

Date: 3rd June 2019

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

भारत सरकार /Govt. of India
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min. of Environment, Forests & Climate Change
बेज नं. 24-25, सेक्टर 31-ए
Bays No.24-25, Sec-31 A
चण्डीगढ़/Chandigarh

*Received
4/6/19*

Sub: Submission of Six Monthly Progress Report

Sir,

In response to the above mentioned subject, please find attached Six Monthly Progress Report for the period of October 2018 to March 2019. Infosys has not undertaken any construction work during this period, hence no workers were employed for the same.

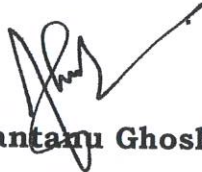
Please find attached the latest reports for Ambient Air Quality, Noise levels and Stack Monitoring Report. Ground Water report is not applicable for us as we are not withdrawing any ground water. We get the monthly checking of the environmental parameters done and a calendar is maintained for the same.

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

This information is correct to the best of our knowledge.

Thanking You,

For Infosys Limited,



Shantanu Ghosh

Regional Manager - Facilities

INFOSYS LIMITED

CIN: L85110KA1981PLC013115

Plot No. 1

Rajiv Gandhi Technology Park

Chandigarh 160 101, India

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F 91 172 504 6860

Corporate Office:

44, Infosys Avenue

Electronics City, Hosur Road

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www.infosys.com

**MINISTRY OF ENVIRONMENT & FORESTS
REGIONAL OFFICE: CHANDIGARH**

DATA - SHEET

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

| | | | | |
|----|---|--|-------------------------------------|------------------------------|
| b) | Allocation made for environmental management plane. With item wise & year wise break up. | Sr.No | Area | Investment (In. Lakh Rs.) |
| | | 1 | Horticultural activity | 0.58 |
| | | 2 | Energy efficient burners in Kitchen | 35 |
| c) | Benefit cost ratio/internal rate of return and the year of assessment. | Turn over for the period of October'18 to March'19 was Rs. 1,364.60 Crores Benefit cost ratio/internal rate of return is not available. | | |
| d) | Whether © includes the cost of environmental management as shown in (b) above. | Not Applicable | | |
| e) | Actual expenditure incurred on the project so far. | Rs. 321.40 Crores (total Investment as on 31st March, 2019) | | |
| f) | Actual expenditure incurred on the environmental management plane so far. | 35.58 Lacs incurred on the Environmental management plan in 2017-18 | | |
| 10 | Forest land requirement : | Not Applicable | | |
| a) | The status of approval for a diversion of forest land for forest use. | | | |
| b) | The status of compensatory about afforestation, If any | | | |
| c) | The status of clear felling. | | | |
| d) | Comment on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far. | | | |
| 11 | The status of clear felling in non forest area (such as submergence area of reservoir, approach roads), if any with quantitative information. | Not applicable | | |
| 12 | Status of construction | | | |
| a) | Date of commencement (actual and/ planned) | December 2004 | | |
| b) | Date of completion (actual and/ planned) | May, 2008 | | |
| 13 | Reason for the delay if the project is yet to start. | Not Applicable | | |

