

IL-SEZ/IDR/FAC/EC/140520

DATE: 14/05/2020

Ministry of Environmental Forest Regional Office Western Zone Kendriya Paryawaran Bhawan, Link Road 3 E-5 Ravi Shankar Nagar BHOPAL-462016

Sub: Submission of Environmental Compliance status Report of "Infosys Campus" located in Super Corridor, Tigaria Badshah & Bada Bangarda villages, Hatod Tehsil, Indore District, Madhya Pradesh for the period of October-2019 to March-2020

Dear Sir,

With reference to the above subject we are here with submitting the Environmental Compliance Status Report of "Infosys Campus" located in Super Corridor, Tigaria Badshah & Bada Bangarda villages, Hatod Tehsil, Indore District, Madhya Pradesh for the period of October-2019 to March-2020. Please acknowledge the receipt of above.

Thanking you,

Yours Sincerely for Infosys Limited

Dass Gunalan

Associate Vice President & Regional Head-Facilities

CC-Regional Officer MPPCB, Indore

INFOSYS LIMITED Survey No. 210 Manikonda Village, Lingampally Rangaredddy (Dist.) Hyderabad 500032, Indla T 91 40 6642 0000 F 91 40 2300 5223 Corporate Office: CIN: L85110KA1981PLC013115 44, Infosys Avenue Electronics City, Hosur Road Bengaluru 560100, India T 91 80 2852 0261 F 91 80 2852 0362 askus@Infosys.com

www.infosys.com

# ENVIRONMENTAL COMPLIANCE STATUS REPORT

[OCTOBER 2019- MARCH 2020]

at

Super Corridor, Tigri Badshah & Bada Bangarda villages, Hatod Tehsil, Indore District, Madhya Pradesh

## FOR SUBMISSION

to

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

Ву

**INFOSYS LIMITED** 

Infosys Campus at Super Corridor, Super Corridor, Tigariya Badshah & Bada Bangarda villages, Hatod Tehsil, Indore District, Madhya Pradesh Half-Yearly Compliance Report of EC Conditions

### INTRODUCTION

The proposed project is area development project "Infosys Campus" having total land area of 5,26,415.55 Sq. m and built-up area of 3,00,489.74 Sq. m by virtue of size of the plot area (more than 50 Ha) and built-up area more than 1,50,000 Sq.m, the project comes under 8(b) category (b) of schedule of EIA Notification 14.09.2006.

The project is located in Super Corridor, Tigariya Badshah & Bada Bangarda villages, Hatod Tehsil, Indore District, Madhya Pradesh.

The project was accorded Environmental Clearance by State Environment Assessment Authority, Madhya Pradesh Vide No. 2041/SEIAA/2015 dated 16.06.2015. (Annexure-1)

Consent to Establishment was obtained from Madhya Pradesh Pollution Control Board vide Lr. No.CTE-44918/MPPCB/IND dated 17.11.2015 (Annexure-II)

Consent to Operate/CCA was obtained from Madhya Pradesh Pollution Control Board vide consent Outward No:99242,14/10/2019 (Annexure-III)

The present report consists of Half Yearly Compliance report of EC conditions for the period OCTOBER 2019 MARCH 2020.

S.NO	Specific Condition	Compliance
1	PP should ensure that the entire water demand is net through Municipal Corporation, Indore and there is no extraction of Ground Water	The water requirement is met
2	PP should ensure zero discharge of treated waste water and linkage with municipal sewer line for discharge of treated waste water ( if any)	The treated water is being used for Greenbelt development. Sewage Treatment plant present at site
3	PP should provide compactors for MSW and ensure linkage with Indore Municipal Corporation for final disposal of MSW	MSW disposed through IMC, Indore
4	PP should obtain authorisation from MPPCB regarding Hazardous Waste Management	Consent to Operate/CCA was obtained from Madhya Pradesh Pollution Control Board vide consent Outward No:99242,14/10/2019
5	Bio Medical Waste (Handling and Management) rules should be followed strictly for the disposal of bio medical waste.	Bio Medical license obtained
6	As per MPBVR, 2012 rule 42 (3) PP should submit necessary drawings and details to the Authority (Nagar Nigam ,Indore) incorporating all the fire fighting measures recommended in National Building Code part-IV point No.3.4.6.1. The Occupancy permit shall be issued by Nagar Nigam only after ensuring that all fire	All necessary drawings submitted, Fire NOC obtained
7	in place.  PP should ensure road width; MOS and open spaces as	Agreed as per prescribed terms
8	per MPBVR, 2012 PP should ensure car parking as per rule no.84 Table clause 1(3) of MPBVR, 2012	Parking provided as per clause

