

IL/HJW/FAC/GA/06-20/65

1st June 2020

To, The Deputy Director General of Forests (Central), West Central Zone, Regional Office, New Secretariat Building, Opp. VCA Ground, Civil lane, Nagpur-440001

Dear Sir,

SUBJECT: SUBMISSION OF COMPLIANCE REPORT FOR THE PERIOD OF DECEMBER 2019 TO MAY, 2020 OF RAJIV GANDHI INFOTECH PARK, PHASE II AT HINJAWADI, PUNE.

Please refer to the Environmental Clearance Letter No. SEAC-III-2015/CR 92/TC-3 dated 28th January 2016 (copy attached).

We are forwarding herewith soft copy of compliance report.

Kindly acknowledge receipt

Thanking you,

Yours faithfully,

For Infosys Limited,

Vijaya Lakshmi Mani

AVP-Regional Head - Facilities

Enclosure: As above

Cc:

1. Regional officer, Regional office-II, Maharashtra Pollution Control Board, Nagpur.

www.infosys.com

EC COMPLIANCE REPORT &

ENVIRONMENTAL STATUS REPORT (December 2019 – May 2020)

Of

Infosys IT/ITES Project

(EC Letter No. SEAC No. SEAC-III-2015/CR 92/TC-3 dtd. 28th January 2016)

Located At

Survey No.55, 56, 57, 58, 59, 60, 62(p), 63, 64 (p), 65(p), 74 (p), 84(p), 85, 86, 87(p), 88, 89, 90, 91 (p), 92 (p), 93(p), 94(p), 95(p), 103(p), At Village-Dahegaon, Tehsil & District - Nagpur

Project Proponent



M/S. INFOSYS LIMITED

Environmental Consultant



QCI-NABET Accredited EIA Consultant
MoEF&CC (GOI) Recognized and NABL Approved Laboratory
ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007

60, Bajiprabhu Nagar, Nagpur - 440 033, MS

Lab. & Consultancy: FP-34, 35, Food Park, MIDC, Butibori, Nagpur – 441122 Ph.: (0712) 2242077, 9373287475

Email: ngp@anacon.in

Website: www.anaconlaboratories.com

1st June 2020



Compliance Period: December 2019 - May 2020

INTRODUCTION

Infosys Limited (formerly Infosys Technologies Limited) is an Indian multinational corporation that provides business consulting, information technology and outsourcing services. It has its headquarters in Bengaluru, Karnataka, India.

It provides software development, maintenance and independent validation services to companies in finance, insurance, manufacturing and other domains

Infosys Limited has proposed their software development project in Nagpur, Maharashtra. This project has obtained environmental clearance from SEIAA, Maharashtra vide EC Letter No. SEAC-III-2015/CR 92/TC-3 dtd. 28th January 2016.

EC Conditions compliance status and Environmental monitoring reports for the period of **Dec 2019-May 2020** is given below.

Please Note: Environmental monitoring was not done from March -May 2020 due to Covid-19 lockdown and hence reports are not attached herewith.

COMPLIANCE STATUS

Sr. No.	EC Conditions	Action Taken	
General	Conditions for Pre-Construction Phase		
I.	This environmental clearance is issued subject to land use verification. Local authority/planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolution, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.	Noted and Complied.	
II.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2011.	E-waste will be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2011.	
III.	Occupation certificate shall be issued to the project by Local Planning Authority only after ensuring availability of drinking water and connectivity of the sewer line to the project site.	PP complied with the same.	



Sr. No.	EC Conditions	Action Taken	
IV.	This environmental clearance is issued subject to obtaining NOC form Forestry and Wild life angle including clearance from the standing committee of the National Board for Wildlife as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Not Applicable as the land is not under forest department land and has been given by MADC post all clearances.	
V.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Noted & Agreed.	
VI.	The height, construction build up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body and it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	n R it h It Noted & Complied.	
VII.	"Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	"Consent for Establishment" is obtained from Maharashtra Pollution Control Board vide Consent Order No. Format 1.0/BO/CAC-Cell/NG-16706-15/CE/CAC-7893 dated 16/06/2016. Copy Attached in <i>Annexure – I</i>	
VIII.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.		
Genera	Conditions for Construction Phase-		
I.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.	There is no construction activity happening at site. We will ensure compliance to the same after start of the activity.	
II.	Adequate drinking water and sanitary facilities should be provided for	We will ensure the same.	



Sr. No.	EC Conditions	Action Taken	
	construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.		
III.	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Dry waste is currently being disposed-off to MADCL.	
IV.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	PP is compliant to the same	
V.	Arrangement shall be made that waste water and storm water do not mixed.	Separate drain facility will be provided for waste water and storm water as a part of construction.	
VI.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	(Landscaping) within our campus	
VII.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	The topsoil has been stored & reused for the development of the green belt (Landscaping) within our campus. Cutting & filling of earth at site has been optimized.	
VIII.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	Total of 62,680 m ² area is provided for the development of Green belt in the premises. We have planted 182 Nos. of trees in the campus around the developed area as a green belt. We are in process of more tree plantation. Photos attached as <i>Annexure – IV</i> .	
IX.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals of other toxic contaminants.	Zero effluent discharge system is maintained at site. There is no underground leaching of wastewater. Monitoring report ground water quality is given below in status report as <i>Annexure – VI</i> .	
X.	Construction spoils, including bituminous material and other hazardous materials		



Sr. No.	EC Conditions	Action Taken	
	must not be allowed to contaminate water courses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Noted and complied	
XI.	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	The Project being an IT park in nature is generating an insignificant quantity of hazardous waste. This will be disposed of as per applicable rules. Waste generated from the project site will be collected by Authorized vendor.	
XII.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Diesel power generating sets proposed as source of backup power are of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of DG set stack is as per norms. We shall use low Sulphur diesel.	
XIII.	The diesels required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Noted and Complied.	
XIV.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Noted and Complied.	
XV.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	Noted and Complied. Noise level monitoring is also carried out. (Please refer Environmental Parameters analysis report is enclosed in status report section) Noise Monitoring is attached in Annexure – VI	
XVI.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August 2003. (The above condition is applicable only if the project site is	the existing buildings as per requirement. Currently there is no construction activity happening at the project site.	



Sr. No.	EC Conditions	Action Taken	
	located within the 100km of Thermal Power Stations).	applicable.	
XVII.	Ready mixed concrete must be used in building construction.	We have used ready mix concrete during construction phase of existing structures. Currently there is no construction activity happening at the project site. We will ensure the compliance as applicable.	
XVIII.	The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipment's etc. as per National Building Code including measures from lighting.	Noted & complied. Structural Safety Certificate obtained	
XIX.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Storm water drainage system is designed as per CGWB and BIS Standards.	
XX.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Currently there is no construction	
XXI.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Complied. Monitoring Report is attached in	
XXII.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized	Sewage treatment plant (STP) (capacity 7 KLD) with SBR technology is in operation. All treated water is used for irrigation purpose. We are ensuring no odour from the STP. Installation of STP is certified by an independent expert and report is available with project proponent. STP Commissioning Report is attached in <i>Annexure-V</i>	



Sr. No.	EC Conditions	Action Taken	
	measures should be made to mitigate the odour problem from STP.		
XXIII.	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction / operation of the project.	We do not draw Ground water. All water demand is met through MIHAN water supply & Tankers	
XXIV.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water. Noted and complied by installing plumbing system.		
XXV.	Fixtures for showers, toilet flushing and drinking should be low flow either by use of aerators or pressure reducing devices or sensor based control. Noted & Complied. National Building Code me implemented.		
XXVI.	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows. Noted & Complied. National Building Code implemented.		
XXVII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Noted & Complied. National Building Code measures implemented.	
XXVIII.	Energy conservation measures like installation of CFLs / TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid nonconventional energy source as source of energy.	Noted & Complied. National Building Code measures implemented.	