Environmental Clearance Compliance

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

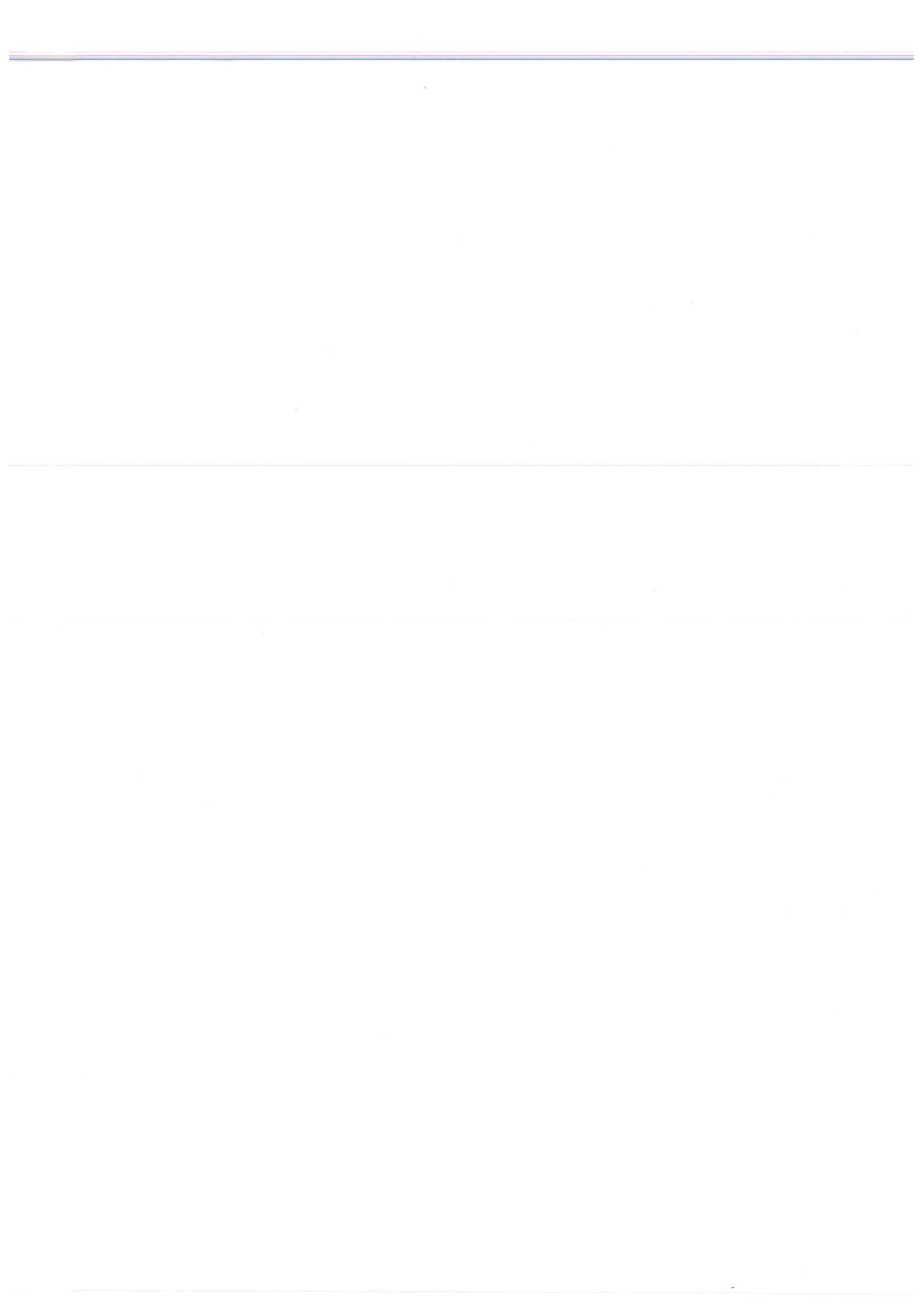
EC letter no-J-12011/23/2005-IA (CIE) dated 20.09.2005