9	PP should ensure installation of photovoltaic cells (Solar panels in total roof area) for lighting in common areas, LED light fixtures and energy efficient equipments.	
10	PP should ensure Rain Water	Four rain water harvesting pits are in place
11	Harvesting	
11		

S.NO	Specific Condition	Compliance
12	Company shall target for obtaining the Platinum Rating under Green Building Certification from LEED	Work in Progerss
13	,	Consent to Establishment was obtained from Madhya Pradesh Pollution Control Board vide Lr. No.CTE-44918/MPPCB/IND dated 17.11.2015 Consent to Operate/CCA was obtained from Madhya Pradesh Pollution Control Board vide consent Outward No:99242,14/10/2019
14	Construction of STP and development of green areas shall be taken up along with the other project activities	An STP of 06 KLD is installed during construction phase. Greenbelt will be developed all along the periphery. Another 93KLD STP ready
15	At least 06 COC shall be maintained in the cooling tower	Provided Provided

### B. SPECIFIC CONDITIONS AS RECOMMENDED BY SEAC

Infosys Campus at Super Corridor, Super Corridor, Tigariya Badshah & Bada Bangarda villages, Hatod Tehsil, Indore District, Madhya Pradesh Half-Yearly Compliance Report of EC Conditions

Environmental Clearance issued by State Environment Assessment Authority, Madhya Pradesh Vide No. 2041/SEIAA/2015 dated 16.06.2015

### A. CONSTRUCTION PHASE

SI. No.	Condition	Compliance Status
1	The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.	The periphery is baricaded and Complied with the condition.
2	All required sanitary and hygienic measures should be in place before starting any construction work and are to be maintained throughout the project phase.	Adequate sanitary facilities are provided during the construction phase to the concerned workers.
3	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, safe drinking water, medical health care, creche etc., The housing may be in the form of temporary structures to be removed after the complection of the project.	All the labourers are comes from near by areas and transportation facility is provided. Because of this situation the need of providing housing for construction labour at site is not required. Adequate facilities for drinking water, OHC, mobile sanitary are provided.
4	Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to dust etc., shall be carried out, Periodic monitoring for exposure to respirable dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of dust on their health and precationary measures like use of personal equipments etc., shall be carried out periodically.	Training is provided to the workers in respective fields.
5	A First Aid Room will be provided in the project both during construction and operation of the project.	First Aid Centre facility is provided.
6	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	separately at project site for
7	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health	Precautions are taken to prevent any adverse.

	aspects of people, only in approved sites with the approval of competent authority.	
8	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil and Ground water samples are being tested
9	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the ground water.	Precautions are taken.
10	Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the M.P. Pollution Control Board.	The used/spent oil generated from D G sets will be stored in covered cans and will be disposed to Authorised vendors.
11	The diesel generator sets (if any) to be used during construction phase should be low sulphur diesel type and should confirm to Environment (Protection) Rules prescribed for air and noise emission standards.	Complied with the condition, Yes, DG emission tests have done.
12	The diesel required (if any) for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	The required diesel is stored separately and authorised personnel will be allowed.
13	Wastewater generated from temporary labour tents will be diverted to the sewer network in the area.	Mobile toilets are provided by the vendor and taken steps to dispose waste water in notified area.
14	No water logging should take place at any point during construction phase.	Complied with the condition.
15	If the project site is located within the 100 km of Thermal Power Stations, then 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.	Fly ash bricks have been used at project site. This is part of the work order.
16	As far as possible ready mixed concrete should be used in construction work.	Complied with the condition.
17	Vehicles hired for bringing construction material to the site should be in good	Pollution check have been done for the vehicles used at site.

	condition and should have a pollution check certificate and should confirm to applicable air and noise emission standards and should be operated only during non-peak hours.	
18	Ambient noise levels should confirm 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 confirm to the stipulated standards by CPCPB/MPPCB.	The noise levels are monitored at the main gate during day and night time during construction phase The results were well within the limits
19	Storm water control and its use should be as per CGWB and BIS standards for various applications.	Storm water has been allowed to percolate into the soil.
20	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Ready mix concrete has been used for entire project.
21	Care shall be taken during the wet drilling activities.	Complied with the condition.
22	Spread of contaminated water should be prevented by installing temporary barriers of G.I. Sheets.	No such contaminated water is generated.
23	To prevent surface and ground water contamination by oil/grease, leak proof containers shall be used for storage and transportation of oil/grease. The floors of oil/grease handling area will be kept effectively impervious.	surface and ground water contamination of oil/grease by
24	On-site burning of waste material will not be permitted.	Not Applicable.
25	Ground water should not be used during construction phase, Private tanker water suppliers may be asked to supply water during construction phase.	Private tankers have been used by vendor for construction.
26	Commitment towards CSR has to be followed strictly.	Agreed.
27	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing device or sensor based control.	Mobile toilets are provided with

