh 	Noted

8.	In the case of any charge(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	No changes implemented so far. For any further changes, prior clearance will be obtained
9.	The ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provision of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
10.	All other statutory clearances such as the approval for storage of diesel from Chief Controller of Explosive, and other approvals shall be obtained by project proponents from the competent authorities.	HSD license from Chief Controller from explosives have been taken vide letter no-P/NC/CH/15/52(P144102) valid till 30.12.2027.
11.	A copy of the environmental clearance letter would be marked to the local NGO if any, from whom suggestion/representation were received at the time of public hearing	Noted
12.	A copy of the environmental clearance letter should be displayed at the Regional Office, Chandigarh and the office of the CPCC, Chandigarh	Noted
13.	The project proponent should advertise in at least two local Newspapers widely circulated in the region, One of which shall be in the vernacular language informing that the project as been accorded Environmental Clearance and copies of clearance letters are available with Chandigarh Pollution control committee, Chandigarh. The advertisement should be made within 7 days from the day of issue of the Regional Office of the MoEF at Chandigarh	Done during the initial stage
14.	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) act 1974, the air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Accepted. We are complying with all the rules and regulations laid against our project. We have obtained the following consent from the authorities - Water and air consent from CPCC-valid till 31.01.2027 - Hazardous waste consent from CPCC-valid till 31.01.2021 - Biomedical waste authorization from CPCC-one time authorization - HSD storage license from Chief controller of Explosives –valid till 31.12.2027
15.	The project proponent should acknowledge the receipt of the environmental clearance letter and convey their occurrence to the conditions stipulated above within 15 days from the date of issue of this letter. In case there is no response from the proponent, it would be deemed to have been agreed to.	Noted.







Test Report

Document OF: 2501

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Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2001220496

Sample Reg. Date: 22-01-2020

Report Date

:23-01-2020

Report No.

:ICE-2001230508

NABL ULR No. :TC592620000000544F

Customer Ref. No.:PO

Letter Dated

:11.03.19

Test Report as per IS

: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016

General Information

Date of Monitoring

Time of Monitoring

Nature of Industry

Purpose of Monitoring

Source of Noise Pollution Monitored

: DG Set-1 (2000 kVA), DG Set-2 (2000 kVA) & DG Set-3 (2000

kVA)

Engine No.

Make

: 33164718, 33163866, 25377801 : Cummins India Ltd.

Date of mfg of DG Set

Date of Installation Type approval No.

Pollution Control Device (if any)

Stack Height from Roof level,m

Stack Height from Ground level to Top,m

Location of noise Generating Source

: 21-01-2020 : 12:30 hrs

: IT Company

: To assess the noise level

: 30-06-2006, 12-04-2006, 06-2012

: Not provided by party

: Not provided by party

: Acoustic Room

:30

: Ground Floor

TEST RESULTS

Description

Description Noise DG Set Room Monitoring

S.No.	Test Parameter	Method	Requirement	Result
est De	tails :			
1.	General Parameters			,
a.	0.5 mtr away from Acoustic Enclosure dB(A)	CPCB Guidelines	Max. 75.0	65.7
b.	Insertion Loss	CPCB Guidelines	Min. 25.0	25.2

^{&#}x27;#' represents Customer Defined Fields

Saurabh Sharma 23-01-2020 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

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Test Report

Document QF: 2501

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Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2001220496

Sample Reg. Date :22-01-2020

Report Date

:23-01-2020

Report No.

:ICE-2001230508

NABL ULR No.

:TC592620000000544F

Customer Ref. No.:PO

Letter Dated

:11.03.19

NOTE: NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated-07.03.2016

REMARKS: N/A

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

Camebit -

Saurabh Sharma 23-01-2020 Reviewer 23-01-2020 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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Test Report

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Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280921

Sample Reg. Date :28-02-2020

Report Date

:09-03-2020 :ICE-2003090324

Report No.

NABL ULR No. :TC592620000002159F

Customer Ref. No.:PO

Letter Dated

:11.03.19

Test Report as per

: EPA Act 1986/PCLS/2010

General Information

Name of the emission source monitored

(a) Rated Capacity

(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)

(6) Sampling Duration(minutes)

Purpose of Monitoring

Diameter of the Stack(cm)

(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 Fire Engine

: 133 kVA

: 87%

: HSD & 20 ltr/hr

: As required

: Stack attached to Fire Engine WTP-1 (133 kVA)

: Metal

: 7 : 10.16

: To assess the pollution load

: Not applicable

: Nil

Volumetric Flow Rate(Nm³/hr.)