| Specific Conditions | Status | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|--|--|---|-------------------------------------|--|--|---|--|--|---|-------------------------------------|--|--|-----|-----|----|----|---|-----|--------------------|----|-----|----|-----|-----|-----|--------------|----|-----|----|-----|-----|-----|------------------------|----|-----|----|-----|-----|-----|--------------|----|-----|----|-----|-----|-----|-------------|----|-----|----|-----|-----|
| Construction phase | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout construction phase | Complied. All required sanitary and hygienic measures (toilets, canteen etc.) were provided for construction work force. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site | The soil excavated during construction activities is used for levelling the areas within the project site | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Disposal of muck including excavated material during construction phase should not create any diverse effects on the neighboring communities and disposed of taking the necessary precautions for general safety and health aspects | Muck was disposed safely in designated and authorized malba dumping area | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Use of diesel generators during construction phase should be enclosed type and should confirm to EPA rules prescribed for air and noise emission standards. | Low sulphur diesel was used in DG during the construction phase | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Vehicles hired for bringing construction material at site should be in good condition and should confirm to applicable air and noise emission standards and should be operated only during non-peaking hours. | All vehicles were checked and only good condition vehicles were used for the movement of construction materials. Vehicle movement happened only during non-peak hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase | <table border="1"> <thead> <tr> <th rowspan="2">Station Code</th> <th rowspan="2">AAQM Station</th> <th colspan="5">Average Pollutant Concentration ($\mu\text{g}/\text{m}^3$)</th> </tr> <tr> <th>RSPM (24hr.) ($\mu\text{g}/\text{m}^3$)</th> <th>SPM (24hr.) ($\mu\text{g}/\text{m}^3$)</th> <th>SO₂ (24hr.) ($\mu\text{g}/\text{m}^3$)</th> <th>NO_x (24hr) ($\mu\text{g}/\text{m}^3$)</th> <th>CO (8hr) (mg/m^3)</th> </tr> </thead> <tbody> <tr> <td colspan="2">CPCB limits for ambient air concentrations in residential, rural and other areas</td> <td>100</td> <td>200</td> <td>80</td> <td>80</td> <td>2</td> </tr> <tr> <td>A 1</td> <td>Mansa Devi Complex</td> <td>33</td> <td>117</td> <td><8</td> <td><10</td> <td>BDL</td> </tr> <tr> <td>A 2</td> <td>Manav Colony</td> <td>30</td> <td>117</td> <td><8</td> <td><10</td> <td>BDL</td> </tr> <tr> <td>A 3</td> <td>Kishangarh Govt School</td> <td>29</td> <td>115</td> <td><8</td> <td><10</td> <td>BDL</td> </tr> <tr> <td>A 4</td> <td>Infosys site</td> <td>27</td> <td>115</td> <td><8</td> <td><10</td> <td>BDL</td> </tr> <tr> <td>A 5</td> <td>Subhasnagar</td> <td>28</td> <td>117</td> <td><8</td> <td><10</td> <td>BDL</td> </tr> </tbody> </table> | Station Code | AAQM Station | Average Pollutant Concentration ($\mu\text{g}/\text{m}^3$) | | | | | RSPM (24hr.) ($\mu\text{g}/\text{m}^3$) | SPM (24hr.) ($\mu\text{g}/\text{m}^3$) | SO ₂ (24hr.) ($\mu\text{g}/\text{m}^3$) | NO _x (24hr) ($\mu\text{g}/\text{m}^3$) | CO (8hr) (mg/m^3) | CPCB limits for ambient air concentrations in residential, rural and other areas | | 100 | 200 | 80 | 80 | 2 | A 1 | Mansa Devi Complex | 33 | 117 | <8 | <10 | BDL | A 2 | Manav Colony | 30 | 117 | <8 | <10 | BDL | A 3 | Kishangarh Govt School | 29 | 115 | <8 | <10 | BDL | A 4 | Infosys site | 27 | 115 | <8 | <10 | BDL | A 5 | Subhasnagar | 28 | 117 | <8 | <10 | BDL |
| Station Code | AAQM Station | | | Average Pollutant Concentration ($\mu\text{g}/\text{m}^3$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | RSPM (24hr.) ($\mu\text{g}/\text{m}^3$) | SPM (24hr.) ($\mu\text{g}/\text{m}^3$) | SO ₂ (24hr.) ($\mu\text{g}/\text{m}^3$) | NO _x (24hr) ($\mu\text{g}/\text{m}^3$) | CO (8hr) (mg/m^3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CPCB limits for ambient air concentrations in residential, rural and other areas | | 100 | 200 | 80 | 80 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A 1 | Mansa Devi Complex | 33 | 117 | <8 | <10 | BDL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A 2 | Manav Colony | 30 | 117 | <8 | <10 | BDL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A 3 | Kishangarh Govt School | 29 | 115 | <8 | <10 | BDL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A 4 | Infosys site | 27 | 115 | <8 | <10 | BDL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A 5 | Subhasnagar | 28 | 117 | <8 | <10 | BDL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Construction spoils including bituminous material and other HAZARDOUS MATERIALS MUST NOT BE ALLOWED TO CONTAMINATE WATERCOURSES AND DUMP SITES FOR SUCH MATERIAL MUST be secured so that they should not leach into ground water. | Construction material was disposed safely in designated and authorized malba dumping area Adequate care was taken so as not to cause any adverse impacts on the environment. Construction spoils are used in the construction of roads. No bituminous material was used for road construction. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Regular supervision of the above and other measures should be in place all through the construction phase as to avoid disturbance to the surroundings | Complied | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operation phase | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 1. Installation of STP should be certified by an independent expert and should submit a report in this regard to the ministry before the project is commissioned for operation. | STP of 750 KLD has been installed inside for the treatment of the sewerage produced. Presently utilizing 250 KLD and reusing the same in landscaping area and into flushing system. Treated sewage water is tested on a monthly basis and is meeting the CPCC norms as below. Report is attached herewith. | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------|--------------------|----------------|------------------|------------------|------------|-----|----------|----------------|---------|--------------------|---------|--------|---|----|---|--------|---|---|---|
| 2. Water harvesting system and energy conservation measures like installation of solar panels for lighting the areas outside the building should be an integral part of the project design and should be in place before project commissioning | Rain Water Harvesting system of 100 KL has been installed inside the campus for harvest and it is re used in campus for domestic purposes after filtration through filter material. No solar panels installed. We have utilized 2332.7 KL rain water into system in 2018-19. We have installed 15 numbers of injection well of 20 KL capacity each. | | | | | | | | | | | | | | | | | | | | |
| 3. Noise barriers will be provided at appropriate locations as to ensure that the noise levels do not exceed the prescribed standards | <p>DG and Chillers is of enclosed type which helps in control of Noise levels as per the prescribed standards. Insertion loss is of 25.4 dB (A) for inside and outside the DG room.</p> <table border="1" data-bbox="738 696 1485 757"> <thead> <tr> <th>Inside</th> <th>Outside</th> <th>Insertion Loss</th> </tr> </thead> <tbody> <tr> <td>96.8 dB(A)</td> <td>71.4 dB(A)</td> <td>25.4 dB(A)</td> </tr> </tbody> </table> | Inside | Outside | Insertion Loss | 96.8 dB(A) | 71.4 dB(A) | 25.4 dB(A) | | | | | | | | | | | | | | |
| Inside | Outside | Insertion Loss | | | | | | | | | | | | | | | | | | | |
| 96.8 dB(A) | 71.4 dB(A) | 25.4 dB(A) | | | | | | | | | | | | | | | | | | | |
| 4. Any hazardous waste including E waste should be disposed as per applicable rules and norms with necessary approvals of the CPCC, Chandigarh | <p>E waste and other hazardous waste is being disposed as per the rules of HW management rules and authorization. Yes, authorization is obtained from CPCC for disposal of hazardous waste and biomedical waste and is handed over to a CPCC authorized vendor. Agreements with the Biomedical and E waste vendors are in place. Validity of Hazardous waste authorization is 31.01.2021 and one time Biomedical authorization with no validity.</p> | | | | | | | | | | | | | | | | | | | | |
| 5. DG sets proposed as backup power should be of enclosed type and confirm to EPA rules as prescribed for air and noise standards as per CPCB guidelines. Exhaust will be taken 4 meters above the roof top. | <p>DG sets is of enclosed type and the stack is provided 4 meters above the roof top Insertion loss is of 25.4 dB (A) for inside and outside the DG room.</p> <table border="1" data-bbox="738 1088 1485 1149"> <thead> <tr> <th>Inside</th> <th>Outside</th> <th>Insertion Loss</th> </tr> </thead> <tbody> <tr> <td>96.8 dB(A)</td> <td>71.4 dB(A)</td> <td>25.4 dB(A)</td> </tr> </tbody> </table> | Inside | Outside | Insertion Loss | 96.8 dB(A) | 71.4 dB(A) | 25.4 dB(A) | | | | | | | | | | | | | | |
| Inside | Outside | Insertion Loss | | | | | | | | | | | | | | | | | | | |
| 96.8 dB(A) | 71.4 dB(A) | 25.4 dB(A) | | | | | | | | | | | | | | | | | | | |
| 6. STP has been designed to treat the wastewater from IT Park. As proposed the wastewater will be treated to tertiary level and after treatment should be used for flushing of toilets and gardening. Discharge of treated sewage shall confirm to the norms and standards of the CPCC. | <p>STP of SBR has been designed for the treatment of Waste water. Treated water is being used for gardening purpose. Treated water is under the norms and standards as prescribed by CPCC:</p> <table border="1" data-bbox="738 1290 1485 1473"> <thead> <tr> <th>Parameters</th> <th>Permissible limits</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>5.5-9.0</td> </tr> <tr> <td>Suspended Solids</td> <td>600 mg/l</td> </tr> <tr> <td>BOD</td> <td>350 mg/l</td> </tr> <tr> <td>Oil and Grease</td> <td>20 mg/l</td> </tr> <tr> <td>Ammonical Nitrogen</td> <td>50 mg/l</td> </tr> </tbody> </table> | Parameters | Permissible limits | pH | 5.5-9.0 | Suspended Solids | 600 mg/l | BOD | 350 mg/l | Oil and Grease | 20 mg/l | Ammonical Nitrogen | 50 mg/l | | | | | | | | |
| Parameters | Permissible limits | | | | | | | | | | | | | | | | | | | | |
| pH | 5.5-9.0 | | | | | | | | | | | | | | | | | | | | |
| Suspended Solids | 600 mg/l | | | | | | | | | | | | | | | | | | | | |
| BOD | 350 mg/l | | | | | | | | | | | | | | | | | | | | |
| Oil and Grease | 20 mg/l | | | | | | | | | | | | | | | | | | | | |
| Ammonical Nitrogen | 50 mg/l | | | | | | | | | | | | | | | | | | | | |
| 7. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open space inside the plot should be suitably landscaped and covered with vegetation of indigenous variety. | <p>Planted and in progress. Preference is given to planting of rare, indigenous, threatened and endangered species.</p> <table border="1" data-bbox="738 1597 1485 1906"> <thead> <tr> <th>Month</th> <th>Shrubs</th> <th>Big trees</th> <th>Total plantation</th> </tr> </thead> <tbody> <tr> <td>Oct-18</td> <td>100</td> <td>0</td> <td>0</td> </tr> <tr> <td>Nov-18</td> <td>2</td> <td>0</td> <td>0</td> </tr> <tr> <td>Dec-18</td> <td>0</td> <td>16</td> <td>0</td> </tr> <tr> <td>Jan-19</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Month | Shrubs | Big trees | Total plantation | Oct-18 | 100 | 0 | 0 | Nov-18 | 2 | 0 | 0 | Dec-18 | 0 | 16 | 0 | Jan-19 | 0 | 0 | 0 |
| Month | Shrubs | Big trees | Total plantation | | | | | | | | | | | | | | | | | | |
| Oct-18 | 100 | 0 | 0 | | | | | | | | | | | | | | | | | | |
| Nov-18 | 2 | 0 | 0 | | | | | | | | | | | | | | | | | | |
| Dec-18 | 0 | 16 | 0 | | | | | | | | | | | | | | | | | | |
| Jan-19 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------|------------|-----------|-----------|
| Feb-19 | 0 | 5 | 0 |
| Mar-19 | 0 | 46 | 46 |
| Total | 102 | 67 | 46 |