28	Wherever possible, the area around the STP/ETP should be surrounded with dense green belt.	Not applicable. Will be designed during operational phase.
29	To reduce the electricity consumption and load on air conditioning, high quality double glass with special reflective coating in windows should be promoted.	Double glass windows provided
30	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Agreed
31	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 aspirational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	
32	Approved of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire equipment's, etc., as per National Building Code including protection measures from lightening etc.,	Building completion certificate obtained and Building occupancy certificate obtained

### **B. OPERATION PHASE**

Sl. No.	Condition	Compliance Status
1	The installation of the Sewage Treatment Plant (STP) as submitted by PP in the office of the SEIAA should be certified by an independent expert and a report in this regard should be submitted to the Regional office of the Ministry of	Treated waste water will conform to the norms and standards of the M.P. Pollution Control Board. Necessary measures are made to mitigate the odour problem from

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Half-Yearly Compliance Report of EC Conditions

	Environment & Forest, GOI before the project is commissioned for operation. Treated effluent shall conform to the norms and standards of the M.P. Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	
2	Treated waste water should not be used for air conditioning.	The Treated Waste Water will be used for Greenbelt development.
3	Treatment of 100% grey water by decentralized treatment should be done.	Grey water treatment / STP is installed.
4	The bio-medical waste (if applicable) generated should be disposed off as per the provisions of Bio-Medical waste (Management and Handling) Rules 1988 as amended till date.	Obtained Bio medical license
5	Provision of separate entrance / exit gate should be made for collection of segregated bio-medical waste (if applicable) from the storage area.	Not Applicable
6	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material as per CPCB norms.	Wet garbage is composted in an composter. The dry solid waste will be disposed to authorized vendors.
7	Diesel power generating sets if proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and confirm 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. Low sulphur diesel must be used. The location of the DG sets may be decided with in consultation with Madhya Pradesh Pollution Control Board.	DG Set of 160 kVA is installed as on date. Low Sulphur diesel is used. 2X625 KVA DG consent also obtained
8	No water logging should take place at any point during operation phase.	Complied with the condition

9	The Project Proponent shall explore the possibility of using solar energy whenever possible.	189 KWH solar power installed
10	Provision of plantation has to be made as per Madhya Pradesh Bhumi Vikas Niyam, 1984.	Will be done after completion of project.
11	Any hazardous waste generated during operation phase, should be disposed off as per applicable rules and norms with necessary approvals of the M.P. Pollution Control Board.	The used/spent oil generated from D G sets will be stored in covered cans and will be disposed to Authorised vendors
12	Noise should be controlled to ensure that it does not exceed the prescribed standards of CPCP.	Noted
13	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.	Provided
14	Rain water harvesting for roof run-off and surface run-off, should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging should be kept at least 5 mts. above the highest ground water table.	Four numbers of rain water harvesting pits are provided.
15	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	It is being monitored.
16	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.	No traffic congestion is present
17	A Report on the energy conservation measures confirming to energy conservation norms finalize by Bureau Efficiency should be prepared incorporating details about building materials & technology, R&U Factors etc and submit to the Regional office of Ministry of	Will be complied

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	Environment & Forest, GOI in three months time.	
18	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. Used 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.	Will comply
19	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Complied and adequate distance provided
20	The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.	Parking only used for parking purpose only
21	Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system (if any) of the project.	Noted



M.P. Pollution Control Board

E-5, Arera Colony

Paryawaran Parisar, Bhopal - 16 (M.P.) Tele: 0755-2466191, Fax-0755-2463742

(CCA-Renewal)

CONSENT NO: \*\*\* Consent No: AW-50600

PCB ID: 30664

To.

RED-LARGE

Outward No: 99242,14/10/2019

The Occupier,

M/s. Infosys IT/ITES Campus,

Khasra No. 196/2, 197/2,

Village: Tigaria Badshah & Bada Bangarda,

Tehsil: Hatod, Distt. Indore (M.P.)