Sr. No.	EC Conditions	Action Taken		
XXIX.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Diesel power generating sets proposed as source of backup power are of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of DG set stack is as per norms. We are using low Sulphur diesel.		
XXX.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noted & Complied. Noise monitoring reports area Attached in <i>Annexure- VI</i> .		
XXXI.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Noted & will ensure compliance.		
XXXII.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Noted & Complied. National Building Code measures implemented.		
XXXIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Noted & Complied. National Building Code measures implemented.		
XXXIV.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Noted & Complied.		
XXXV.	Under the provision of Environment (Protection) Act, 1986, legal action shall	Noted.		



Sr. No.	EC Conditions	Action Taken	
	be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.		
XXXVI.	Six monthly monitoring reports should be submitted to the Regional office, MoEF, Bhopal with copy to this department and MPCB.	Noted.	
Genera	Conditions for post-construction/operation	on phase-	
	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore	We have already installed STP of capacity 7 KLD. No treated water is discharged outside the campus and the same is used for landscaping activity. Dry waste is currently disposed-off to	
1.	possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said	MADCL. Wet waste is composted within campus scientifically.	
	environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	We have planted 182 Nos. of trees in the campus around the developed area as a green belt. We are in process of more tree plantation.	
II.	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	Wet garbage is segregated at the site and composted within campus scientifically	
III.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	or to Noted & complied	
IV.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB. Noted & complied during half compliance report submission.		
V.	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.		



Sr. No.	EC Conditions	Action Taken		
VI.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environmental Management Cell has been established.		
VII.	Separate funds shall be allocated for implementation of environmental protection measure/EMP along with itemwise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.			
VIII.	The project management shall advertise at least in two local newspaper widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in .			
IX.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	Noted & being complied.		
X.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestion / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	The clearance letter is put on the Company website. https://author1.infosys.com/sustainability/ap provals/Documents/environmental- clearance-nagpur.pdf		
XI.	The proponent shall upload the status of compliance of the stipulated EC	The Half yearly compliance report along with monitoring reports of criteria		



Sr. No.	EC Conditions	Action Taken	
	conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	pollutant levels are periodically uploaded on the company website. The same is also sent to Regional office of MoEFCC, respective zonal office of CPCB and the SPCB.	
XII.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Noted and being complied every six months.	
XIII.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	We have received the Consent to Operate (part-1) vide letter No. Format1.0/CAC-CELL/UAN No.0000075881/CR- 2002001058 on 25 th February 2020. Attached as <i>Annexure – II</i> . We will be submitting the environmental statement for FY ending 31 st March 2019 in Form V by 31 st September 2019 as per requirement.	

Compliance Period: December 2019 - May 2020

ENVIRONMENTAL STATUS REPORT

Air Quality Monitoring

Regular monitoring of environmental parameters is of immense importance to assess the status of environment. With the knowledge of baseline conditions, the monitoring program will serve as an indicator for any deterioration in environmental conditions due to construction projects. Suitable mitigation steps will be taken in time to safeguard the environment, based on monitoring reports. Monitoring is important in the control of pollution since the efficiency of control measures can only be determined by monitoring.

In order to find out the impact of various activities on sensitive receptors, it is necessary to monitor Environmental Quality to know the level of concentrations of pollutants within and around the Building premises.

Ambient Air Quality Monitoring

Ambient Air Quality was monitored at 3 locations within building premises. The sampling stations are selected at the above mentioned locations, in downwind and upwind directions of the Industry. ALPL is carrying out regular monitoring for, SPM, RPM, SO₂, NOx and heavy metals at above Ambient Air Quality Monitoring (AAQM) locations.

Frequency of Sampling

Ambient air quality monitoring was carried out on 24 hourly on quarterly basis (once in a quarter) for the monitoring period.

Duration of Sampling

The duration of sampling for PM_{10} , $PM_{2.5}$, SO_2 , NO_x and heavy metals is twenty-four hourly. Data is compared with the standards mentioned in the Gazette Notification of the Central Pollution Control Board (CPCB) Notification 16th Nov. 2009.

Methods and Instruments used for Sampling

The air samples were analyzed as per methods specified by Central Pollution Control Board (CPCB).

The levels of Suspended Particulate Matter, Respirable Particulate Matter, Sulphur Dioxide (SO_2) , Oxides of Nitrogen (NO_X) & heavy metals were monitored for identifying the impact on surrounding area. PM_{10} and $PM_{2.5}$ were collected with the help of Respirable particulate sampler and Fine particulate sampler operating 24 hours and is computed by gravimetric method. Due to the high flow rate of air, the vacuum is formed into the hopper region of sampler which is tapped by providing a nozzle in the hopper which sucks the ambient air for sampling SO_2 and NO_X . The gases were measured by wet chemical method and were analyzed by colorimetrical. The measurement techniques used for various pollutants and other details are given in below Table.



Compliance Period: December 2019 – May 2020

Measurement Techniques for Various Pollutants

Sr. No.	Parameter	Method	Technical Protocol	Minimum Detection limit (µg/m³)
1.	Suspended Particulate Matter, SPM	Respirable Dust Sampler (Gravimetric Method)	IS-5182 (Part – IV)	5
2.	Respirable Particulate Matter, PM ₁₀	Respirable Dust Sampler (Gravimetric Method)	IS-5182 (Part – IV)	5
3.	Fine Particulate Matter, PM _{2.5}	Fine Particulate Sampler (Gravimetric Method)	IS-5182 (Part-IV)	-
4.	Sulphur Dioxide	Improved West and Geake Method	IS-5182 (Part – II)	4
5.	Oxide of Nitrogen	Jacob & Hochheiser Modified Method	IS-5182 (Part – VI)	4
6.	Heavy Metals	Acid digestion	CPCB Guideline (Vol. 1)	0.0001



Compliance Period: December 2019 - May 2020

Annexure - I: Consent to Establish

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437 Fax: 24023516

Website: http://mpcb.gov.in E-mail: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd - 4th Floor Opp. Cine Planet Cinema, Near Sion Circle, Sion (E) Mumbai-400 022.

Consent order No: - Format1.0/BO/CAC-cell/NG-16706-15/CE/CAC- 7893 Date-16/06/2016

To.

M/s. Infosys Ltd. at S.No. 55 to 60, 62 (p), 63, 64(p), 65(p), 74(p), 75(p), 84(p), 85, 86, 87(p), 88 to 90, 91(p), 92(p), 93(p), 94(p), 95(p), 103(p), at village Dahegaon, Tehsil & Dist. Nagpur

Subject: Consent to Establish for construction of proposed IT/ITES project under RED category.

Ref :

1. Your Application approved in 13th CAC meeting of 2015-2016 held on 25.01.2016

Your application CE1511000060

Dated: 29.10.2015

For: Consent to Establish for construction of proposed IT/ITES project under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The Consent to Establish (For Phase-I) is granted for a period up to: commissioning of the project or upto 5 years whichever is earlier.
- 2. The proposed capital investment of the project is Rs. 400.3 crs (As per documents submitted by project proponent).
- 3. The Consent to Establish is valid for construction of proposed IT/ITES project of M/s. Infosys Ltd. at S.No. 55 to 60, 62 (p), 63, 64(p), 65(p), 74(p), 75(p), 84(p), 85, 86, 87(p), 88 to 90, 91(p), 92(p), 94(p), 95(p), 103(p), at village Dahegaon, Tehsil & Dist. Nagpur on Plot area of 5,75,364 sq.m. and total Construction BUA of 72,871 sq.m., including utilities and services as per construction commencement certificate issued by local body.

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent

Sr.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	N.A.
2.	Domestic effluent	278	As per Schedule –I	The treated effluent shall be 100% recycled/ utilized for secondary purposes such as toilet flushing, air conditioning, firefighting and gardening etc.