| | |
|---|---|
| 8. Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commission of the project. | Environmental monitoring including noise, air water quality is being monitored periodically. Ambient noise levels are below 70 dB during night time and below 75 dB during day time |
| 9. Provision of rain water harvesting has been made in the proposal. RWH system should be operational for recharging of aquifers before project commissioning. The project should regularly monitor ground water levels and deterioration of ground water. | Rain Water Harvesting system of 100 KL has been installed inside the campus for harvest and it is re used in campus for domestic purposes after filtration through filter material. We have utilized 2332.7 KL rain water into system in 2018-19. We have installed 15 numbers of injection well of 20 KL capacity each. |
| 10. Care shall be taken to ensure energy conservation during the construction period as well as in the design and layout of the buildings apart from use of solar energy as indicated in the report. | Noted and complied |
| 11. In addition to the solar energy used for common lightings, lighting for gardens and street lighting provision shall be made for solar water heating. | Solar power generation system of 200 KW has been installed and operational in our campus in the month of September 2016. A result of Japanese-German collaboration, this state of the art, automated and highly adaptive system, works on direct sunlight as well as radiation based technology which will help in generation of significant power during the winter season also. <ul style="list-style-type: none"> • Plant Rating - 200 KW • Solar Plant Technology – HIT (Hetrojunction with Intrinsic thin Layer) • Solar Panel Capacity – 325 W Each • Total Numbers of Solar Panels Installed – 624 No's. • Average Power Generation Capacity - 1050 Units Per Day The power from same source is being utilized in internal lighting in our buildings. This is a step towards usage of renewable resource, in turn leading to reduction on Grid power load. |
| 12. Adequate measures shall be taken to avoid any traffic congestion near the entry and exit points from the road adjoining the proposed project site. | Sufficient parking facilities are provided within our premises. Road widened near the exit / entry points to avoid the traffic congestion. No public space is utilized for the parking. |
| 13. The thermal efficiency of the buildings coming in the SEZ should be regulated to achieve desired R & U factors to make them energy efficient. A detailed report on measures proposed to taken both in the SEZ as well as the constructions coming up within the SEZ complex should be prepared and submitted to the Ministry in 3 months. | Infosys is an ISO 14001 compliant company. The building has been designed to conserve energy. The shape will minimize the requirement for air conditioning at the same time it will give ample natural light to further reduce dependence on lighting. The exterior finish is reflective blue tinted glass (reducing the requirement for bricks). The exterior finish of the service block will be hollow concrete blocks. Automatic water dispensing systems are being installed in the building. All water will be treated and used for irrigation as much as possible. Solar water heating systems will be installed for the Service block to save power. Energy efficient transformers and air conditioning systems are being installed. Energy efficient computer screens and paper saving printers (dual side printing) will be installed. <ul style="list-style-type: none"> • R-value of wall is 1.8 m2K/W |