Sub: Grant of renewal of consent to operate under section 25 of the Water (Prevention & Control of Pollution) Act, 1974

& under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 - reg.

Ref: Your application receipt no. CCA-Renewal -821926-25/06/2019-AW

With reference to your above application for renewal of consent to operate has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to 31/05/2020, subject to the fulfillment of the terms & conditions, enclosed with this letter and-

### SUBJECT TO THE FOLLOWING CONDITIONS:-

(a) Location: Khasra No. 196/2, 197/2, Village: Tigaria Badshah & Bada Bangarda, Tehsil: Hatod, Distt. Indore (M.P.)

(b) The capital Investment: Rs. 249.2 Crores

(c) Product and Production Capacity:

S. No.	Product	Applied Qty./Year
1	Area Development & Township Project	Total Built up Area – 1767.440 m²
	(IT Campus for Software Development Office)	
2	Generation of Electricity by DG sets	175 KVA
	(for captive use only)	

Note: - For any change in above Product and Production Capacity Project Proponent shall obtain fresh consent from the Board.

The validity of the consent is up to 31/05/2020 has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent/Authorization. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

### Enclosures:-

- \* Conditions under Water Act
- \* Conditions under Air Act
- \* General conditions

### Copy to:

1) Collector, District Indore for information please.

2) Regional Officer, M.P. Pollution Control Board, Indore for information.

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e-Signed On 14/10/2019 23:20:42 (Organic Authentication on AADHAR from UIDAI Server) TPAV # N36L741FLU . Props

> R.S. KORI Member Secretary



### M.P. Pollution Control Board E-5. Arera Colony

Paryawaran Parisar, Bhopal - 16 (M.P.) Tele: 0755-2466191, Fax-0755-2463742

### CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974:-

1. The daily quantity of sewage at out fall of the unit shall not exceed 5.130 KL/day.

Sewage Treatment: - he applicant shall operate and maintain sewage treatment plant to achieve following standards-

pН	Between	6.5 – 9.0
Total Suspended Solids	Not exceed	100 mg/l,
BOD <sub>3</sub> Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
Fecal Coliform (MPN/100m)	Not exceed	1000

- 2. The sewage shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of unit premises.
- 3. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for category wise consumption of water for Industrial cooling/boiler feed, process & domestic purposes and data shall be submitted online through XGN monthly patrak/statements. The unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.

 Sr
 Water Code (Qty in KLPD - Kilo Ltr per Day)
 WC: 5.700
 WWG: 5.130
 Water Source

 1
 Domestic Purpose
 5,700
 5.130
 Local Body

- 4. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent.
- 5. Compilation of Monitoring data:-
  - Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.
  - ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.
  - iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.
- 6. Recording of Monitoring activities and results:
  - i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.
  - ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:
    - (i) The date, exact place and time of sampling
    - (ii) The dates on which analysis were performed
    - (iii) Who performed the analysis?
    - (iv) The analytical techniques or methods used
    - (v) The result of all required analysis
  - iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shell include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.
  - iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.
- 7. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.



### M.P. Pollution Control Board

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8. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relive the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

9. Limitation of visible floating solids and foam:-

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

10. Disposal of Collected Solid waste/sludge:-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and/other solids sludge, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, Shall fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

11. Provision for Electric Power Failure:-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

12. Prohibition of Bypass of technical facilities:-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent in prohibited except:

- i. Where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.
- 13. Project Proponent shall submit the information online through XGN in reference to compliance of consent conditions.

### CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981:-

1. The applicant shall operate and maintain air pollution control system properly to achieve the level of pollutants.

Name of section	Capacity	Stack height (m)	Fuel	Consp-Unit	Control equipment to be installed	P <sub>1</sub> M <sub>2</sub> , SO <sub>2</sub> , NO <sub>2</sub> (mg/Nm <sup>3</sup> )
D.G. Sets	175 KVA	15	H.S.D	12 lit./day	ACC	As per CPCB/MoEFCC
4.	!					Guidelines.

- 2. Ambient air quality at the boundary of the unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:
  - a. Particulate Matter (less than 10 micron)
- 100 μg/m<sup>3</sup> microgram/cubic meter (PM<sub>10</sub> μg/m<sup>3</sup> 24 hrs. basis)
- b. Particulate Matter (less than 2.5 micron)
- $60 \,\mu\text{g/m}^3 \,(\text{PM}_{2.5} \,\mu\text{g/m}^3 \,24 \,\text{hrs. basis})$
- c. Sulphur Dioxide [SO<sub>2</sub>] (24 hrs. Basis)
- 80 μg/m<sup>3</sup>
- d. Nitrogen Oxides [NOx] (24 hrs. Basis)
- $80 \,\mu g/m^3$
- e. Carbon Monoxide [CO] (8 hrs. Basis)
- $-2000 \mu g/m^3$
- 3. The Project Proponent shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB (A) during day time and 70 dB(A) during night time.
- 4. Project Proponent shall provide with each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB. In no case monkey ladder shall be allowed as stack monitoring facility.
- 5. The Project Proponent shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.
- 6. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.