: 168

: 12.34

: 235.57

:20

S.No.	Test Parameter	Method	Requirement	Result
est De	tails :			
1.	General Parameters			
a.	Particulate Matter,mg/Nm3	IS:11255(P-1)	Max. 150	30
b.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)		15



Vikrant 09-03-2020 Reviewer

Same M

09-03-2020 Saurabh Sharma [Authorized Signatory]

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Test Report

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Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280921 Sample Reg. Date :28-02-2020

Report Date Report No.

:09-03-2020 :ICE-2003090324

NABL ULR No. :TC592620000002159F

Customer Ref. No.:PO

Letter Dated :11.03.19

c.	Oxides of Nitrogen(As NO2),mg/m3	IS:11255(P-7)	-	239	
d.	Carbon Monoxide(as CO)(mg/Nm3)	IS:13270	-	92	
e	Non Methane Hydrocarbon, mg/Nm ³	IS:13270	-	45	

^{&#}x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, Requirement as per EPA 1986/PCLS/2010, Dated 27-02-2020, Sample Collected by lab rep.

REMARKS: N/A

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

Vikrant 09-03-2020

Reviewer

Cometi

09-03-2020 Saurabh Sharma [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)

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Test Report

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Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280922

Sample Reg. Date :28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090325

NABL ULR No. :TC592620000002161F Customer Ref. No.:PO

Letter Dated :11.03.19

Test Report as per

: EPA Act 1986/PCLS/2010

General Information

Name of the emission source monitored

(a) Rated Capacity

(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.

Ambient Air Temperature, °C

: Stack Emission of Fire Engine

: 167 kVA

: 87%

: HSD & 20 ltr/hr

: As required

: Stack attached to Fire Engine WTP-2 (167 kVA)

: Metal

: 7

: 10.16

:66

: To assess the pollution load

: Not applicable

: Nil

Flue Gas Velocity(m/s), Avg. Volumetric Flow Rate(Nm³/hr.)

: 170

: 11.96

: 227.28

:20

TEST RESULTS

S.No.	Test Parameter	Method	Requirement	Result
Test De	tails :			
1.	General Parameters			
a.	Particulate Matter,mg/Nm3	IS:11255(P-1)	Max. 150	35
b.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	M	12



Vikrant 09-03-2020 Reviewer

Jamet 1

09-03-2020 Saurabh Sharma [Authorized Signatory]

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Test Report

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Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280922

Sample Reg. Date :28-02-2020

Report Date Report No.

:09-03-2020 :ICE-2003090325

NABL ULR No.

:TC592620000002161F

Customer Ref. No.: PO

Letter Dated

:11.03.19

c.	Oxides of Nitrogen(As NO2),mg/m3	IS:11255(P-7)	-	273
d.	Carbon Monoxide(as CO)(mg/Nm3)	IS:13270	-	104
e.	Non Methane Hydrocarbon, mg/Nm ³	IS:13270	-	56

^{&#}x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, Requirement as per EPA 1986/PCLS/2010, Dated 27-02-2020, Sample collected by lab rep

REMARKS: N/A

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

Vikrant 09-03-2020

Reviewer

Cometry

09-03-2020 Saurabh Sharma [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

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- 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 1 of 3

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2003030090 Sample Reg. Date :03-03-2020

Report Date

:11-03-2020

Report No.

:ICE-2003110398

NABL ULR No. :TC592620000002229P

Customer Ref. No.:PO

•11 03 19

With Amendment No.(s): IITTED STP Inlet Water NA NA NA NA NI NA NA NA NA NA
STP Inlet Water NA NA NA
NA NA NA
NA NA
NA
NA
NA
NA
2 Ltr 100ml
NA
Packed in can & in plastic container
03-03-2020
03-03-2020
11-03-2020
NA
Unsigned
Sample collected by lab rep. on dated 03.03.2020
Infosys Limited-Chandigarh (Chandigarh)
NA
NA

Reference to sampling procedure, whenever applicable

: N/A

Rashmi Sharma [Authorized Signatory]

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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Test Report

Document QF: 2501

Page 2 of 3

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2003030090 Sample Reg. Date :03-03-2020 Report Date :11-03-2020

Report No.