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. No.	Description of stack/ source	Number Of Stack	Standards to be achieved
1	DG set (1x 1500 KVA)	1 1	As Per Schedule -II
2	DG set (1x 2000 KVA)	1 220	As Per Schedule -II



Compliance Period: December 2019 - May 2020

6. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000:

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	Wet Garbage	1260 kg/day	Organic Waste Convertor (OWC)	use as manure
2	Dry Garbage	693 kg/day		Hand over to local body or sale for recycle
3	STP sludge	139 kg/day		use as manure

7. Conditions under E-Waste (Management and Handling) Rule, 2011:

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	E-waste	1 T/Month	Nil	Through authorized recyclers

 Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1					-

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall submit the affidavit within 15 days in the prescribed format regarding the compliance of conditions of EIA Notification 2006/EC and Consent to Establish.
- 12. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.

For and on behalf of the Maharashtra Rollution Control Board

(Dr. P. Anbalagan, IAS) Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No	Date	Drawn On	100
1	8,00,700/-	633780	29.09.2015	ICICI Bank	

Copy to:

- 1. Regional Officer, Nagpur and Sub-Regional Officer MPCB, Nagpur-II
 - -- They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Mumbai.
- 3. CC/CAC desk- for record & website updation purposes.



Compliance Period: December 2019 - May 2020

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to install Sewage Treatment Plants (STPs) with the design capacity of 280 CMD based on MBR Technology.
 - B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	BOD (3 days 27oC)	10
02	Suspended Solids	10 10
03	COD	50
04	Residual Chlorine	1ppm

- C) The treated effluent shall be 100% utilized/ recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting and gardening etc.. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure recycling of treated sewage and shall maintain the record with data logging system. Project Proponent shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit and shall install online monitoring system
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	Nil
2.	Domestic purpose	Fresh water: 207
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil



Compliance Period: December 2019 - May 2020

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

 As per your application, you have proposed to install the Air pollution control (APC)system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity and UOM	S%
1	DG set (1x 1500 KVA)	Acoustic enclosure	7.7*	HSD	@ 0.21 liters/hr/KVA at	1
2	DG set (1x 2000 KVA)	Acoustic enclosure	8.9*		full load.	

^{*} Above roof of the building in which it is installed.

The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Particulate	Not to exceed	150 mg/Nm ³ .
matter		130 mg/tim.

- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5. Conditions for utilities like Kitchen, Fating Places:-
 - The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - b) The toilet shall be provided with exhaust system connected to chimney through ducting.
 - c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - d) The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

Trans



Compliance Period: December 2019 – May 2020

Schedule-III Details of Bank Guarantees

Proposed BG:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity++
1	Consent to Establish	Rs. 10 lakh	15 days from date of issue of consent	Towards compliance of Environmental Clearance Consent to Establish condition.	Validity of this consent	Validity of this consent + 4 months

- ** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
- ++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months

Maharashtra Polliti



Compliance Period: December 2019 - May 2020

Schedule-IV

Conditions during construction phase:

- During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
- b During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
- Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

General Conditions:

- The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
 - Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper sitting and control measures.
 - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- Solid Waste The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.



Compliance Period: December 2019 - May 2020

Annexure - II: Consent to Operate

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437 Fax: 24023516 Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

No:- Format1.0/CAC-CELL/UAN No.0000075881/CR - 200 200 1058

Date: 25 02 2020

To,
M/s. Infosys Limited,
Sr. No. 55 to 60, 62 (pt), 63, 64 (pt), 65 (pt), 74(pt), 75(pt), 84(pt), 85, 86, 87(pt),
88 to 90, 91(pt), 93(pt), 94(pt), 95(pt),
103(pt), Vill. Dahegaon, Tal. & Dist.
Nagpur.

Sub: Renewal of consent (Part-I) for IT park under L.S.I Red Category

- Ref: 1. Environment Clearance accorded by Env. Dept GoM vide dtd 28.01.2016.
 - Consent to Establish accorded by Board vide dtd. 16.06.2016.
 - 3. Previous 1st Operate (Part-I) accorded by Board vide dated 02.11.2018.
 - 4. Minutes of CAC meeting held on 14.01.2020.

Your application NO. MPCB-CONSENT-0000075881

For: grant of Renewal of consent (Part-I) under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal ofAuthorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

- The Consent to Renewal is granted for a period up to 31.08.2023
- The capital investment of the project is Rs.32.4 Crs. (As per C.A Certificate submitted by industry).
- 3. The Renewal of consent (Part-I) is valid for IT park named as M/s. Infosys Limited, Sr. No. 55 to 60, 62 (pt), 63, 64 (pt), 65 (pt), 74(pt), 75(pt), 84(pt), 85, 86, 87(pt), 88 to 90, 91(pt), 93(pt), 94(pt), 95(pt), 103(pt) on Total Plot Area of 5,75,364 Sq.Mtrs for construction BUA of 2449 Sq.Mtrs out of Total Construction BUA of 72,871 Sq.Mtrs as per EC granted dated 28.01.2016 including utilities and services

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance dated 28.01.2016	575364.00	72871.00
2	Consent to establish vide dated 16.06.2016	575364.00	72871.00

Conditions under Water (P&CP), 1974 Act for discharge of effluent:

the same of the sa	rmitted (in CMD)	Standards to	Disposa
uent	Nil	NA	NA
	The second secon		Look Nill



Compliance Period: December 2019 - May 2020

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	6	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Stack No	Description of stack /	Number of	Standards to be
	source	Stack	achieved
S-1	DG set (160 KVA)	1	As per Schedule -II

6. Conditions under Solid Waste Rules, 2016:

Sr No		Quantity & UoM	Treatment	Disposal
1	Wet Garbage	75 Kg/Day	OWC followed by composting	Used as manure for gardening within own premises.
2	Dry garbage	50 Kg/Day	Segregation	Hand over to Authorized vendor for recycling
3	STP Sludge	10 Kg/Day	II DI VIII (I	Used as manure within own premises for gardening/plantaion

 Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	1.0	KL/A	Reprocessing	Sale to authorized recycler

- 8 The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Forfeiting BG of Rs. 5.0 Lakh & top up with double amount towards provision of Composting facility for the treatment of Biodegradable waste within 3 months period.
- 11 PP shall operate STP so as to achieve the treated domestic effluent standard for the parameter BOD- 10 mg/l.
- 12 The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, fire-fighting etc., and remaining shall be utilized on land for gardening.
- 13 PP shall comply with the conditions stipulated in Environment Clearance, Consent to establish & Consent to Operate (Part-I).

For and on behalf of the Maharashtra Pollution Control Board.

(E. Raverdiran IAS), Member Secretary



Compliance Period: December 2019 - May 2020

Received Consent fee of -

		Transaction/DR.No.	Date		Transaction Type
1	425000.00	5452703	11/09/2019	NEFT	Contract of the Contract of th

Balance fees of Rs. 75000/- will be considered at the time of next renewal of consent.

Copy to:

- 1. Regional Officer, MPCB, Nagpur and Sub-Regional Officer, MPCB, Nagpur II
- They are directed to ensure the compliance of the consent conditions.
- They are directed to forfeit the bank guarantee of Rs. 5.0 Lakh & obtain the double amount to form the sum of BG of Rs. 30.0 Lakh from the industry.
- 2. Chief Accounts Officer, MPCB, Sion, Mumbai
- 3. CAC Desk for record & website updating purposes.





Compliance Period: December 2019 - May 2020

SCHEDULE-I Terms & conditions for compliance of Water Pollution Control:

- A] As per your application, you have provided MBBR Technology based Sewage Treatment Plants (STPs) of combined capacity 7 CMD for treatment of domestic effluent of 6 CMD.
 - B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board			
15		Limiting Concentration in mg/l, except for pH			
1.	BOD (3 days 27o C)	10			
2.	Suspended Solids	20			
3.	COD	50			
4.	Residual Chlorine	1ppm			

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	7.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



Compliance Period: December 2019 - May 2020

SCHEDULE-II Terms & conditions for compliance of Air Pollution Control:

 As per your application, you have provided the Air pollution control (APC)system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Stack	Stack Attached	APC	Height in	Type of	Quantity &
No.	To	System	Mtrs.	Fuel	UoM
S-1	DG set (160 KVA)	NA	16.5	HSD	8.64 Kg/Hr

 The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Total Particular matter	Not to exceed	150 mg/Nm3
-------------------------	---------------	------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Compliance Period: December 2019 - May 2020

SCHEDULE-III Details of Bank Guarantees:

Sr. No.	Consent(C2E/C 20/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of consent (Part-I)	30.0	15 days	Towards O & M of pollution control system and compliance of consent conditions	31.08.2023	31.12.2023

^{**} The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent. # Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission	OF DC	Amount of BG Forfeiture	BG
1	Nil	NA	NA	NA	,NA /	NA



Compliance Period: December 2019 - May 2020

SCHEDULE-IV

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- Solid Waste The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site
- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

Compliance Period: December 2019 - May 2020

Annexure - III: Paper Advertisement





Compliance Period: December 2019 – May 2020

Annexure – IV: Site Photographs









Annexure – V: STP Commissioning Report



Date: 08/03/2017

To,

Infosys Limited

Nagpur

Sub: Installation & Commissioning report of STP Nagpur.