| | |
|--|---|
| | <ul style="list-style-type: none"> • U-value of wall is 0.55 W/m² K • U-value of glass is 1.6 to 1.8 W/m² K |
| 14. A landscape plan for the entire project area should be prepared for the implementation. Development of shelter may be taken up in appropriate directions around the project area on the prevailing wind direction. Details of the proposed plan should be submitted to the ministry in 3 months. | Noted and complied |
| 15. Environment management cell should be established to implement the environment management plan and carry out the environmental monitoring. | Noted and environmental monitoring is being done regularly. |
| General conditions | |
| 1. The Environmental safeguards contained in the application should be implemented in letter and spirit. | Agreed and followed We are certified to ISO14001 and OHSAS18001 standards. Infosys is the first IT company in the world to publish its sustainability report based on the latest Global Reporting Initiative (GRI) G4 comprehensive framework. GRI is the most widely respected sustainability reporting framework, worldwide. |
| 2. Provision should be made for the supply of kerosene or cooking gas/pressure cooker to the laborers during construction phase | Provided during the construction |
| 3. All the labors to be engaged for construction work should be screened for heat and adequately treated before the issue of work permits | Noted and complied |
| 4. Financial provisions should be made by the project proponent in the total budget of the project for implementation of suggested safeguard measures. | Complied |
| 5. Six monthly monitoring report should be submitted to the ministry and its regional office, Chandigarh. | Being complied. Submitted regularly |
| 6. Officials from Regional Office of MoEF, Chandigarh who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the document submitted to should be forwarded to the CCF, Regional office of MoEF, Chandigarh. | Agreed and is followed |
| 7. The responsibility of Implementation of environmental safeguards rests fully with the Director, Information technology, Chandigarh Administration, Chandigarh | Noted |
| 8. In the case of any charge(s) in the scope of the project, the project would require a fresh appraisal by this Authority. | No changes implemented so far. For any further changes, prior clearance will be obtained |
| 9. The ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provision of the Environmental (Protection) Act, 1986, to ensure | Noted |