:ICE-2003110398

NABL ULR No. :TC592620000002229P

Customer Ref. No.:PO

Letter Dated

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

PART C: TEST RESULTS

Description

STP Inlet Water Description

S.No.	Test Parameter	Method	Requirement	Result
Test Det	ails :			
1.	General Parameters			
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1		Light Brown
b.	Turbidity(NTU)	IS 3025 (Part 10)	Not Specified	262
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.00
d.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)		212
e.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA.2006)		1428
f.	Chemical Oxygen Demand(mg/L)	APHA-23rd Edition		652
g.	Bio-chemical Oxygen Demand, mg/L (5 days at 20°C)	IS:3025(P-44)		230
h.	Oil & Grease(mg/L)	IS:3025(P-39)		18.6
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		91
k.	Total Kjeldahi Nitrogen (as N)	APHA-23rd Edition Guidelines		106
1.	Iron(as Fe)(mg/L)	IS:3025(P-66)		0.11
m.	Total Alkalinity (as HCO3)(mg/L)	IS:3025(Part 23)		422
n.	Silica as SiO2(mg/l)	APHA-23rd Edition		6.20

Rashmi Sharma [Authorized Signatory]

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 Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

 Sample Reg. No.
 :E01-2003030090

 Sample Reg. Date
 :03-03-2020

 Report Date
 :11-03-2020

 Report No.
 :ICE-2003110398

NABL ULR No. :TC592620000002229P

Customer Ref. No.:PO

Letter Dated :11.03.19

2.	Microbiological Tests		
a.	E.Coli/100 ml *	APHA-23 rd Edn 17- 9221 F	21

^{**} represents categories/test parameters not covered under NABL | *** represents outsource sample | '#' represents Customer Defined Fields

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

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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Test Report

Document QF: 2501

Page 1 of 3

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2003030091 Sample Reg. Date :03-03-2020 Report Date :12-03-2020

Report No.

:ICE-2003120422 NABL ULR No. :TC592620000002274P

Customer Ref. No.:PO

Letter Dated :11.03.19

		Letter Dated :11.03.19
Test Rep	ort as per IS:EPA Act 1986/PCLS/2010	With Amendment No.(s):
PART A	: PARTICULARS OF SAMPLE SUBMITTED	
a) Na	ature of Sample#	STP Outlet Water
b) Gr	rade / Variety / Type / Class / Size etc.	NA
c) Bra	and Name	NA
d) De	eclared Values,if any	NA
e) Co	de No.	
f) Ba	tch Number#	NA
g) D.0	O.M#	NA
h) Da	tte of Expiry #	NA
i) Saı	mple Quantity#	2 Ltr 100ml
j) Ba	tch Size/Location#	NA
k) Mo	ode of Packing	Packed in can & in plastic container
l) Da	te of Receipt	03-03-2020
m) Da	te of Start	03-03-2020
n) Da	te of Completion	12-03-2020
o) Sea	al (Intact/Not Intact/Unsealed)	NA
p) IO'	'S Signature (Signed/Unsigned)	Unsigned
q) An	y Other Information	Sample collected by lab rep. on dated 03.03.2020
r) Tes	st Request Submitted By	Infosys Limited-Chandigarh (Chandigarh)
s) Ma	anufactured By #	NA
t) Sup	pplied By#	NA
ART B	: SUPPLIMENTARY INFORMATIONS	
a. Rei	ference to sampling procedure, whenever applicable	: N/A

Rashmi Sharma [Authorized Signatory]

Vikrant 12-03-2020

Reviewer

12-03-2020 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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Test Report

Document QF: 2501

Page 2 of 3

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2003030091 Sample Reg. Date :03-03-2020 Report Date :12-03-2020

Report No.

:ICE-2003120422

NABL ULR No. :TC592620000002274P

Customer Ref. No.:PO

Letter Dated

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

STP Outlet Water Description

S.No.	Test Parameter	Method	Requirement	Result
Test Det	ails:			
1.	General Parameters			
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourles
b.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	5.5-9	7.80
c.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)	Max. 100	<1.0
d.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA.2006)	Max. 2100	1407
e.	Chemical Oxygen Demand(mg/L)	APHA-23rd Edition	Max. 250	32
f.	Bio-chemical Oxygen Demand, mg/L (5 days at 20°C)	IS:3025(P-44)	Max. 30	10
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	0.6
j.	Total Kjeldahi Nitrogen (as N)	APHA-23rd Edition Guidelines	Max. 100	1.2
k.	Iron(as Fe)(mg/L)	IS:3025(P-66)	Max. 3.0	BLQ(LOQ: 0.05)
1.	Silica as SiO2(mg/l)	APHA-23rd Edition	Not Specified	3.2
m.	Turbidity(NTU)	IS 3025 (Part 10)	Not Specified	< 0.5
n.	Total Alkalinity (as HCO ₃)(mg/L) *	IS: 3025 (P-23)	Not Specified	205

Rashmi Sharma [Authorized Signatory]

Vikrant 12-03-2020 Reviewer

PremKumar [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Phone: (O) 0172-2561543, 2565825

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Test Report

Document QF: 2501

Page 3 of 3

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2003030091 Sample Reg. Date :03-03-2020

Report Date

:12-03-2020

Report No.