Further to the above subject, this is to inform that Sewage Treatment Plant Capacity of 7 KLD is supplied and installed by Sobha Limited.

STP was installed and commissioned with fresh water on 06.03.17.

Thanking You,

For Infosys Limited

ANNEXURE - VII

Test Reports

December-2019



ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Organization

Recognized By Ministry of Environment & Forests (MoEF), New Delhi
Accredited By Quality Council of India by - NABET
Approved by : Food Safety & Standards Authority of India Under FSS Act Bureau of Indian Standards (BIS)

Agricultural & Process Food Products Export Development Authority (APEDA) Export inspection council (EIC)

Ambient Air Quality Analysis Report

Report Code: AN/AA/IL/2019-20/516-1

Issue Date: 16/12/2019

Issued To

: Infosys Limited

Nagpur SEZ Co-Developer, Plot No.7, Sector-17, Special Economic Zone, Mihan Notified Area, Nagpur-441 108.

Inward No.

: 1920/Mon-347-1

Sample Description

: Ambient Air

Sample Drawn On

: 11/12/2019 To 12/12/2019

Sample Drawn By

: Anacon Representative

Sample Received On

: 13/12/2019

Sampling Location

: Near Main Gate

Sampling Plan & Procedure

: SOP-AAQ

Analysis Duration

: 13/12/2019

Sampling Time

: 24 Hrs.

Ambient Temperature

: 23°C

Average Flow Rate of SPM

: 1.2 (m3/min)

Average Flow Rate of Gases

: 0.3 (lpm)

Weather Conditions

: Clear

S. No.	PARAMETER	TEST METHOD	RESULTS	UNIT	CPCB Standard
1	Particulate Matter (PM10)	IS:5182 (Part 23)	57.1	μg/m³	100 (24 hrs)
2	Particulate Matter (PM2.5)	USEPA-40 (Part 50)	21.8	μg/m³	60 (24 hrs)
3	Sulphur dioxide (as SO ₂)	IS:5182 (Part 2)	12.4	μg/m³	80 (24 hrs)
4	Nitrogen dioxide (as NOx)	IS:5182 (Part 6)	23.9	μg/m³	80 (24 hrs)
5	Carbon Monoxide (as CO)	IS:5182 (Part 10)	0.357	mg/m³	2.0 (8 hrs)
6	Lead (as Pb)	IS:5182 (Part 22)	< 0.01	μg/m³	1.0 (24 hrs)
7	Nickel (as Ni)	SOP ANqd/Mon-4	< 0.1	ng/m³	20.0 (annual)
8	Arsenic (as As)	SOP ANqd/Mon-3	< 0.1	ng/m³	6.0 (annual)
9	Ozone (as O ₃)	IS:5182 (Part 9)	6.4	μg/m³	100 (8 hrs)
10	Ammonia (as NH3)	Indophenol Method	9.3	μg/m³	400 (24 hrs)
11	Benzene (as C ₆ H ₆)	IS:5182 Part 11-GC	< 0.01	μg/m³	5.0 (annual)
12	Benzo-Pyrene (as BaP)	IS:5182 Part 12-GC	< 0.01	ng/m³	1.0 (annual)

Thanks for utilizing our services.

'<' Indicates Absent.

Head Office: 60, Bejiprabhy Nagar, Nagpur - 440033 India. Ph. No. 9372404924, Email: support@anacon.in
Labrice 34.35 Food Park Five Star Estate, MIDC Butibori, Nagpur - 441122. Mob. No. 9373287475, Email: labngp@anacon.in
Support Helpines: Tecfinical (9373287475) Email: labngp@anacon.in, Offer (8698945450) Email: support@anacon.in,
Accounts Division (9326960081, 9372960079) Email: accounts@anacon.in
You may also visit us at www.anaconlaboratories.com

Branches: Maharashtra | Chhattisgarh | Madhya Pradesh | Jharkhand | Delhi

Gan



ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Organization Recognized By Ministry of Environment & Forests (MoEF), New Delhi

Accredited By Quality Council of India by - NABET
Approved by : Standards Authority of India Under FSS Act Bureau of Indian Standards (BIS) ♦ Agricultural & Process Food Products Export Development Authority (APEDA) ♦ Export inspection council (EIC) ♦ Agmark

Ambient Air Quality Analysis Report

Report Code: AN/AA/IL/2019-20/516-2

Issue Date: 16/12/2019

Issued To

: Infosys Limited

Nagpur SEZ Co-Developer, Plot No.7, Sector-17, Special Economic Zone, Mihan Notified Area, Nagpur-441 108.

Inward No.

: 1920/Mon-347-2

Sample Description

: Ambient Air

Sample Drawn On

: 11/12/2019 To 12/12/2019

Sample Drawn By

: Anacon Representative

Sample Received On

: 13/12/2019

Sampling Location

: Near DG Set

Sampling Plan & Procedure

: SOP-AAQ

Analysis Duration

: 13/12/2019

Sampling Time

: 24 Hrs.

Ambient Temperature

: 23°C

Average Flow Rate of SPM

: 1.1 (m³/min)

Average Flow Rate of Gases

: 0.3 (lpm)

Weather Conditions

: Clear

S. No.	PARAMETER			UNIT	CPCB Standard 100 (24 hrs)	
1	Particulate Matter (PM10)			μg/m³		
2	Particulate Matter (PM2.5)	USEPA-40 (Part 50)	16.4	μg/m³	60 (24 hrs)	
3	Sulphur dioxide (as SO ₂)	IS:5182 (Part 2)	6.8	μg/m³	80 (24 hrs)	
4	Nitrogen dioxide (as NO _x)	IS:5182 (Part 6)	21.6	μg/m³	80 (24 hrs)	
5	Carbon Monoxide (as CO)	IS:5182 (Part 10)	0.327	mg/m³	2.0 (8 hrs)	
6 .	Lead (as Pb)	IS:5182 (Part 22)	< 0.01	μg/m³	1.0 (24 hrs)	
7	Nickel (as Ni)	SOP ANqd/Mon-4	< 0.1	ng/m³	20.0 (annual)	
8	Arsenic (as As)	SOP ANqd/Mon-3	< 0.1	ng/m³	6.0 (annual)	
9	Ozone (as O ₃)	IS:5182 (Part 9)	5.2	μg/m³	100 (8 hrs)	
10	Ammonia (as NH ₃)	Indophenol Method	7.6	μg/m³	400 (24 hrs)	
11	Benzene (as C ₆ H ₆)	IS:5182 Part 11-GC	< 0.01	μg/m³	5.0 (annual)	
12	Benzo-Pyrene (as BaP)	IS:5182 Part 12-GC	< 0.01	ng/m³	1.0 (annual)	

Thanks for utilizing our services.

'<' Indicates Absent.

