

To,
The Regional Officer
RSPCB, Jaipur.

Date: 28th Sep 2021

**Sub: Submission of form 5 (Environmental Statement) for our office Infosys BPM Limited,
Mahindra World City, Tehsil: Sanganer, Jaipur**


Dear Sir/Madam,

We are hereby submitting the form V for the FY 2020-2021. This is also being substantiated by the documents as closed for the reference.

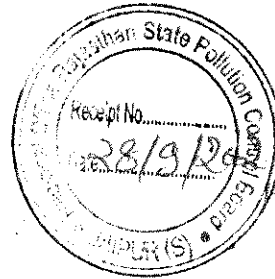
Request you to acknowledge the same.

Thanking you

INFOSYS BPM LTD.


AUTHORISED SIGNATORY

Hemant Pratap Singh Rajpoot
Regional Manager, Facilities and Administration,
for Infosys BPM Limited



Enclosed:

1. Ambient air quality report
2. DG stack emission report
3. STP outlet sample analysis report

INFOSYS BPM LIMITED
(Formerly Known as Infosys BPO Limited)
SEZ, Unit, IT-A-001 Mahindra World City
Special Economic Zone, Village Kalwara
Tehsil Sanganer, Jaipur - 302 037, India
T 91 141 395 6000
F 91 141 395 6100

Corporate Office:
CIN: U72200KA2002PLC030310
Plot Nos. 26/3, 26/4 and 26/6
Hosur Road, Electronics City
Bengaluru - 560 100, India
T 91 80 2852 2405
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www.infosysbpm.com

[FORM – V]

(See rule 14)

Environmental Statement for the financial year ending the 31st March 2021

PART – A

- (i) **Name and address of the owner/
Occupier of the industry** : Hemant P. S. Rajpoot, Regional Manager
Infosys BPM Ltd., IT-A-001-A1
Mahindra World City (SEZ), Jaipur-302037
- Operation or process** : IT/ITES
- (ii) **Industry category** : Orange
Primary (STC code) : NA
Secondary. (SIC Code) : NA
- (iii) **Production Category Units** : Software Development
- (iv) **Year of establishment** : 2008
- (v) **Date of the last environmental
Statement submitted** : 14-Sep-2020

PART – B

Water and Raw Material Consumption

(1) **Water consumption m3/d:**

- Process** : NA
- Cooling** : 17 M3/d (for use at cooling tower makeup)
- Domestic** : 21 M3 /d (for use at Office buildings, drinking water etc.)
- Food Courts** : 08 M3 /d (for use at food courts, kitchens etc.)
- Gardening** : 61 M3/d (recycled & fresh water)
- Others** : 02 M3 /d (for use at nursery plants, etc.)

ii) Raw Material Consumption: Not Applicable

Name of Products	Process water consumption per unit of product	
	During the previous financial Year	During the Current financial Year
NA	NA	NA

iii) Raw Material Consumption: Not Applicable

Name of raw materials*	Name of products	Consumption of raw material per Unit of output	
		During the previous financial Year	During the Current financial Year
NA	NA	NA	NA

PART - C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

a) Water Pollution Load:

Pollutants	Quantity of pollutants discharged (Kg/day)	Concentrations of pollutants in discharges (mg/l)	Percentage of variation from prescribed standards with reasons
Suspended solids	0.292	15.18	No variation from prescribed standards
pH value	-	7.38	
Oil & grease	0.063	3.27	
Total residual chlorine	0.002	0.10	
Ammonical Nitrogen	0.093	4.83	
Bio Chemical oxygen demand (3 days at 27 deg)	0.209	10.87	
Chemical oxygen demand	1.178	61.28	
Chlorides (as Cl)	2.425	126.19	
Sulphates (as SO ₄)	1.208	62.84	

b) Air Pollution Load:

Pollutants	Quantity of pollutants discharged (Kg/day)	Concentrations of pollutants in discharges (mg/Nm ³)	Percentage of variation from prescribed standards with reasons
NO _x :	1.33	281(ppmv)	No variation from prescribed standards
PM:	0.16	32.94	
SO _x :	0	0	