:ICE-2003120422

NABL ULR No. :TC592620000002274P

Customer Ref. No.:PO

Letter Dated

:11.03.19

2.	Microbiological Tests			
a.	Faecal Coliform/100ml *	APHA-23 rd Edn 17- 9221 F	Not Specified	11
b.	E.Coli/100 ml*	APHA-23 rd Edn 17- 9221 F	Absent	<1.8

^{**} represents categories/test parameters not covered under NABL | *** represents outsource sample | '#' represents Customer Defined Fields

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****

Rashmi Sharma [Authorized Signatory] 12-03-2020 Reviewer

PremKumar [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Test Report

Document QF: 2501

Page 1 of 2

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280929

Sample Reg. Date :28-02-2020 Report Date

:09-03-2020

Report No.

:ICE-2003090331

NABL ULR No.

:TC592620000002170F

Customer Ref. No.:PO

Letter Dated

:11.03.19

Test Report as per

: NAAQS 2009

General Information

Location of Sampling Point

Date of Monitoring

Purpose of Monitoring

Duration of Monitoring, minutes

Avg. Flow Rate of Sampling,m3/min

Volume of air sampled,m3

Avg. Ambient Temperature,°C

: Near Sobha Store

: 26-02-2020

: For Self Monitoring

: 1440

: 0.038

: 54.19

:20

TEST RESULTS

Description

Description Ambient Air Quality Monitoring

S.No.	Test Parameter	Method	Requirement	Result	
Cest Details:					
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO2),µg/m3	IS:5182(P-2)	80 Max	13	
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	18	
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	90	
ď.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	38	
ė.	Ozone(O ₃),µg/m3	IS:5182(P-9)	180 Max	BLQ (LOQ:14)	
f.	Lead(As Pb),µg/m3	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)	
g.	Carbon Monoxide(CO),mg/m3	IS:5182(P-10)	4 Max	1.3	
h.	Ammonia(NH3),µg/m3	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)	
i.	Benzene (C ₆ H ₆),µg/m3	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)	

Vikrant 09-03-2020 Reviewer

Jamet 1

09-03-2020 Saurabh Sharma [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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

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Test Report

Document QF: 2501

Page 2 of 2

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280929 Sample Reg. Date :28-02-2020

Report Date :09-03-2020

Report No. :ICE-2003090331

NABL ULR No. :TC592620000002170F

Customer Ref. No.:PO

Letter Dated :11.03.19

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
1.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

^{&#}x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification, Requirement as per NAAQS 2009,

REMARKS: N/A

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

Vikrant 09-03-2020 Reviewer 09-03-2020

09-03-2020 Saurabh Sharma [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Test Report

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Page 1 of 2

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280928

Sample Reg. Date :28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090330

NABL ULR No.

:TC592620000002168F

Customer Ref. No.:PO

Letter Dated :11.03.19

Test Report as per

: NAAQS 2009

General Information

Location of Sampling Point

Date of Monitoring

Purpose of Monitoring

Duration of Monitoring, minutes

Avg. Flow Rate of Sampling,m3/min

Volume of air sampled,m3 Avg. Ambient Temperature, °C

: Near Diesel Yard

: 26-02-2020

: To assess the pollution level

: 1440

: 0.038

: 54.19

: 20

TEST RESULTS

Description

Description Ambient Air Quality Monitoring

S.No.	Test Parameter	Method	Requirement	Result		
Test Details:						
1.	Ambient Air Quality Parameters					
a.	Sulphur Dioxide(SO2),µg/m3	IS:5182(P-2)	80 Max	8		
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	13		
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	87		
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	40		
e.	Ozone(O ₃),µg/m3	IS:5182(P-9)	180 Max	BLQ (LOQ:14)		
f.	Lead(As Pb),µg/m3	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)		
g.	Carbon Monoxide(CO),mg/m3	IS:5182(P-10)	4 Max	1.7		
h.	Ammonia(NH3),μg/m3	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)		
i.	Benzene (C ₆ H ₆),μg/m3	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)		

V Saini Vikrant

09-03-2020 Reviewer Samet

09-03-2020 Saurabh Sharma [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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

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Test Report

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Page 2 of 2

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Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280928

Sample Reg. Date :28-02-2020

Report Date Report No. :09-03-2020 :ICE-2003090330

NABL ULR No.