Head Office: 60, Ba(Drahhu Napar, Nagpur - 440033 India. Ph. No. 9372404924, Email: support@anacon.in
LaChemistroopPark, Five Star Estate, MIDC Butibori, Nagpur - 441122. Mob. No. 9373287475, Email: labngp@anacathemicat

Branches: Maharashtra | Chhattisgarh | Madhya Pradesh | Jharkhand | Delhi



ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Organization

Recognized By Ministry of Environment & Forests (MoEF), New Delhi
Accredited By Quality Council of India by - NABET

Approved by : Food Safety & Standards Authority of India Under FSS Act Bureau of Indian Standards (BIS) ♦ Agricultural & Process Food Products Export Development Authority (APEDA) ♦ Export inspection council (EIC) ♦ Agmark

Ambient Air Quality Analysis Report

Report Code: AN/AA/IL/2019-20/516-3

Issue Date: 16/12/2019

Issued To

: Infosys Limited

Nagpur SEZ Co-Developer, Plot No.7, Sector-17, Special Economic Zone, Mihan Notified Area. Nagpur-441 108.

Inward No.

: 1920/Mon-347-3

Sample Description

: Ambient Air

Sample Drawn On

: 11/12/2019 To 12/12/2019

Sample Drawn By Sample Received On : Anacon Representative

: 13/12/2019

Sampling Location Sampling Plan & Procedure

: Near Canteen : SOP-AAQ

Analysis Duration

: 13/12/2019

Sampling Time

: 24 Hrs.

Ambient Temperature

: 23°C

Average Flow Rate of SPM

: 1.2 (m³/min)

Average Flow Rate of Gases

: 0.4 (lpm)

Weather Conditions

: Clear

_		· Cicui			
S. No.	PARAMETER	TEST METHOD	RESULTS	UNIT	CPCB Standard
1	Particulate Matter (PM10)	IS:5182 (Part 23)	47.3	μg/m³	100 (24 hrs)
2	Particulate Matter (PM2.5)	USEPA-40 (Part 50)	16.2	μg/m³	60 (24 hrs)
3	Sulphur dioxide (as SO ₂)	IS:5182 (Part 2)	5.8	μg/m³	80 (24 hrs)
4	Nitrogen dioxide (as NOx)	IS:5182 (Part 6)	18.1	μg/m³	80 (24 hrs)
5	Carbon Monoxide (as CO)	IS:5182 (Part 10)	0.308	mg/m³	2.0 (8 hrs)
6	Lead (as Pb)	IS:5182 (Part 22)	< 0.01	μg/m³	1.0 (24 hrs)
7	Nickel (as Ni)	SOP ANqd/Mon-4	< 0.1	ng/m³	20.0 (annual)
8	Arsenic (as As)	SOP ANqd/Mon-3	< 0.1	ng/m³	6.0 (annual)
9	Ozone (as O ₃)	IS:5182 (Part 9)	5.3	μg/m³	100 (8 hrs)
10	Ammonia (as NH ₃)	Indophenol Method	7.2	μg/m³	400 (24 hrs)
11	Benzene (as C ₆ H ₆)	IS:5182 Part 11-GC	< 0.01	μg/m³	5.0 (annual)
12	Benzo-Pyrene (as BaP)	IS:5182 Part 12-GC	< 0.01	ng/m³	1.0 (annual)

Thanks for utilizing our services.

'<' Indicates Absent.

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Lab: FP 34-35, Food Park, Five Star Estate, MIDC Butibori, Nagpur - 441122. Mob. No. 9373287475, Email: labngp@anacon.in
support Helplines. Technical (9373287475) Email: labngp@anacon.in, Offer (8698945450) Email: support@anacon.in,
Actanemistr (932690081, 9372960079) Email: accounts@anacon.in

You may also visit us at www.anaconlaboratories.com Branches : Maharashtra | Chhattisgarh | Madhya Pradesh | Jharkhand | Delhi

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Approved by : Food Safety & Standards Authority of India Under FSS Act Bureau of Indian Standards (BIS)

Agricultural & Process Food Products Export Development Authority (APEDA) Export inspection council (EIC) Agmark

NOISE MONITORING REPORT

Report No.:-	AN/NE/IL/2019-20/516-4	Report Date:-	16/12/2019
Issued to :-	Infosys Limited	Address :-	Nagpur SEZ Co-Developer, Plot No.7,Sector-17, Special Economic Zone, Mihan Notified Area, Nagpur-441 108.
Type of Work:-	Noise Monitoring (December-2019)	Sample Ref.No.	1920/Mon-N-347
Sample Drawn By	Anacon Representative	Data Received :	12.12.2019

SL. NO.	LOCATION	Date of Sampling	RESULT (dBA)		
		Date of Samping	Day Time	Night Time	
1.	Near Main Gate	11/12/2019	56.1	47.2	
2.	Near DG Set	11/12/2019	51.9	43.7	
3.	Near Canteen	48.3	37.1		
CPCB Sta	ndards-	2 restriction investment		1000	
Industrial Area			75	70	
Residential Area			55	45	

Thanks for utilizing our services.

Chemist:-5/

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Branches: Maharashtra | Chhattisgarh | Madhya Pradesh | Jharkhand | Delhi



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STACK EMISSION REPORT

Report No.:-	AN/SE/IL/2019-20/516-5	Report Date:-	16/12/2019
Issued to	Infosys Limited	Address :-	Nagpur SEZ Co-Developer, Plot No.7,Sector-17, Special Economic Zone, Mihan Notified Area, Nagpur-441 108.
Type of Work:-	Stack Monitoring (December-2019)	Sample Ref.No. :-	1920/Mon-347-S1
Sample Drawn By:	Anacon Representative	Sample Received Date	13.12.2019
Date of Analysis	13.12.2019	Testing Period	01 day

Sr. No.	Parameters	Units	DG Set (160 kVA)	*Limits	Method Reference
1.	Date of Sampling		12.12.2019		-
2.	Flue gas Temperature	°C	121	-	IS:11255 (Part 3)
3.	Flue Gas Velocity	m/ sec	12.59	-	IS:11255 (Part 3)
4.	Particulate Matter (PM)	gm/kw-h	0.034	≤ 0.2	IS:11255 (Part 1)
5.	Oxide of Nitrogen (NOx)	gm/kw-h	0.307	NOx+HC	IS 11255 (Part 7)
6.	НС	gm/kw-h	0.008	=<4.0	Gas Analyser
7.	СО	gm/kw-h	0.347	≤ 3.5	Gas Analyser

Thanks for utilizing our services.

Chemist: SM

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ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Organization Recognized By Ministry of Environment & Forests (MoEF), New Delhi

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Approved by : ❖ Food Safety & Standards Authority of India Under FSS Act ❖ Bureau of Indian Standards (BIS) Agricultural & Process Food Products Export Development Authority (APEDA) & Export inspection council (EIC) & Agmark

Test Report No. : ALPL/1	16122019/517-1		Page	1 of 2	
Issued To: Infosys Limited	Sample Inward No. 1920/Mon-347–DW-1		Analysis Start	13.12.2019	
Nagpur SEZ Co-Developer, Plot No.7,Sector-17,	Inward Date	13.12.2019	Analysis End	16.12.2019	
Special Economic Zone,	P.O.NO.	2300146582	Report Issue Date	16.12.2019	
Mihan Notified Area, Nagpur-441 108.	Date	15.04.2019	Sample Category	R.O. Water	
Sample Name Drinking Water	Sample Collected By Anacon Representative		Quantity Received 2 Lit. & 250ml		
Sampling Location Canteen	Sampling Date		Sampling Time		