| | |
|--|---|
| effective implementation of the suggested safeguard measures in a time bound and satisfactory manner. | |
| 10. All other statutory clearances such as the approval for storage of diesel from Chief Controller of Explosive, and other approvals shall be obtained by project proponents from the competent authorities. | HSD license from Chief Controller from explosives have been taken vide letter no-P/NC/CH/15/52(P144102) valid till 30.12.2027. |
| 11. A copy of the environmental clearance letter would be marked to the local NGO if any, from whom suggestion/representation were received at the time of public hearing | Noted |
| 12. A copy of the environmental clearance letter should be displayed at the Regional Office, Chandigarh and the office of the CPCC, Chandigarh | Noted |
| 13. The project proponent should advertise in at least two local Newspapers widely circulated in the region, One of which shall be in the vernacular language informing that the project as been accorded Environmental Clearance and copies of clearance letters are available with Chandigarh Pollution control committee, Chandigarh. The advertisement should be made within 7 days from the day of issue of the Regional Office of the MoEF at Chandigarh | Done during the initial stage |
| 14. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) act 1974, the air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the public Liability (Insurance) Act, 1991 and EIA Notification, 2006. | Accepted. We are complying with all the rules and regulations laid against our project. We have obtained the following consent from the authorities <ul style="list-style-type: none"> - Water and air consent from CPCC-valid till 31.01.2027 - Hazardous waste consent from CPCC-valid till 31.01.2021 - Biomedical waste authorization from CPCC-one time authorization - HSD storage license from Chief controller of Explosives –valid till 31.12.2027 |
| 15. The project proponent should acknowledge the receipt of the environmental clearance letter and convey their occurrence to the conditions stipulated above within 15 days from the date of issue of this letter. In case there is no response from the proponent, it would be deemed to have been agreed to. | Noted. |

| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903260721 |
| | NABL ULR No. :TC592619000006781P |
| | Sample Reg. Date :26-03-2019 |
| | Report Date :03-04-2019 |
| | Customer Ref. No. :- |
| | Letter Dated :- |

| | |
|---------------------------------|-------------------------------|
| Test Report as per IS:NA | With Amendment No.(s): |
|---------------------------------|-------------------------------|

PART A : PARTICULARS OF SAMPLE SUBMITTED

| | | |
|-----|--|--|
| a)) | Nature of Sample | STP Inlet Water |
| b) | Grade / Variety / Type / Class / Size etc. | NA |
| c) | Brand Name | NA |
| d) | Declared Values,if any | NA |
| e) | Code No. |  |
| f) | Batch Number | NA |
| g) | D.O.M | NA |
| h) | Date of Expiry | NA |
| i) | Sample Quantity | 2 Ltr+500ml+100ml |
| j) | Batch Size/Location | NA |
| k) | Mode of Packing | Packed in a can & in bottles |
| l) | Date of Receipt | 26-03-2019 |
| m) | Date of Start | 26-03-2019 |
| n) | Date of Completion | 03-04-2019 |
| o) | Seal (Intact/Not Intact/Unsealed) | NA |
| p) | IO'S Signature (Signed/Unsigned) | Unsigned |
| q) | Any Other Information | Sample collected by lab rep. on 25.03.2019 |
| r) | Test Request Submitted By | Infosys Limited-Chandigarh (Chandigarh) |
| s) | Manufactured By | NA |
| t) | Supplied By | NA |

PART B : SUPPLIMENTARY INFORMATIONS

| | | |
|----|--|-------|
| a. | Reference to sampling procedure, whenever applicable | : N/A |
|----|--|-------|


03-04-2019
Udayveer Singh
[Tech Manager (Micro.)]


Saurabh Sharma
03-04-2019
Reviewer


03-04-2019
Prem Kumar
[Tech Manager]

Disclaimer:

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

Test Report

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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903260721 |
| | NABL ULR No. :TC592619000006781P |
| | Sample Reg. Date :26-03-2019 |
| | Report Date :03-04-2019 |
| | Customer Ref. No.:- |
| | Letter Dated :- |

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

c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any : N/A

PART C : TEST RESULTS

| S.No. | Test Parameter | Method | Requirement | Result |
|-----------------------|--|--------------------------------------|-------------|----------------|
| Test Details : | | | | |
| 1. | Description | | | |
| a. | Description | STP Inlet Water | | |
| 2. | Organoleptic & Physical Parameter | | | |
| a. | Turbidity(NTU) | IS 3025 (Part 10) | | 398 |
| 3. | General Parameters | | | |
| a. | Colour | IS:3025(Part4):1983(RA:2017)amd. no1 | | Greyish |
| b. | pH Value | IS:3025 (Part - 11):1983(RA:2017) | | 6.83 |
| c. | Total Suspended Solids,(mg/L) | IS:3025(Part 17) | | 216 |
| d. | Total Dissolved Solids,(mg/L) | IS:3025(Part 16):1984(RA.2006) | | 1788 |
| e. | Chemical Oxygen Demand(mg/l) | APHA-23rd Edition | | 660 |
| f. | Bio-chemical Oxygen Demand(mg/l)(3 days at 27°C) | IS:3025(P-44) | | 243 |
| g. | Oil & Grease(mg/l) | IS:3025(P-39) | | 15.2 |
| h. | Total Residual Chlorine(mg/l) | IS:3025(P-26) | | BLQ(LOQ : 0.1) |
| i. | Ammonical Nitrogen(As N)(mg/l) | APHA-23rd Edition Guidelines | | 14.6 |
| j. | Total Kjeldahi Nitrogen (as N) | APHA-23rd Edition Guidelines | | 65.4 |
| k. | Silica as SiO ₂ (mg/l) | APHA-23rd Edition | | 3.12 |
| 4. | Microbiological Tests | | | |
| a. | E.Coli/100 ml * | APHA-23 rd Edn 17-9221 F | | > 1600 |

** represents categories/test parameters not covered under NABL | *** represents outsource sample

Udayveer Singh
03-04-2019
Udayveer Singh
[Tech Manager (Micro.)]