PART – D Hazardous Wastes

(as specified under Hazardous Waste Management and Handling Rules, 1989)

Hazardous Waste	Total Quantity (Kg.)	
	During the previous financial Year	During the Current financial Year
1. From Process	<ul style="list-style-type: none"> • Used oil: 0.95 KL • Oil soaked cotton: 4.5kg • DG filters: 76 kg • UPS batteries: 2658 kg • CFL/light bulbs: 7930kg 	<ul style="list-style-type: none"> • UPS batteries: 12355.5kg • Used Oil: 0.35 KL • Oil soaked cotton: 01kg • DG filters: 5.8kg • Cartridges: 600kg • Cables: 3170kg • CFL/light bulbs: 700kg
2. From pollution control facilities	NA	NA

**PART – E
Solid Wastes**

Solid Waste	Total Quantity (Kg.)	
	During the previous financial Year	During the Current financial Year
1. From Process	<ul style="list-style-type: none"> • Paper waste: 9788Kg • Food Waste: 17952Kg • Mixed garbage: 22474Kg 	<ul style="list-style-type: none"> • E-waste: 8140kg • Metal waste: 27670 kg • Plastic waste: 3000 kg

	<ul style="list-style-type: none"> • Metal: 1916Kg • Garden Waste: 6173Kg • Bio medical waste: 127.41 kg 	<ul style="list-style-type: none"> • Cartoon waste: 1920 Kg • Food waste: 3755 kg • Garden waste: 1218 kg • Mixed garbage: 9821 kg • Paper waste: 6088 kg • Bio medical & sanitary waste: 1080kg
2. From pollution control facilities	STP Sludge: 74687 kg (Used as manure for landscape)	STP Sludge: 11833 kg (Used as manure for landscape)
3. Quantity recycled or re-utilised within the unit	<ul style="list-style-type: none"> • Food & garden waste is treated in house through composter/vermi composter and used as manure • All other solid wastes are disposed to the registered recyclers 	<ul style="list-style-type: none"> • Food & garden waste is treated in house through composter/vermi composter and used as manure • All other solid wastes are disposed to the registered recyclers

PART – F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Hazardous Waste

Hazardous Wastes	Disposal
Used oil	Disposed to RSPCB registered vendor New Lubri Sales India Pvt. Ltd., Rajasthan
Oil filters & Oil-soaked cotton	Disposed to RSPCB registered vendor New Lubri Sales India Pvt. Ltd., Rajasthan
Cartridges, cables, CFL/Light fixtures	Disposed to RSPCB registered vendor Greenscape Eco Management Pvt. Ltd, Rajasthan
UPS batteries	Disposed to RSPCB registered vendor Exclusive Lead Alloys Pvt. Ltd, Rajasthan

Non - Hazardous Wastes	Disposal
Paper, Plastic, Wood	Disposed to registered recyclers / re processors.
Mixed waste	Mixed waste generated from food court is sent to municipal corporation.
STP sludge	Used as manure for landscape
Garden waste	In house treatment through vermi composter and used as manure
Food waste	In house treatment through composter and used as manure

Other Wastes	Disposal
E waste:	Disposed to RSPCB registered vendor Greenscape Eco Management Pvt. Ltd, Rajasthan
Bio medical waste	Disposed to RSPCB approved vendor Instromedix Eco Management, Rajasthan

PART – G

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

- Campus is having 250 KLD Sewage Treatment Plant with Activated Sludge Process Technology. STP out let samples are tested periodically and reported to RSPCB.
- Three DG sets having capacity of 2000 KVA is operational, stack emission and noise levels are tested and reported to RSPCB.
- Installed Solar Panels having capacity of 1000 kw in our campus. 43% of power used in our campus is from renewable sources in FY2020-21.
- Take various measures to ensure optimum use of power and water in the campus.
- Identified single use plastics are banned in the campus like plastic carry bags, straws, stirrers, plastic cutleries, carbonated bottled beverages etc. use of bottled mineral water restricted in the campus instead we are providing purified water in glass bottles. We are also working with various food court vendors to reduce plastic packing materials of groceries.
- To create environment related awareness among employee, various awareness mailers sent.
- We are having 52 rain water harvesting wells in the campus.
- Campus declared as non-smoking zone.