TEST RESULTS

Sr. No.	Test Parameter	Measurement Unit	Test Method	As per IS (Drinking Wate	Tank Daniel	
		measurement ont	rest method	Acceptable Limit	*Permissible Limit	Test Result
1.	pH value		IS 3025 (Part 11)	6.5 to 8.5	No relaxation	7.24 at 25°C
2.	Electrical Conductivity	μs/cm	IS 3025 (Part 14)	_	ATTEMPT STORY	392.8
3.	Turbidity	NTU	IS 3025 (Part 10)	1	5	0.4
4.	Colour	Hazen units	IS 3025 (Part 4)	5	15	1
5.	Odour	Paradici - Apontora	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable
6.	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.08
7.	Free residual chlorine	mg/l	IS 3025 (Part 26)	Min. 0.2	1	< 0.1
8.	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	216
9.	Fluoride (as F)	mg/l	IS 3025 (Part 60)	1.0	1.5	0.17
10.	Cyanide (as CN)	mg/l	IS 3025 (Part 27)	0.05	No relaxation	< 0.005
11.	Chloride (as CI)	mg/l	IS 3025 (Part 32)	250	1000	46.59
12.	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part 23)	200	600	54.73
13.	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21)	200	600	101.27
14.	Total Carbonate	mg/l	IS 3025 (Part 51)	141273-3421	180/41-255	Absent
15.	Bicarbonate	mg/l	IS 3025 (Part 51)		C. 100 100	66.77
16.	Calcium (as Ca)	mg/l	IS 3025 (Part 40)	75	200	32.59
17.	Magnesium (as Mg)	mg/l	IS 3025 (Part 46)	30	100	4.82
18.	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24)	200	400	17.21
19.	Nitrate (as NO ₃)	mg/l	APHA Method	45	No relaxation	8.19
20.	Sodium (as Na)	mg/l	IS 3025 (Part 45)	C	-	16.24
21.	Potassium (as K)	mg/l	IS 3025 (Part 45)	Samuel - Africa	2000	1.56

NOTES: ● Please see watermark "Original Test Report" to confirm the authenticity of this report. ● Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only. ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. #Permissible limit in absence of an alternate source for drinking water. ● MPN indicates most probable number. ● 'mg/l' is equivalent to 'ppm'. • 'µg/l' is equivalent to 'ppb'. • '<' indicates detection limit of instrument/method and shall be considered as 'absent'. Result for test no. 7 is not relevant.

For ANACON LABORATORIES PVT. LTD.

Verified by

Authorized Signatory

Ms. Roshani Thakur

Dr. (Mrs.) S.D. Garway (Director - Labs)

Head Office: 66 Beingabht, Nagar, Nagpur - 440033 India. Ph. No. 9372404924, Email: support@anacon.in Lab: FP 34-35, Food Park, Five Star Estate, MIDC Butibori, Nagpur - 441122. Mob. No. 9373287475, Email: labngp@anacon.in Support Helplines: Technical (9373287475) Email: labngp@anacon.in, Offer (8698945450) Email: support@anacon.in, Accounts Division (9326960081, 9372960079) Email: accounts@anacon.in

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Partition El	10122017/017 1		rag	e z or z	
Issued To:					_
Infosys Limited	Sample Inward No.	1920/Mon-347-DW-1	Analysis Start	13.12.2019	
Nagpur SEZ Co-Developer, Plot No.7,Sector-17,	Inward Date	13.12.2019	Analysis End	16.12.2019	

Test Report No.: ALPL/16122019/517-1

Special Economic Zone,
Mihan Notified Area,
Nagpur-441 108.

P.O.NO.
2300146582
Report Issue
Date
Sample Category
R.O. Water

Sample NameSample Collected ByQuantity ReceivedDrinking WaterAnacon Representative2 Lit. & 250mlSampling LocationSampling DateSampling TimeCanteen12.12.201912.20 pm

TEST RESULTS

Sr. No	Test Parameter	Measurement	Test Method	As per IS (Drinking Wate		
		Unit	rest metriod	Acceptable Limit	*Permissible Limit	Test Result
22.	Dissolved Oxygen	mg/l	IS: 3025 (Part 38)	-		6.2
23.	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	< 0.03
24.	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	< 0.05
25.	Mercury (as Hg)	mg/l	IS: 3025 (Part 48)	0.001	No relaxation	ND
26.	Cadmium (as Cd)	mg/l	IS: 3025 (Part 41)	0.003	No relaxation	< 0.001
27.	Selenium (as Se)	mg/l	IS: 3025 (Part 56)	0.01	No relaxation	< 0.001
28.	Arsenic (as As)	mg/l	IS: 3025 (Part 37)	0.01	No relaxation	< 0.01
29.	Aluminium (as Al)	mg/l	IS: 15302	0.03	0.2	< 0.005
30.	Lead (as Pb)	mg/l	IS: 3025 (Part 47)	0.01	No relaxation	< 0.003
31.	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	< 0.01
32.	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	< 0.03
33.	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	< 0.1
34.	Phenolic compounds (as C ₆ H ₅ OH)	mg/l	IS 3025 (Part 43) :1001	0.001	0.002	< 0.001
35.	Anionic detergents (as MBAS)	mg/l	IS 13428:2005 (Annex K)	0.2	1.0	< 0.01
36.	Total coliform	Per 100 ml	IS 15185	Absent	Absent	Absent
37.	Escherichia coli	Per 100 ml	IS 15185	Absent	Absent	Absent

NOTES: ● Please see watermark "Original Test Report" to confirm the authenticity of this report. ● Results shall be referred to tested sample(s) and applicable to tested parameters only. ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only. ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. ● #Permiss'ble limit in absence of an alternate source for drinking water. ● MPN indicates most probable number. ● 'mg/l' is equivalent to 'ppm'. ● 'µg/l' is equivalent to 'ppb'. ● '<' indicates detection limit of instrument/method and shall be considered as 'absent'. ● Result for test no. 7 is not relevant.

REMARKS: Based upon request of the party, sample was tested for above mentioned parameters only. Sample complies with IS:10500:2012, for test conducted, indicating that it is fit for drinking purpose with respect to tested parameters.

For ANACON LABORATORIES PVT, LTD.

Verified by

Authorized Signatory

Ms. Roshani Thakur (Sr.Chemist)

Dr. (Mrs.) S.D. Garway (Director - Labs)

Head Office: 60, Bajiprabhu Nagar, Nagpur - 440033 India. Ph. No. 9372404924, Email: support@anacon.in
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ANNEXURE – VII

Test Reports

January-2020



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Ambient Air Quality Analysis Report

Report Code: AN/AA/IL/2020/18-1

Issue Date: 25/01/2020

Issued To

: Infosys Limited

Nagpur SEZ Co-Developer, Plot No.7, Sector-17, Special Economic Zone, Mihan Notified Area,

Nagpur-441 108.

Inward No.

: 2020/Mon-11-1

Sample Description

: Ambient Air

Sample Drawn On

: 20/01/2020 To 21/01/2020

Sample Drawn By

: Anacon Representative

Sample Received On

: 22/01/2020

Sampling Location

: Near Main Gate

Sampling Plan & Procedure

: SOP-AAQ

Analysis Duration

: 23/01/2020 To 24/01/2020

Sampling Time **Ambient Temperature**

: 24 Hrs. : 26°C

Average Flow Rate of SPM

: 1.2 (m³/min)

Average Flow Rate of Gases

: 0.3 (lpm)

Weather Conditions

: Clear

S. No.	PARAMETER	TEST METHOD	RESULTS	717.1500	
1	Particulate Matter (PM10)	IS:5182 (Part 23)		UNIT	CPCB Standard
2	Particulate Matter (PM25)		57.1	μg/m ³	100 (24 hrs)
3	Sulphur dioxide (as SO ₂)	USEPA-40 (Part 50)	24.7	μg/m³	60 (24 hrs)
4	Nitrogen dioxide (as NO _x)	IS:5182 (Part 2)	11.6	μg/m³	80 (24 hrs)
5		IS:5182 (Part 6)	23.1	μg /m ³	80 (24 hrs)
6	Carbon Monoxide (as CO)	IS:5182 (Part 10)	0.372	mg/m³	2.0 (8 hrs)
7	Lead (as Pb)	IS:5182 (Part 22)	< 0.01	μg/m³	1.0 (24 hrs)
	Nickel (as Ni)	SOP ANqd/Mon-4	< 0.1	ng/m³	20.0 (annual)
8	Arsenic (as As)	SOP ANgd/Mon-3	< 0.1	ng/m³	
9	Ozone (as O ₃)	IS:5182 (Part 9)	6.7		6.0 (annual)
10	Ammonia (as NH ₃)	Indophenol Method	9.1	μg /m³	100 (8 hrs)
11	Benzene (as C ₆ H ₆)	IS:5182 Part 11-GC		μg /m³	400 (24 hrs)
12	Benzo-Pyrene (as BaP)	IS:5182 Part 12-GC	< 0.01	μg/m³	5.0 (annual)
hanks	for utilizing our services.	10.01021 #11 12-GC	< 0.01	ng/m³	1.0 (annual)

Thanks for utilizing our services.