### M.P. Pollution Control Board

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- 7. The Project Proponent shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises
- 8. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.
- 9. Project Proponent shall take effective steps for extensive tree plantation within or around the unit premises for general improvement of environmental conditions and as stated in additional condition.

### **GENERAL CONDITIONS:-**

1. The non-hazardous solid waste arresting in the unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

### Non Hazardous Solid Waste:-

Type of waste	Quantity(MT/year)	Disposal
Municipal Solid waste	127.890	As per CPCB, MoEF&CC guidelines
E-waste	4.160	
Bio Medical waste	0.015	

- The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
  - a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
  - b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
  - c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
  - d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
  - e. To sample at reasonable times any discharge or pollutants.
- 3. This consent/authorization is transferable, in case of change of ownership/management and addresses of new Owner/partner/Directors/proprietor should immediately apply for the same:
- 4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
- 5. Project Proponent shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non-functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.
- 6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and Other Waste (Management and Transboundary movement) Rules, 2016, only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.
- 7. Balance consent/authorization fee, if any shall be recoverable by the Board even at a later date.
- 8. The applicant shall submit such information, forms and fees as required by the board not letter than 180 day prior to the date of expiration of this consent/authorization.
- 9. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.
- 10. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following:-
  - (a) Violation of any terms and conditions of this Consent.
  - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
  - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
- 11. On violation of any mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the Project Proponent.



### M.P. Pollution Control Board

E-5, Arera Colony Paryawaran Parisar, Bhopal - 16 (M.P.)

Tele: 0755-2466191, Fax-0755-2463742

### Additional Conditions:-

- 1. The Project Proponent shall ensure the arrangements for disposal of above Non Hazardous solid waste generated from the unit to the authorized venders only.
- 2. The Project Proponent shall maintain the record of generation and disposal of the non hazardous wastes and same shall be produced before the officers of Pollution Control Board during inspection or visit.
- 3. The Project Proponent shall provide all arrangements for fire safety & emergency.
- 4. This consent is granted in respect of Water pollution control Act, 1974 & Air Pollution Control act, 1981 only and does not relate to any other Department/Agencies. License/NOC required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per their Act / Rules.

Consent as required under the Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981 is granted to your project subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

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e-Signed On 14/10/2019 23:20:42 (Organic Authentication on AADHAR from UIDAI Server) TPAV # N36L741FLU



R.S. KORI Member Secretary

\* .



Recognized by MoEF & CC, Gol: Valid upto August, 2022

## TERESTE

### AMBIENT AIR QUALITY REPORT

CLIENT

: Infosys Campus

LOCATION: Super Corridor, Tigri Badshah & Bada Bangarda villages,

Hatod Tehsil, Indore District, Madhya Pradesh

MONTH

: August- 2019

### AMBIENT AIR QUALITY DATA

CODE	LOCATIONS	24-hourly Concentration, [µg/m³]					
		$PM_{2.5}$	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>2</sub>		
A-1	Main Gate	18	51	9.9	10.8		
A-2	Bada Bangarda	21	57	9.6	11.2		
A-3	Tigri Badshah	20	52	8.9	10.6		
A-4	Palakhedi	19	54	11.3	11.8		
Indu Rura	AQ Standards for strial, Residential, I and Other Areas hourly standard)	60 [µg/m³]	100 [μg/m³]	80 [µg/m³]	80 [µg/m³]		

NABL Certificate No.: TC- 5233

NABET Certificate No.: NABET/EIA/1316/RA002

Make of the Instrument for PM10: Aero Vironment Engineers Inc. Model & S.No: RDS 9000/091125, 9000/091126 & 9000/091128 Make of the Instrument for PM<sub>2.5</sub>: Envirotech Instruments (P) Ltd.

Model & S.No: APM 550, 142-DTA-2010 & 164-DTA-2010. Method of Analysis for RPM & PM<sub>2,5</sub>: Gravimetric Method. Method of Analysis for SO<sub>2</sub>: Improved West & Geake Method. Method of Analysis for NO2: Jacob & Hocheiser Method.