PART – H

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

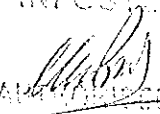
- 20% reduction in annual power consumption based on FY2020-21
- 03% reduction in freshwater consumption based on FY2020-21

PART – I

Any other particulars for improving the quality of the environment.

Water used in kitchens, toilets and the domestic sewage generated is recycled through Sewage Treatment Plant and used for landscaping in campus.

Jaipur
28-Sep-2021

INPCB (E) PAT LIT.

AUTHORISED SIGNATORY
Authorised Signatory
Regional Manager – Facilities



TEAM TEST HOUSE
(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

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C-Scheme, Jaipur - 302001, Rajasthan
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Sitapura, Jaipur - 302022, Rajasthan
Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

Type of Sample	Ambient Air Quality	Date of Report	31.03.2021		
Date of Sample	16.03.2021	PO Number	5000048443 / 08.01.2021		
Time of Sample	09.40 am	Instrument used for Sampling	Respirable Dust Sampler – (854-DTF-2007) Fine Particulate Sampler – (241-DTF-2010)		
Location	Near Parking Area /D.G.Area	Calibration Done on	RDS - 02.11.2020 and FPS -04.11.2020		
Sample ID	TC502521400000919	Calibration Due on	RDS - 02.11.2021 and FPS -04.11.2021		
Customer details	M/s Infosys BPM Ltd. IT-A-001, Mahendra World City (Jaipur) Ltd. Kalwara, Sanganer, Jaipur (Raj.)				
Parameters	Unit of Measurement	Results	Limits	Reference	Protocol / Test Method
Sulphur Dioxide (SO ₂) - 24 hours	µg/m ³	4.63	80	NAAQS-2009	IS:5182 (Part-2):2001 RA:2017
Oxides of Nitrogen as NO ₂ - 24 hours	µg/m ³	9.94	80	NAAQS-2009	IS:5182 (Part-6): 2006 Reaffirmed (RA:2017)
Particulate Matter (Size < 10µm or PM 10 µg/m ³) - 24 hours	µg/m ³	80.56	100	NAAQS-2009	IS:5182 (Part-23): 2006 (RA:2017)
Particulate Matter (Size < 2.5µm or PM 2.5 µg/m ³) - 24 hours	µg/m ³	37.04	60	NAAQS-2009	CPCB Guidelines
Carbon Monoxide (CO) - 8 hours	mg/m ³	0.280	2	NAAQS-2009	IS:5182 (Part-10): 1999 (RA:2019)
Lead - 24 hours	µg/m ³	0.11	1	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)
Ozone (O ₃) - 8 hours	µg/m ³	BDL(<20.0)	100	NAAQS-2009	APHA 1977, Part 819
Ammonia (NH ₃)-24 hours	µg/m ³	BDL(<10.0)	400	NAAQS-2009	CPCB Guidelines
Benzene -Annual	µg/m ³	BDL(<1.0)	5	NAAQS-2009	IS:5182 (Part-11): 2012 (RA:2017)
Benzo (a) Pyrene (BaP) - particulate phase only -Annual	ng/m ³	BDL(<0.5)	1	NAAQS-2009	CPCB Guidelines
Arsenic -Annual	ng/m ³	BDL(<2.0)	6	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)
Nickel (Ni)- Annual	ng/m ³	8.0	20	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)

NOTE: The results are within the limits prescribed by NAAQS-2009 Standards

Report Reviewed By
Puran Mal Yogi

Rajesh
Rajesh
For TEAM TEST HOUSE



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(Unit of Team Institute of Science & Technology Pvt. Ltd.)