'<' Indicates Absent.

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Approved by : Tood Safety & Standards Authority of India Under FSS Act. Bureau of Indian Standards (BIS)

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Ambient Air Quality Analysis Report

Report Code: AN/AA/IL/2020/18-3

Issue Date: 25/01/2020

Issued To

: Infosys Limited

Nagpur SEZ Co-Developer, Plot No.7,Sector-17, Special Economic Zone, Mihan Notified Area, Nagpur-441 108.

Inward No.

: 2020/Mon-11-3

Sample Description

: Ambient Air

Sample Drawn On

: 20/01/2020 To 21/01/2020

Sample Drawn By

: Anacon Representative

Sample Received On

: 22/01/2020

Sampling Location

: Near Canteen

Sampling Plan & Procedure

:SOP-AAQ

Analysis Duration

: 23/01/2020 To 24/01/2020

Sampling Time Ambient Temperature

: 24 Hrs.

Average Flow Rate of SPM

: 26°C : 1.2 (m³/min)

Average Flow Rate of Gases

: 0.4 (lpm)

Weather Conditions

: Clear

S. No.	PARAMETER	TEST METHOD	RESULTS	UNIT	CPCB Standard
1	Particulate Matter (PM10)	IS:5182 (Part 23)	48.2	 	
2	Particulate Matter (PM25)	USEPA-40 (Part 50)	17.1	μg /m³	100 (24 hrs)
3	Sulphur dioxide (as SO ₂)	IS:5182 (Part 2)	5.4	μg /m³	60 (24 hrs)
4	Nitrogen dioxide (as NOx)	IS:5182 (Part 6)	16.7	μg /m³	80 (24 hrs)
5	Carbon Monoxide (as CO)	IS:5182 (Part 10)	0.309	μg /m³	80 (24 hrs)
6	Lead (as Pb)	IS:5182 (Part 22)		mg/m³	2.0 (8 hrs)
7	Nickel (as Ni)	SOP ANqd/Mon-4	< 0.01	μg /m³	1.0 (24 hrs)
8	Arsenic (as As)	SOP ANgd/Mon-3	< 0.1	ng/m³	20.0 (annual)
9	Ozone (as O ₃)	IS:5182 (Part 9)	< 0.1	ng/m³	6.0 (annual)
10	Ammonia (as NH ₃)	Indophenol Method	5.3	μg/m³	100 (8 hrs)
11	Benzene (as C ₆ H ₆)	IS:5182 Part 11-GC	7.1	_μg/m³	400 (24 hrs)
12	Benzo-Pyrene (as BaP)		< 0.01	μg /m³	5.0 (annual)
	for utilizing our services	IS:5182 Part 12-GC	< 0.01	ng/m³	1.0 (annual)

Thanks for utilizing our services.

'<' Indicates Absent.

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Ambient Air Quality Analysis Report

Report Code: AN/AA/IL/2020/18-2

Issue Date: 25/01/2020

Issued To

: Infosys Limited

Nagpur SEZ Co-Developer,

Plot No.7, Sector-17, Special Economic Zone, Mihan Notified Area. Nagpur-441 108.

Inward No.

: 2020/Mon-11-2

Sample Description

: Ambient Air

Sample Drawn On

: 20/01/2020 To 21/01/2020

Sample Drawn By

: Anacon Representative

Sample Received On

: 22/01/2020

Sampling Location

: Near DG Set

Sampling Plan & Procedure

: SOP-AAQ

Analysis Duration

: 23/01/2020 To 24/01/2020

Sampling Time

: 24 Hrs.

Ambient Temperature

: 26°C

Average Flow Rate of SPM

: 1.2 (m³/min)

Average Flow Rate of Gases

: 0.3 (lpm)

Weather Conditions

: Clear

S. No.	PARAMETER	TEST METHOD	RESULTS	UNIT	CPCB Standard
_1	Particulate Matter (PM10)	IS:5182 (Part 23)	53.9	μg/m³	100 (24 hrs)
2	Particulate Matter (PM2.5)	USEPA-40 (Part 50)	16.4	μg/m³	60 (24 hrs)
3	Sulphur dioxide (as SO ₂)	IS:5182 (Part 2)	6.8	μg/m³	80 (24 hrs)
4	Nitrogen dioxide (as NO _x)	IS:5182 (Part 6)	18.2	μg/m³	80 (24 hrs)
5	Carbon Monoxide (as CO)	IS:5182 (Part 10)	0.307	mg/m³	2.0 (8 hrs)
6	Lead (as Pb)	IS:5182 (Part 22)	< 0.01	μg/m³	1.0 (24 hrs)
7	Nickel (as Ni)	SOP ANqd/Mon-4	< 0.1	ng/m³	20.0 (annual)
8	Arsenic (as As)	SOP ANqd/Mon-3	< 0.1	ng/m³	6.0 (annual)
9	Ozone (as O ₃)	IS:5182 (Part 9)	5.4	μg /m ³	100 (8 hrs)
10	Ammonia (as NH3)	Indophenol Method	6.9	μg/m³	400 (24 hrs)
11	Benzene (as C ₆ H ₆)	IS:5182 Part 11-GC	< 0.01	μg/m³	5.0 (annual)
12	Benzo-Pyrene (as BaP)	IS:5182 Part 12-GC	< 0.01	ng/m³	1.0 (annual)

Thanks for utilizing our services.

'<' Indicates Absent.

033 India Ph. No. 9372404924, Email MIDC Butibori, Nagpur - 441122 Mob. No. 9373287475 Email: tabogo@ana) Email: tabogo@anacon.in, Offer (8698945450) Email: support@anacon.in,

Authorized Signatory



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Approved by - Food Safety & Standards Authority of India Under FSS Act - Bureau of Indian Standards (BIS)
Agricultural & Process Food Products Export Development Authority (APEDA) - Export Inspection council (EIC) - Agmark

NOISE MONITORING REPORT

Report No.:-	AN/NE/IL/2020/18	Report Date:-	25/01/2020
Issued to :-	Infosys Limited	Address :-	Nagpur SEZ Co-Developer, Plot No.7,Sector-17, Special Economic Zone, Mihan Notified Area, Nagpur-441 108.
Type of Work :-	Noise Monitoring (January-2020)	Sample Ref.No.	2020/Mon-N-11
Sample Drawn By	Anacon Representative	Data Received :	24/10/2019

SL. NO.	LOCATION	Date of Sampling	RESULT (dBA)		
			Day Time	Night Time	
1.	Near Main Gate	20.01.2020	62.4	52.8	
2.	Near DG Set	20.01.2020	56.3	41.9	
3.	Near Canteen	20.01.2020	48.1	37.2	
CPCB Sta	ndards				
Indust	rial Area		75	70	
Residential Area			55	45	

Thanks for utilizing our services.

Chemist: - S& J.

Authorized Signatory

AMAC IN



www.envirocare.co.in info@envirocare.co.in

19/01/2020

TEST REPORT

Sample / Report No.