:TC592620000002168F

Customer Ref. No.:PO

Letter Dated :11.03.19

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
1.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

^{&#}x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification, Requirement as per NAAQS 2009,

REMARKS: N/A

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

Vikrant 09-03-2020 Reviewer

Counsell

09-03-2020 Saurabh Sharma [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)

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Test Report

Document QF: 2501

Page 1 of 2

Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280927

Sample Reg. Date :28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090329

NABL ULR No.

:TC592620000002166F

Customer Ref. No.:PO

Letter Dated :11.03.19

Test Report as per

: NAAQS 2009

General Information

Location of Sampling Point

Date of Monitoring

Purpose of Monitoring

Duration of Monitoring, minutes

Avg. Flow Rate of Sampling,m3/min

Volume of air sampled,m3

Avg. Ambient Temperature,°C

: Near Post-I

: 26-02-2020

: To assess the pollution level

: 1440

.

: 0.038

: 54.19

:20

TEST RESULTS

Description

Description Ambient Air Quality Monitoring

S.No.	Test Parameter	Method	Requirement	Result
est De	tails :			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO2),µg/m3	IS:5182(P-2)	80 Max	9
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	14
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	84
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	42
e.	Ozone(O ₃),µg/m3	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m3	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH3),μg/m3	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m3	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

V Saini

Vikrant 09-03-2020 Reviewer Cameby ...

09-03-2020 Saurabh Sharma [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.
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Test Report

Document QF: 2501

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Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280927

Sample Reg. Date: 28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090329

NABL ULR No. :TC592620000002166F

Customer Ref. No.:PO

Letter Dated

:11.03.19

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
1.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

^{&#}x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, BLQ: - Below Limit of Quantification, LOQ: - Limit of Quantification, Requirement as per NAAQS 2009,

REMARKS: N/A

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

Vikrant 09-03-2020 Reviewer

09-03-2020 Saurabh Sharma [Authorized Signatory]

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IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280925

Sample Reg. Date :28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090328

NABL ULR No. :TC592620000002169F

Customer Ref. No.:PO

Letter Dated

:11.03.19

Test Report as per

: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016

General Information

Name of the emission source monitored

(a) Rated Capacity

(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)

Purpose of Monitoring

(8) Air Pollution control measure

(6) Sampling Duration(minutes)

(a) Status

(b) Recovery of Material

(9) Fugitive Emission, if any

Observations

Flue Gas Temperature, °C,Avg.

Flue Gas Velocity(m/s), Avg.

Volumetric Flow Rate(Nm³/hr.)

Ambient Air Temperature, °C

: Stack Emission of DG Set

: 2000 kVA

: *47.5%

: HSD & 165 kVA

: As required

: Stack attached to DG Set-III (2000 kVA)

: Metal

:30

: 45.72

: 62

: To assess the pollution load

: Not applicable

: Nil

:319

: 16.67

: 4787.37

TEST RESULTS						
S.No.	Test Parameter	Method	Requirement	Result		
Test Det	ails:					
1.	General Parameters					
a.	Particulate Matter,mg/Nm3(Corrected at 15 % O2)	IS:11255(P-1)	Max. 75	52		
b.	Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 150	98		

Vikrant 09-03-2020 Reviewer

Came My

09-03-2020 Saurabh Sharma [Authorized Signatory]

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Test Report

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Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

:E01-2002280925 Sample Reg. No.

Sample Reg. Date :28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090328

NABL ULR No.

:TC592620000002169F

Customer Ref. No.:PO

Letter Dated :11.03.19

c.	Oxides of Nitrogen(NO2),ppmv(Corrected at 15 % O ₂), dry basis	IS:11255(P-7)	Max. 710	372
d.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	47
e.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	Not Specified	18

^{&#}x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, Requirements as per EPA 1986/PCLS/2010 (General Emission Standard), Sample collected by lab rep. on dated 27.02.2020, *Sampling performed below the desired rated capacity of DG Set as per the instruction given by client on dated: 13-12-2019

REMARKS: N/A

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

Vikrant 09-03-2020 Reviewer

09-03-2020 Saurabh Sharma [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)

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Test Report

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Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1 , Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280924 **Sample Reg. Date** :28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090327

NABL ULR No.