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Email : marketinglab@teamtesthouse.com

Type of Sample	Ambient Air Quality	Date of Report	31.03.2021
Date of Sample	16.03.2021	PO Number	5000048443 / 08.01.2021
Time of Sample	10.05 am	Instrument used for Sampling	Respirable Dust Sampler – (1505-DTF-2009) Fine Particulate Sampler – (319-DTF-2010)
Location	Near Security Gate	Calibration Done on	RDS - 02.11.2020 and FPS -03.11.2020
Sample ID	TC5025214000000918	Calibration Due on	RDS - 02.11.2021 and FPS -03.11.2021

Customer details	M/s Infosys BPM Ltd. IT-A-001, Mahendra World City (Jaipur) Ltd. Kalwara, Sanganer, Jaipur (Raj.)
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Parameters	Unit of Measurement	Results	Limits	Reference	Protocol / Test Method
Sulphur Dioxide (SO ₂) - 24 hours	µg/m ³	5.60	80	NAAQS-2009	IS:5182 (Part-2):2001 RA:2017
Oxides of Nitrogen as NO ₂ - 24 hours	µg/m ³	11.16	80	NAAQS-2009	IS:5182 (Part-6): 2006 Reaffirmed (RA:2017)
Particulate Matter (Size < 10µm or PM 10 µg/m ³) - 24 hours	µg/m ³	73.61	100	NAAQS-2009	IS:5182 (Part-23): 2006 (RA:2017)
Particulate Matter (Size < 2.5µm or PM 2.5 µg/m ³) - 24 hours	µg/m ³	30.88	60	NAAQS-2009	CPCB Guidelines
Carbon Monoxide (CO) - 8 hours	mg/m ³	0.280	2	NAAQS-2009	IS:5182 (Part-10): 1999 (RA:2019)
Lead - 24 hours	µg/m ³	0.07	1	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)
Ozone (O ₃) - 8 hours	µg/m ³	BDL(<20.0)	100	NAAQS-2009	APHA 1977, Part 819
Ammonia (NH ₃)-24 hours	µg/m ³	BDL(<10.0)	400	NAAQS-2009	CPCB Guidelines
Benzene -Annual	µg/m ³	BDL(<1.0)	5	NAAQS-2009	IS:5182 (Part-11): 2012 (RA:2017)
Benzo (o) Pyrene (BaP) - particulate phase only -Annual	ng/m ³	BDL(<0.5)	1	NAAQS-2009	CPCB Guidelines
Arsenic -Annual	ng/m ³	BDL(<2.0)	6	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)
Nickel (Ni)- Annual	ng/m ³	3.4	20	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)

NOTE: The results are within the limits prescribed by NAAQS-2009 Standards

Report Reviewed By

For TEAM TEST HOUSE



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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

Type of Sample	Ambient Air Quality	Date of Report	31.03.2021
Date of Sample	16.03.2021	PO Number	5000048443 / 08.01.2021
Time of Sample	09.50 am	Instrument used for Sampling	Respirable Dust Sampler - (2357-DTF-2009) Fine Particulate Sampler - (645-DTF-2011)
Location	Near New Building	Calibration Done on	RDS - 02.11.2020 and FPS -03.11.2020
Sample ID	TC502521400000920	Calibration Due on	RDS - 02.11.2021 and FPS -03.11.2021

Customer details
M/s Infosys BPM Ltd.
IT-A-001, Mahendra World City (Jaipur) Ltd.
Kalwara, Sanganer, Jaipur (Raj.)