Duration: Sample was collected on 24 hourly basis.

**Authorized Signatory** 

\*Complaints Register is available at Laboratory.

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: lab@bsenvitech.com, info@bsenvitech.com

Website: www.bsenvitech.com CIN No.: U74210TG1999PTC032358



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ANNEXURE-VII

### AMBIENT AIR QUALITY REPORT

CLIENT

: Infosys Campus

LOCATION: Super Corridor, Tigri Badshah & Bada Bangarda villages,

Hatod Tehsil, Indore District, Madhya Pradesh

MONTH

: April- 2019

### AMBIENT AIR QUALITY DATA

	<u> </u>	24-h	ourly Con	centration, [	μg/m³]
CODE	LOCATIONS	PM <sub>2.5</sub>	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>2</sub>
A-1	Main Gate	25	63	7.6	9.1
A-2	Bada Bangarda	29	68	7.8	10.5
A-3	Tigri Badshah	23	57	8.5	9.6
A-4	Palakhedi	21	61	8.9	10.3
NAAQ Standards for Industrial, Residential, Rural and Other Areas (24 hourly standard)		60 [µg/m³]	100 [µg/m³]	80 [µg/m³]	80 [µg/m³]

NABL Certificate No.: TC- 5233

NABET Certificate No.: NABET/EIA/1316/RA002

Make of the Instrument for  $PM_{10}$ : Aero Vironment Engineers Inc. Model & S.No: RDS 9000/091125, 9000/091126 & 9000/091128 Make of the Instrument for PM<sub>2.5</sub>: Envirotech Instruments (P) Ltd.

Model & S.No: APM 550, 142-DTA-2010 & 164-DTA-2010. Method of Analysis for RPM & PM<sub>2.5</sub>: Gravimetric Method. Method of Analysis for SO<sub>2</sub>: Improved West & Geake Method.

Method of Analysis for NO2: Jacob & Hocheiser Method. Duration: Sample was collected on 24 hourly basis.

Authorized Signatory

\*Complaints Register is available at Laboratory.

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## ikorkaca

### NOISE QUALITY REPORT

CLIENT

: Infosys Campus

LOCATION: Super Corridor, Tigri Badshah & Bada Bangarda villages,

Hatod Tehsil, Indore District, Madhya Pradesh

MONTH

: August - 2019

### AMBIENT AIR QUALITY DATA

CODE	LOCATION	Day Equivalent (Ld)	Night Equivalent (Ln)
Duratio	n of Time Day: 06:00 AM Night: 10:00 PM	to 10:00 PM M to 06:00 AM	
N-1	Main Gate	53.8	44.2
N-2	Bada Bangarda	52.6	41.9
N-3	Tigri Badshah	51.7	42.6
N-4	Palakhedi	53.4	42.7
	BIENT AIR QUALITY VDARDS w.r.t NOISE	55	45

NABL Certificate No.: TC- 5233

NABET Certificate No.: NABET/EIA/1316/RA002

Make of the Instrument: Lutron

Model & S.No: SL-4010

**Authorized Signatory** 

\*Complaints Register is available at Laboratory.

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## 

ANNEXURE-VI

### NOISE QUALITY REPORT

CLIENT

: Infosys Campus

LOCATION: Super Corridor, Tigri Badshah & Bada Bangarda villages,

Hatod Tehsil, Indore District, Madhya Pradesh

MONTH

: April-2019

### AMBIENT AIR QUALITY DATA

CODE	LOCATION	Day Equivalent (Ld)	Night Equivalent (Ln)
Duratio		M to 10:00 PM PM to 06:00 AM	
N-1	Main Gate	54.2	44.3
N-2	Bada Bangarda	51.5	40.9
N-3	Tigri Badshah	52.6	42.8
N-4	Palakhedi	53.4	43.5
	BIENT AIR QUALITY NDARDS w.r.t NOISE	55	45