:TC592620000002164F

Customer Ref. No.:PO

: Stack Emission of DG Set

: To assess the pollution load

: Stack attached to DG Set-II (2000 kVA)

Letter Dated

: 2000 kVA

: As required

: Metal

: 30 : 45.72

: 62

: HSD & 165 ltr/hr

: *47.5 %

:11.03.19

Test Report as per

: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated-07.03.2016

General Information

Name of the emission source monitored

(a) Rated Capacity

(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

: -

: Not applicable

:-

: Nil

Observations

Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg.

Volumetric Flow Rate(Nm³/hr.)

Ambient Air Temperature, °C

:320

: 16.25

: 4658.88

:20

TEST	RESU	LTS

S.No.	Test Parameter	Method	Requirement	Result
Test Det	tails:			
1.	General Parameters			
a.	Particulate Matter,mg/Nm3(Corrected at 15 % O2)	IS:11255(P-1)	Max. 75	54
b.	Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 150	86



09-03-2020 Reviewer Samety

09-03-2020 Saurabh Sharma [Authorized Signatory]

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

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Test Report

Document QF: 2501

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Issued To

Infosys Limited

IL Chandigarh SEZ Unit-1, Plot No.-1 , Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280924

Sample Reg. Date :28-02-2020

Report Date

:09-03-2020

Report No.
NABL ULR No.

:ICE-2003090327 :TC592620000002164F

Customer Ref. No.:PO

Letter Dated

:11.03.19

c.	Oxides of Nitrogen(NO2),ppmv(Corrected at 15 % O ₂), dry basis	IS:11255(P-7)	Max. 710	362
d.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	36
е.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	Not Specified	12

^{&#}x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, Requirements as per EPA 1986/PCLS/2010 (General Emission Standard), Sample collected by lab rep. on dated 27.02.2020, *Sampling performed below the desired rated capacity of DG Set as per the instruction given by client on dated: 13-12-2019

REMARKS: N/A

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

V Saimi Vikrant

Vikrant 09-03-2020 Reviewer 09-03-2020 Saurabh Sharma [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

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IL Chandigarh SEZ Unit-1, Plot No.-1, Rajiv Gandhi Technology

Park Kishangarh Chandigarh-160101

Chandigarh

Sample Reg. No. :E01-2002280923

Sample Reg. Date :28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090326

NABL ULR No. :TC592620000002167F

Customer Ref. No.:-

Letter Dated

Test Report as per

: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016

General Information

Name of the emission source monitored

(a) Rated Capacity

(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.

Ambient Air Temperature, °C

: Stack Emission of DG Set

: 2000 kVA

: *47.5 %

: HSD & 165 ltr/hr

: As required

: Stack attached to DG Set-1 (2000 kVA)

: Metal

:30

: 45.72

: 62

: To assess the pollution load

: Not applicable

: Nil

Flue Gas Velocity(m/s), Avg.

Volumetric Flow Rate(Nm³/hr.)

: 325

: 16.49

: 4688.16

:20

TEST RESULTS

S.No.	Test Parameter	Method	Requirement	Result	
Гest De	tails :				
1.	General Parameters				
a.	Particulate Matter,mg/Nm3(Corrected at 15 % O2)	IS:11255(P-1)	Max. 75	47	
b.	Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 150	92	



Vikrant 09-03-2020 Reviewer

Sametry

09-03-2020 Saurabh Sharma [Authorized Signatory]

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Sample Reg. Date :28-02-2020

Report Date

:09-03-2020

Report No.

:ICE-2003090326

NABL ULR No. :TC592620000002167F

Customer Ref. No.:-

Letter Dated

c.	Oxides of Nitrogen(NO2),ppmv(Corrected at 15 % O ₂), dry basis	IS:11255(P-7)	Max. 710	358
d.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	40
e.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	Not Specified	17

^{&#}x27;#' represents Customer Defined Fields

NOTE: NA- Not Applicable, Requirements as per EPA 1986/PCLS/2010 (General Emission Standard), Sample collected by lab rep. on dated 27.02.2020, *Sampling performed below the desired rated capacity of DG Set as per the instruction given by client on dated: 13-12-2019

REMARKS: N/A

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

Vikrant 09-03-2020

Reviewer

Cameby-

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