Saurabh Sharma
Saurabh Sharma
03-04-2019
Reviewer

Prem Kumar
03-04-2019
Prem Kumar
[Tech Manager]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825,
Visit us: www.itclabs.com E-mail : customersupport@itclabs.com

Disclaimer:

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

Test Report

Document QF : 2501

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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903260721 NABL ULR No. :TC592619000006781P Sample Reg. Date :26-03-2019 Report Date :03-04-2019 Customer Ref. No.:- Letter Dated :- |
|--|---|

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

PART D : REMARKS :N/A

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


03-04-2019
Udayveer Singh
[Tech Manager (Micro.)]


Saurabh Sharma
03-04-2019
Reviewer


03-04-2019
Prem Kumar
[Tech Manager]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825,
Visit us: www.itclabs.com E-mail : customersupport@itclabs.com

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Test Report

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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903260722 NABL ULR No. :TC592619000006783P Sample Reg. Date :26-03-2019 Report Date :03-04-2019 Customer Ref. No.:- Letter Dated :- |
|--|---|

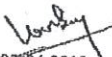
| | |
|---|-------------------------------|
| Test Report as per IS:EPA Act 1986/PCLS/2010 | With Amendment No.(s): |
|---|-------------------------------|


PART A : PARTICULARS OF SAMPLE SUBMITTED

| | |
|---|--|
| a)) Nature of Sample | STP Outlet Water |
| b) Grade / Variety / Type / Class / Size etc. | NA |
| c) Brand Name | NA |
| d) Declared Values,if any | NA |
| e) Code No. |  |
| f) Batch Number | NA |
| g) D.O.M | NA |
| h) Date of Expiry | NA |
| i) Sample Quantity | 2 Ltr+500ml+100ml+1 Ltr |
| j) Batch Size/Location | NA |
| k) Mode of Packing | Packed in a can & in bottles |
| l) Date of Receipt | 26-03-2019 |
| m) Date of Start | 26-03-2019 |
| n) Date of Completion | 03-04-2019 |
| o) Seal (Intact/Not Intact/Unsealed) | NA |
| p) IO'S Signature (Signed/Unsigned) | Unsigned |
| q) Any Other Information | Sample collected by lab rep. on 25.03.2019 |
| r) Test Request Submitted By | Infosys Limited-Chandigarh (Chandigarh) |
| s) Manufactured By | NA |
| t) Supplied By | NA |

PART B : SUPPLIMENTARY INFORMATIONS

| | |
|---|-------|
| a. Reference to sampling procedure, whenever applicable | : N/A |
|---|-------|


03-04-2019
Udayveer Singh
[Tech Manager (Micro.)]


Saurabh Sharma
03-04-2019
Reviewer


03-04-2019
Prem Kumar
[Tech Manager]

Disclaimer:

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4. If sample is not consumed during analysis, it will be stored as per SOP of controlled sample management.

| | |
|--|---|
| Issued To Infosys Limited Plot No.-1, Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903260722 |
| | NABL ULR No. :TC592619000006783P |
| | Sample Reg. Date :26-03-2019 |
| | Report Date :03-04-2019 |
| | Customer Ref. No.:- |
| | Letter Dated :- |

| | | |
|----|--|-------|
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any | : N/A |

PART C : TEST RESULTS

| S.No. | Test Parameter | Method | Requirement | Result |
|-----------------------|--|--------------------------------------|---------------|----------------|
| Test Details : | | | | |
| 1. | Description | | | |
| a. | Description | STP Outlet Water | | |
| 2. | Organoleptic & Physical Parameter | | | |
| a. | Turbidity(NTU) | IS:3025(Part 10):1984(RA:2017) | Not Specified | < 1.0 |
| 3. | General Parameters | | | |
| a. | Colour | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b. | pH Value | IS:3025 (Part - 11):1983(RA:2017) | 5.5-9 | 7.49 |
| c. | Total Suspended Solids,(mg/L) | IS:3025(Part 17) | Max. 100 | 18 |
| d. | Total Dissolved Solids,(mg/L) | IS:3025(Part 16):1984(RA.2006) | Max. 2100-- | 944 |
| e. | Chemical Oxygen Demand(mg/l) | APHA-23rd Edition | Max. 250 | 36 |
| f. | Bio-chemical Oxygen Demand(mg/l)(3 days at 27°C) | IS:3025(P-44) | Max. 30 | 14 |
| g. | Oil & Grease(mg/l) | IS:3025(P-39) | Max. 10 | 0.2 |
| h. | Total Residual Chlorine(mg/l) | IS:3025(P-26) | Max. 1.0 | BLQ(LOQ : 0.1) |
| i. | Ammonical Nitrogen(As N)(mg/l) | APHA-23rd Edition Guidelines | Max. 50 | 1.1 |
| j. | Total Kjeldahi Nitrogen (as N) | APHA-23rd Edition Guidelines | Max. 100 | 3.4 |
| k. | Silica as SiO2(mg/l) | APHA-23rd Edition | Not Specified | 1.86 |
| 4. | Microbiological Tests | | | |
| a. | Faecal Coliform/100ml * | APHA-23 rd Edn 17-9221 F | Max. 1000 | <1.8 |
| b. | E.Coli/100 ml * | APHA-23 rd Edn 17-9221 F | Absent | <1.8 |