NABL Certificate No.: TC- 5233

NABET Certificate No.: NABET/EIA/1316/RA002

Make of the Instrument: Lutron

Model & S.No: SL-4010

**Authorized Signatory** 

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Website: www.bsenvitech.com



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## PARTORES ON THE

## GROUND WATER QUALITY REPORT

CLIENT

: Infosys Campus

LOCATION: Super Corridor, Tigri Badshah & Bada Bangarda villages,

Hatod Tehsil, Indore District, Madhya Pradesh

MONTH

: August - 2019

s.n			RESULT	S	Requir IS 1	ement as per 0500:2012
	TESTS	Bada Bangarda	Tigri Badshah	Palakhedi	Acceptable limits	Permissible limits in absence of alternative source
1	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
2	Taste	Agreeable	Agreeable	Agreeable		
3	Colour (Hazen units)	5	5	5	5	15
4	pH	7.15	7.23	7.28	6.5 to 8.5	No Relaxation
5	Turbidity, NTU	1	1	1	1	5
6	Total Hardness as CaCO <sub>3</sub> , mg/l	210	235	240	200	600
7	Iron as Fe, mg/l	0.09	0.08	0.09	1.0	No Relaxation
8	Chlorides as Cl, mg/l	105	110	120	250	1000
9	Total Dissolved solids@ 105°C, mg/l	698	754	776	500	2000
10	Calcium as Ca, mg/l	46	50	52	75	200
11	Magnesium as Mg, mg/l	23	27	27	30	100
12	Copper as Cu, mg/l	< 0.02	< 0.02	< 0.02	0.05	1.5
13	Manganese as Mn, mg/l	< 0.03	< 0.03	< 0.03	0.1	0.3
14	Sulphate as SO <sub>4</sub> , mg/l	136	158	152	200	400
15	Nitrate as NO <sub>3</sub> , mg/l	20	24	25	45	No Relaxation
16	Fluoride as F, mg/l	1.06	1.02	1.09	1.0	1.5
17	Mercury as Hg, mg/l	< 0.001	< 0.001	< 0.001	0.001	No Relaxation
18	Cadmium as Cd, mg/l	< 0.003	< 0.003	< 0.003	0.003	No Relaxation
19	Selenium as Se, mg/l	< 0.01	< 0.01	< 0.01	0.01	No Relaxation
20	Arsenic as As, mg/l	< 0.01	< 0.01	< 0.01	0.01	No Relaxation
21	Cyanide as CN, mg/l	< 0.02	< 0.02	< 0.02	0.05	No Relaxation
22	Lead as Pb, mg/l	< 0.01	< 0.01	< 0.01	0.01	No Relaxation
23	Zinc as Zn, mg/l	< 0.02	< 0.02	< 0.02	5	15
24	Total Chromium as Cr, mg/l	< 0.02	< 0.02	< 0.02	0.05	No Relaxation
25	Alkalinity as CaCO3, mg/l	230	240	250	200	600
26	Boron as B, mg/l	< 0.10	< 0.10	< 0.10	0.5	2.4
27	Coliform count, MPN /100 ml	Absent	Absent	Absent	Absent	Absent

\*Complaints Register is available at Laboratory.

4th Floor, 'AMITY VILLE', 12-13-1270/71/73,

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ANNEXURE-V

### GROUND WATER QUALITY REPORT

CLIENT

: Infosys Campus

LOCATION: Super Corridor, Tigri Badshah & Bada Bangarda villages,

Hatod Tehsil, Indore District, Madhya Pradesh

MONTH

: April- 2019

			RESULTS			nent as per 00:2012
S.N O	TESTS	Bada Bangarda	Tigri Badshah	Palakhedi	Acceptable limits	Permissible limits in absence of alternative source
$\frac{1}{1}$	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
2	Taste	Agreeable	Agreeable	Agreeable		
3	Colour (Hazen units)	5	5	5	5	15
4	pН	7.02	7.09	7.08	6.5 to 8.5	No Relaxation
5	Turbidity, NTU	1	1	1	1	5
6	Total Hardness as CaCO3, mg/l	150	165	170	200	600
7	Iron as Fe, mg/l	0.07	0,09	0.08	1.0	No Relaxation
8	Chlorides as Cl, mg/l	. 85	80	90	250	1000
9	Total Dissolved solids@ 105°C, mg/l	640	646	620	500	2000
10	Calcium as Ca, mg/l	40	38	42	75	200
11	Magnesium as Mg, mg/l	12.2	17.1	15.9	30	100
12	Copper as Cu, mg/l	< 0.02	< 0.02	< 0.02	0.05	1.5
13	Manganese as Mn, mg/l	< 0.03	< 0.03	< 0.03	0.1	0,3
14	Sulphate as SO <sub>4</sub> , mg/l	142	138	130	200	400
15	Nitrate as NO <sub>3</sub> , mg/l	18	20	22	45	No Relaxation
16	Fluoride as F, mg/l	1.02	0.98	1.03	1.0	1.5
17	Mercury as Hg, mg/l	< 0.001	< 0.001	< 0.001	0.001	No Relaxation
18	Cadmium as Cd, mg/l	< 0.003	< 0.003	< 0.003	0.003	No Relaxation
19	Selenium as Se, mg/l	< 0.01	< 0.01	< 0.01	0.01	No Relaxation
20	Arsenic as As, mg/l	< 0.01	< 0.01	< 0.01	0.01	No Relaxation
21	Cyanide as CN, mg/1	< 0.02	< 0.02	< 0.02	0.05	No Relaxation
22	Lead as Pb, mg/l	< 0.01	< 0.01	< 0.01	0.01	No Relaxation
23	Zinc as Zn, mg/l	< 0.02	< 0.02	< 0.02	5	15
24	Total Chromium as Cr. mg/l	< 0.02	< 0.02	< 0.02	0.05	No Relaxation
25	Alkalinity as CaCO <sub>3</sub> , mg/l	210	220	195	200	600
26	Boron as B, mg/1	< 0.10	< 0.10	< 0.10	0.5	2.4
27	Coliform count, MPN /100 ml	Absent	Absent	Absent	Absent	Absent