Parameters	Unit of Measurement	Results	Limits	Reference	Protocol / Test Method
Sulphur Dioxide (SO ₂) - 24 hours	µg/m ³	5.12	80	NAAQS-2009	IS:5182 (Part-2):2001 RA:2017
Oxides of Nitrogen as NO ₂ - 24 hours	µg/m ³	11.59	80	NAAQS-2009	IS:5182 (Part-6): 2006 Reaffirmed (RA:2017)
Particulate Matter (Size < 10µm or PM 10 µg/m ³) - 24 hours	µg/m ³	65.8	100	NAAQS-2009	IS:5182 (Part-23): 2006 (RA:2017)
Particulate Matter (Size < 2.5µm or PM 2.5 µg/m ³) - 24 hours	µg/m ³	25.97	60	NAAQS-2009	CPCB Guidelines
Carbon Monoxide (CO) - 8 hours	mg/m ³	0.290	2	NAAQS-2009	IS:5182 (Part-10): 1999 (RA:2019)
Lead - 24 hours	µg/m ³	0.06	1	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)
Ozone (O ₃) - 8 hours	µg/m ³	BDL(<20.0)	100	NAAQS-2009	APHA 1977, Part 819
Ammonia (NH ₃)-24 hours	µg/m ³	BDL(<10.0)	400	NAAQS-2009	CPCB Guidelines
Benzene - Annual	µg/m ³	BDL(<1.0)	5	NAAQS-2009	IS:5182 (Part-11): 2012 (RA:2017)
Benzo (o) Pyrene (BaP) - particulate phase only - Annual	ng/m ³	BDL(<0.5)	1	NAAQS-2009	CPCB Guidelines
Arsenic - Annual	ng/m ³	BDL(<2.0)	6	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)
Nickel (Ni)- Annual	ng/m ³	1.3	20	NAAQS-2009	IS:5182 (Part-22): 2004 Reaffirmed (RA:2019)

NOTE: The results are within the limits prescribed by NAAQS-2009 Standards

Report Reviewed By

For TEAM TEST HOUSE



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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

Type of Sample	Wastewater Sample	Date of Report	13.03..2021		
Date of Sample	03.03.2021	PO Number	5000048443 / 08.01.2021		
Time of Sample	10.50 am	Instrument used for Sampling	-		
Location	STP (Outlet)-Treated	Calibration Done on	-		
Sample ID	TC502521200000408	Calibration Due on	-		
Customer details	M/s Infosys BPM Ltd. IT-A-001, Mahendra World City (Jaipur) Ltd. Kalwara, Sanganer, Jaipur (Raj.)				
Parameters	Unit of Measurement	Results	Limits	Reference	Protocol / Test Method
Total Suspended Solids	mg/l	14	-	Environment Protection Rules, 1986	APHA.2017:2540-D
Ammonical Nitrogen as N	mg/l	3.46	-	Environment Protection Rules, 1986	APHA 2017 : 4500-NH3 C
Biochemical Oxygen Demand (BOD)	mg/l	7.5	-	Environment Protection Rules, 1986	APHA 2017:5210-B
Chloride as Cl	mg/l	135.99	-	Environment Protection Rules, 1986	APHA 2017 : 4500- Cl- B
Chemical Oxygen Demand (COD)	mg/l	43	-	Environment Protection Rules, 1986	APHA:2017 : 5220-C
pH	-	7.33	-	Environment Protection Rules, 1986	APHA:2017 : 4500 H+B
Phosphate (total) as P	mg/l	0.57	-	Environment Protection Rules, 1986	APHA 2017 : 4500-P C
Sulphate	mg/l	35.25	-	Environment Protection Rules, 1986	APHA:2017 : 4500-SO4-E
Oil & Grease	mg/l	4	-	Environment Protection Rules, 1986	APHA 2017 : 5520 B
Total Residual Chlorine	mg/l	BDL(<0.1)	-	Environment Protection Rules, 1986	APHA:2017 : 4500-Cl B
Odour	-	Agreeable	-	Environment Protection Rules, 1986	APHA : 2017, 2150 B

By



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Temperature	[°C]	27	-	Environment Protection Rules, 1986	APHA 2017 :2550A
Percent Sodium	%	42	-	Environment Protection Rules, 1986	APHA:2017 : 3500-Na B
color	Hazen	30	-	Environment Protection Rules, 1986	APHA 2017 2120 B
Particle size of suspended solids	mg/l	Particle pass through 850 micron sieve	-	Environment Protection Rules, 1986	TTH/PS/01
Dissolved Solids (Inorganic)	mg/l	369	-	Environment Protection Rules, 1986	APHA:2017 : 2540-E