01/TH/IS/1/20/0283

ULR Number

TC828420000002795F

Name of Customer

Infosys Limited Nagpur SEZ Co

Address of Customer

Developer Plot No 7, Sector-17, Special Economic Zone, MIHAN Notified

Area, Nagpur, Nagpur, Maharashtra India

Order / Reference

PO NO: 2300146266 Dated: 09.04.2019

Nature of Sample

Water

Sample declaration as provided by customer:

Sample Name

Drinking Water Sample from Cafeteria

Sample Drawn by

Envirocare on 09/01/2020

Sample Received On

10/01/2020

Start of Analysis

11/01/2020 Plastic (Sterilized) End of Analysis Sample Quantity

16/01/2020 500 + 125 ml

Sample Container Sampling Procedure

As Per IS 3025 Part 1 & IS 1622:1981 Reaff.2009

Limits

As per IS 10500:2012 (Acceptable Limit)

Parameters Results Limits Units Method Organoleptic and Physical Parameters Colour 1 Max. 5 Hazen IS 3025(Part 4):1983, RA 2017 Odour Agreeable Agreeable IS 3025(Part 5):2018 pH value 8.15 6.5 to 8.5 IS 3025(Part 11):1983, RA 2017 Taste Agreeable Agreeable IS 3025(Part 8):1984,RA 2017 Turbidity 0.28 Max. 1 NTU IS 3025(Part 10):1984, RA 2017 Total dissolved solids TDS 250 Max. 500 mg/L IS 3025 (Part 16):1984,RA 2017

General Parameters Concerning Substances Undesirable in Excessive Amou

	ees ondesing	TOTE III PACE22IAE	Amounts	
Calcium as Ca	27	Max. 75	mg/L	IS 3025(Part 40):1991,RA 2019
Chloride as CI	51	Max. 250	mg/L	
Fluoride as F	<0.1	Max. 1.0	mg/L	IS 3025(Part 32):1988, RA 2019
Iron as Fe	0.033	Max. 1.0	mg/L	IS 3025(Part 60):2008,RA 2019 APHA 3125 B,23rd Edition: 2017
Magnesium as Mg	8	Max. 30	mg/L	IS 3025(Part 46):1994,RA 2019
Total alkalinity as calcium carbonate	89	Max. 200	mg/L	IS 3025(Part 23):1986, RA 2019
Total hardness as CaCO ₃	98	Max. 200	mg/L	IS 2025/Dark 21) 2000 D
Bacteriological Quality of Dainline			1116/L	IS 3025(Part 21):2009, RA 2019

Bacteriological Quality of Drinking water

Total coliform bacteria Absent Absent /100ml IS 15185:2016 E. coli Absent Absent /100ml IS 15185:2016

Note: The sample analyzed for above parameters is within the prescribed limits for IS 10500:2012.

----End of Test Report----

Ms Shalaka Gupte

Ms. Megha Borkar

Sr. Microbiologist

Lab Manager

This report can not be reproduced in parts. The results relate to sample tested.

Enviro House, A7-A8 MIDC: Wagle Industrial Estate Main Road: Thane - 400604 India Tel. No. +91.22.2583.8286 - 89 CIN: 1990906441.028977-044678

www.envirocare.co.in

19/01/2020

TEST REPORT

Sample / Report No.

02/TH/IS/1/20/0283

ULR Number

TC828420000002795F

Name of Customer

Infosys Limited Nagpur SEZ Co

Address of Customer

Developer Plot No 7, Sector-17, Special Economic Zone, MIHAN Notified

Area, Nagpur, Nagpur, Maharashtra India

Order / Reference

PO NO: 2300146266 Dated: 09.04.2019

Nature of Sample

Water

Sample declaration as provided by customer:

Sample Name

Drinking Water Sample from Cafeteria

Sample Drawn by

Envirocare on 09/01/2020

Sample Received On

10/01/2020

Start of Analysis

11/01/2020 Plastic (Sterilized) End of Analysis Sample Quantity 16/01/2020 500 + 125 ml

Sample Container Sampling Procedure

As Per IS 3025 Part 1 & IS 1622:1981 Reaff.2009

Limits

As per IS 10500:2012 (Acceptable Limit)

Parameters

Results

Limits

Units

Method

General Parameters Concerning Substances Undesirable in Excessive Amounts

Free Residual Chlorine

< 0.05

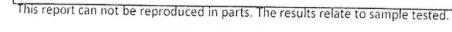
Min. 0.20

mg/L

IS 3025(Part 26):1986, RA 2019

----End of Test Report----

Ms. Megha Borkar Lab Manager





ANNEXURE – VII

Test Reports

February-2020

Mitra S. K. Private Limited



Unit No. 212, Sristi Plaza

Saki Vihar Road, Powai, Andheri East

Mumbai - 400 072

[CIN: U51909WB1956PTC023037]

T: 91 22 4015 0416
F: 91 22 4015 4015
E: mumbai@mitrask.co.in

TEST REPORT

Name & Address of the Customer:

INFOSYS LIMITED

Nagpur SEZ Co-Developer, PloNo7, Sector-17, Special

Economic Zone

IHAN Notified Area, Nagpur, Maharashtra-441108 India.

WO No: 2300152002

Report No. : MUM/ED/19-20/568

Date : 14.03.2020

Job Ref No : ED/AIR/MUM-2019/00130

Sample Description: Indoor Air

Sampling Location: 1st floor ODC 1 and 2 area

Date of Sampling: 03.03.2020

AMBIENT AIR QUALITY MONITORING REPORT

Sl. No.	Concentration of Pollutants	Result	Limit As Per OSHA		and Analysis done ecording to
1	Particulate Matter (<10µm)	2.2 (mg/m3)	Not Specified	1	NIOSH-600
2	Particulate Matter (<2.5μm)	1.7 (mg/m3)	5000	USEPA CFR	-40, Part-50 Appendix L

Report Prepared By:

For, Mitra S K Private Limited

Authorized Signatory

Mitra S. K. Private Limited

MSK TESTINGOINSPECTION

Unit No. 212, Sristi Plaza

Saki Vihar Road, Powai, Andheri East

Mumbai - 400 072

[CIN: U51909WB1956PTC023037]

T: 91 22 4015 0416
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TEST REPORT

Name & Address of the Customer:

INFOSYS LIMITED

Nagpur SEZ Co-Developer, PloNo7, Sector-17

Special Economic Zone

IHAN Notified Area, Nagpur, Maharashtra-441108 India.

WO No: 2300152002

Report No. : MUM/ED/19-20/569

Date : 14.03.2020

Job Ref No : ED/AIR/MUM-2019/00131

Sample Description: Indoor Air Sampling Location: Nagpur DG Date of Sampling: 03.03.2020

ANALYSIS RESULT

Α.	General information about stack :				
1.	Stack connected to : DG1				
2.	Emission due to : B	urning of	Diesel		
3.	Material of construction of Stack : M	IS			
4.	Shape of Stack : C	ircular			
5.	Whether stack is provided with permanent platform &	ladder:	Yes		
6.	Generator Capacity : 160 K\	/A			
В.	Physical characteristics of stack:				
1.	Height of the stack from ground level : 12	m			
2.	Diameter of the stack at sampling point : 0.	10 m			
3.	Height of the Sampling Point from Ground level : 3.0) m			
4.	Area of Stack : 0.	0079m2			
C.	Analysis/Characteristic of stack: Fuel used HSD	. ц с	Diesel : 18 L/hr		
D .	Results of sampling & analysis of gaseous emission	Result	Method		Limit as per CPCB
1.	Temperature of emission (°C)	151	IS 11255 (Part III),2008RA	2018	
2.	Barometric pressure (mm of Hg)	734	Lab Method		
3.	Velocity of gas (m/sec.)	14.89	IS 11255 (Part III),2008RA	2018	
4.	Quantity of Gas Flow (Nm³/hr)	287	IS 11255 (Part III),2008RA		
5.	Concentration of Carbon monoxide (mg/Nm³)	<0.2	IS 13270:1992, Rffm 2009		150
6.	Concentration of Carbon dioxide (% v/v)	5.4	IS 13270:1992, Rffm 2009	Policy Control of the	
7.	Concentration of Sulphur dioxide (mg/Nm³)	17.8	IS 11255 (Part II)-1985, RA		
8.	Concentration of Nitrogen dioxide (mg/Nm³)	64.1	IS 11255 (Part 7) :2005 RA	A2017	710
9.	Concentration of Particulate Matters (mg/Nm³)	15	IS 11255 (Part I):1985,RA	2014	150
Ε.	Pollution control device Details of pollution control devices attached with the	stack :	NIL		
F.	Remarks		: NIL		

Report Prepared by

\$

For, Mitra SK Private Limited

Authorized Signatory

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