\*Complaints Register is available at Laboratory.

4th Floor, 'AMITY VILLE', 12-13-1270/71/73,

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## B.S. EWI - TECH PVT. LTD.

Recognized by MoEF & CC, Gol: Valid upto August, 2022

## FIESTAREPORT

### SOIL QUALITY REPORT

CLIENT

: Infosys Campus

LOCATION: Super Corridor, Tigri Badshah & Bada Bangarda villages.

Hatod Tehsil, Indore District, Madhya Pradesh

MONTH

: August - 2019

	PARAMETERS	Main Gate	Bada Bangarda	Tigri Badshah	Palakhedi
1	pH.	7.61	7.54	7.91	7.84
2	Electrical conductivity (micro mhos)	136	164	175	216
3	Total soluble salts, mg/kg	180	210	230	280
4	Available Nitrogen kg /Hac	223	282	295	329
5	Phosphorous as P <sub>2</sub> O <sub>5</sub> kg /Hac	25	30	39	56
6	Potassium as K <sub>2</sub> O kg /Hac	148	192	228	284
7	Sodium as Na <sub>2</sub> O (mg/kg)	250	295	320	342
8	Calcium as Ca (mg/kg)	2685	3026	3186	3246
9	Magnesium as Mg (mg/kg)	182	268	328	365
10	Chlorides as Cl (mg/kg)	40	45	50	60
11	Organic carbon (%)	0.42	0.49	0.52	0.62
	· ·	Sandy	Clay	Sandy	Clay
	Texture	Clay Loam	Loam	Clay	Loam
12				Loam	
	Sand (%)	56	43	47	39
	Silt (%)	19	24	22	26
	Clay (%)	25	33	31	35

**Authorised Signatory** 

\*Complaints Register is available at Laboratory.

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Recognized by MoEF & CC, Gol: Valid upto August, 2022

### ANNEXURE-IV

### SOIL QUALITY REPORT

CLIENT

: Infosys Campus

LOCATION: Super Corridor, Tigri Badshah & Bada Bangarda villages,

Hatod Tehsil, Indore District, Madhya Pradesh

**MONTH** 

: April-2019

S. No	PARAMETERS	Main Gate	Bada Bangarda	Tigri Badshah	Palakhedi
1	pH	7.50	7.70	7.96	7.64
2	Electrical conductivity (micro mhos)	118	176	189	238
3	Total soluble salts, mg/kg	160	230	240	300
4	Available Nitrogen kg /Hac	210	260	273	307
5	Phosphorous as P <sub>2</sub> O <sub>5</sub> kg /Hac	19	24	27	46
6	Potassium as K <sub>2</sub> O kg /Hac	124	176	184	248
7	Sodium as Na <sub>2</sub> O (mg/kg)	232	268	286	308
8	Calcium as Ca (mg/kg)	2465	2846	2966	3126
9	Magnesium as Mg (mg/kg)	158	207	255	292
10	Chlorides as Cl (mg/kg)	35	50	50	65
11	Organic carbon (%)	0.38	0.45	0.48	0.54
	Texture	Sandy Clay Loam	Clay Loam	Sandy Clay Loam	Clay Loam
12	Sand (%)	59	43	49	36
	Silt (%)	18	23	21	26
	Clay (%)	23	34	30	38

**Authorised Signatory** 

\*Complaints Register is available at Laboratory.

4th Floor, 'AMITY VILLE', 12-13-1270/71/73,

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