NOTE: The results are within the limits prescribed by Indian Standards

[Signature]
Report Reviewed By

[Signature]
For TEAM TEST HOUSE



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Type of Sample	DG Stack	Date of Report	15.03.2021
Date of Sample	03.03.2021	PO Number	5000048443 / 08.01.2021
Time of Sample	11.30 AM	Instrument used for Sampling	Stack Sampler VSS-1 (265 DTB 2020)
Location	DG Stack-1(2000KVA)	Calibration Done on	03.07.2020
Sample ID	TC50252150000312	Calibration Due on	03.07.2021

Customer details	M/s Infosys BPM Ltd. IT-A-001, Mahendra World City (Jaipur) Ltd. Kalwara, Sanganer, Jaipur (Raj.)
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Parameters	Unit of Measurement	Results	Limits	Reference	Protocol / Test Method
Stack Gas Emission (Particulate Matter)	mg/Nm3	25.44	75	Environment Protection Rules,1986	IS:11255 (Part-1):1985 (RA:2014)
Oxides of Nitrogen	mg/m3	352	710 ppmv	Environment Protection Rules,1986	IS:11255 (Part-7):1985 (RA:2012)
Sulphur Dioxide (SO ₂)	mg/m3	BDL(<2.0)	-	Environment Protection Rules,1986	IS:11255 (Part-2):1985 (RA:201)
Carbon Monoxide (CO)	mg/m3	91	150	Environment Protection Rules,1986	IS 5182 (Part10):1999 RA 2019
Nonmethane Hydrocarbon	mg/m3	26	100	Environment Protection Rules,1986	IS 5182 (Part 21):2001 RA 2019
Flue Gas Temperature	°K	411	-	-	IS:11255 (Part-3):1985
Stack Gas Velocity	m/Sec	9.56	-	-	IS:11255 (Part-3):1985
Flow Rate	Nm3/Hour	11252.15	-	-	IS:11255 (Part-3):1985

NOTE: The results are within the limits prescribed by Indian Standards

[Signature]
Report Reviewed By

[Signature]
For team Test House



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Type of Sample	DG Stack	Date of Report	15.03.2021		
Date of Sample	03.03.2021	PO Number	5000048443 / 08.01.2021		
Time of Sample	12:10 PM	Instrument used for Sampling	Stack Sampler VSS-1(265 DTB 2020)		
Location	DG Stack-2(2000KVA)	Calibration Done on	03.07.2020		
Sample ID	TC50252150000313	Calibration Due on	03.07.2021		
Customer details	M/s Infosys BPM Ltd. IT-A-001, Mahendra World City (Jaipur) Ltd. Kalwara, Sanganer, Jaipur (Raj.)				
Parameters	Unit of Measurement	Results	Limits	Reference	Protocol / Test Method
Stack Gas Emission (Particulate Matter)	mg/Nm ³	22.87	75	Environment Protection Rules,1986	IS:11255 (Part-1):1985 (RA:2014)
Oxides of Nitrogen	mg/m ³	385	710 ppmv	Environment Protection Rules,1986	IS:11255 (Part-7):1985 (RA:2012)
Sulphur Dioxide (SO ₂)	mg/m ³	BDL(<2.0)	-	Environment Protection Rules,1986	IS:11255 (Part-2):1985 (RA:201)
Carbon Monoxide (CO)	mg/m ³	111	150	Environment Protection Rules,1986	IS 5182 (Part10):1999 RA 2019
Nonmethane Hydrocarbon	mg/m ³	27	100	Environment Protection Rules,1986	IS 5182 (Part 21):2001 RA 2019
Flue Gas Temperature	°K	404	-	-	IS:11255 (Part-3):1985
Stack Gas Velocity	m/Sec	8.71	-	-	IS:11255 (Part-3):1985
Flow Rate	Nm ³ /Hour	10261.69	-	-	IS:11255 (Part-3):1985
NOTE: The results are within the limits prescribed by Indian Standards					
Report Reviewed By <i>Purushottam Yogi</i>			Reported By <i>Raresh Maheshwari</i> For team Test House		



TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

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TEST REPORT

Type of Sample	DG Stack	Date of Report	15.03.2021		
Date of Sample	03.03.2021	PO Number	5000048443 / 08.01.2021		
Time of Sample	10:40 AM	Instrument used for Sampling	Stack Sampler VSS-1 (265 DTB 2020)		
Location	DG Stack-3(2000KVA)	Calibration Done on	03.07.2020		
Sample ID	TC50252150000314	Calibration Due on	03.07.2021		
Customer details	M/s Infosys BPM Ltd. IT-A-001, Mahendra World City (Jaipur) Ltd. Kalwara, Sanganer, Jalpur (Raj.)				
Parameters	Unit of Measurement	Results	Limits	Reference	Protocol / Test Method
Stack Gas Emission (Particulate Matter)	mg/Nm ³	13.28	75	Environment Protection Rules,1986	IS:11255 (Part-1):1985 (RA:2014)
Oxides of Nitrogen	mg/m ³	265	710 ppmv	Environment Protection Rules,1986	IS:11255 (Part-7):1985 (RA:2012)
Sulphur Dioxide (SO ₂)	mg/m ³	BDL(<2.0)	-	Environment Protection Rules,1986	IS:11255 (Part-2):1985 (RA:201)
Carbon Monoxide (CO)	mg/m ³	79	150	Environment Protection Rules,1986	IS 5182 (Part10):1999 RA 2019
Nonmethane Hydrocarbon	mg/m ³	27	100	Environment Protection Rules,1986	IS 5182 (Part 21):2001 RA 2019
Flue Gas Temperature	°K	100	-	-	IS:11255 (Part-3):1985
Stack Gas Velocity	m/Sec	9.27	-	-	IS:11255 (Part-3):1985
Flow Rate	Nm ³ /Hour	11210.86	-	-	IS:11255 (Part-3):1985
NOTE: The results are within the limits prescribed by Indian Standards					
Report Reviewed By <i>P. V. Singh</i>			For team Test House		



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TEST REPORT

Type of Sample	DG Stack	Date of Report	15.03.2021		
Date of Sample	03.03.2021	PO Number	5000048443 / 08.01.2021		
Time of Sample	11:15 AM	Instrument used for Sampling	Stack Sampler VSS-1(265 DTB 2020)		
Location	Fire Engine Stack-133 HP	Calibration Done on	03.07.2020		
Sample ID	TC50252150000315	Calibration Due on	03.07.2021		
Customer details	M/s Infosys BPM Ltd. IT-A-001, Mahendra World City (Jaipur) Ltd. Kalwara, Sanganer, Jaipur (Raj.)				
Parameters	Unit of Measurement	Results	Limits	Reference	Protocol / Test Method
Stack Gas Emission (Particulate Matter)	mg/Nm ³	36.47	-	Environment Protection Rules,1986	IS:11255 (Part-1):1985 (RA:2014)
Oxides of Nitrogen	mg/m ³	233	-	Environment Protection Rules,1986	IS:11255 (Part-7):1985 (RA:2012)
Sulphur Dioxide (SO ₂)	mg/m ³	BDL(<2.0)	-	Environment Protection Rules,1986	IS:11255 (Part-2):1985 (RA:201)
Carbon Monoxide (CO)	mg/m ³	84	-	Environment Protection Rules,1986	IS 5182 (Part10):1999 RA 2019
Nonmethane Hydrocarbon	mg/m ³	28	-	Environment Protection Rules,1986	IS 5182 (Part 21):2001 RA 2019
Flue Gas Temperature	°K	434	-	-	IS:11255 (Part-3):1985
Stack Gas Velocity	m/Sec	10.95	-	-	IS:11255 (Part-3):1985
Flow Rate	Nm ³ /Hour	265.33	-	-	IS:11255 (Part-3):1985
NOTE: No limits prescribed in Indian Standards for Fire Engine.					
Puran Mas Yogi Report Reviewed By			 For team Test House		