Udayveer Singh
03-04-2019
Udayveer Singh
[Tech Manager (Micro.)]

Saurabh Sharma
Saurabh Sharma
03-04-2019
Reviewer

Prem Kumar
03-04-2019
Prem Kumar
[Tech Manager]

Disclaimer:

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

Test Report

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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh- 160101 Chandigarh | Report No. :E01-1903260722 NABL ULR No. :TC592619000006783P Sample Reg. Date :26-03-2019 Report Date :03-04-2019 Customer Ref. No.:- Letter Dated :- |
|--|---|


** represents categories/test parameters not covered under NABL | *** represents outsource sample

NOTE : NA- Not Applicable, BLQ :- Below Limit of Quantification, LOQ :- Limit of Quantification, Requirement as per EPA 1986/PCLS/2010,

PART D : REMARKS :N/A

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


03-04-2019
Udayveer Singh
[Tech Manager (Micro.)]


Saurabh Sharma
03-04-2019
Reviewer


03-04-2019
Prem Kumar
[Tech Manager]

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4. If sample is not consumed during analysis, it will be stored as per SOP of controlled sample management.


Test Report

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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :F01-1903261523 Sample Reg. Date :26-03-2019 Report Date :02-04-2019 Customer Ref. No.: Letter Letter Dated :25-03-2019 |
|--|---|

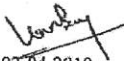
| | |
|-----------------------------------|-----------------------------------|
| Test Report as per IS :N/A | With Amendment No.(s): N/A |
|-----------------------------------|-----------------------------------|

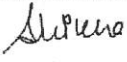
PART A : PARTICULARS OF SAMPLE SUBMITTED

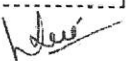
| | | |
|----|--|--|
| a) | Nature of Sample | Chicken |
| b) | Grade / Variety / Type / Class / Size etc. | N/A |
| c) | Brand Name | NA |
| d) | Declared Values,if any | N/A |
| e) | Code No. |  |
| f) | Batch Number | NA |
| g) | D.O.M | N/A |
| h) | Date of Expiry | N/A |
| i) | Sample Quantity | 100 gm |
| j) | Batch Size | N/A |
| k) | Mode of Packing | Packed in a plastic container |
| l) | Date of Receipt | 26-03-2019 |
| m) | Date of Start | 26-03-2019 |
| n) | Date of Completion | 02-04-2019 |
| o) | BIS Seal (Intact/Not Intact/Unsealed) | Unsealed |
| p) | IO'S Signature (Signed/Unsigned) | Unsigned |
| q) | Any Other Information | Lawaza Food |
| r) | Submitted By | Infosys Limited - Chandigarh(Chandigarh) |
| s) | Manufactured By | Infosys Limited |
| t) | Supplied By | Infosys Limited |

PART B : SUPPLEMENTARY INFORMATIONS

| | | |
|----|--|-------|
| a. | Reference to sampling procedure, whenever applicable | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |


02-04-2019
Udayveer Singh
[Tech Manager (Micro.)]


Shikha
02-04-2019
Reviewer


02-04-2019
Dr. Indra Rai
[Tech Manager (F&C)]

Disclaimer:

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4. If sample is not consumed during analysis it will be stored as per SOP of controlled sample management

Test Report

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Page 2 of 2

| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903270740 NABL ULR No. :TC592619000006675F Sample Reg. Date :27-03-2019 Report Date :01-04-2019 Customer Ref. No.: Letter Dated : |
|--|---|


Test Details :

| 1. General Parameters | | | |
|-----------------------|---|---------------|----------|
| a. | Particulate Matter,mg/Nm ³ | IS:11255(P-1) | Max. 150 |
| b. | Sulphur Dioxide(SO ₂),mg/Nm ³ | IS:11255(P-2) | - |
| c. | Oxides of Nitrogen(As NO ₂),mg/m ³ | IS:11255(P-7) | - |
| d. | Carbon Monoxide(as CO)(mg/Nm ³) | IS:13270 | - |
| e. | Non Methane Hydrocarbon, mg/Nm ³ | IS:13270 | - |
| | | | 51 |
| | | | 27 |
| | | | 242 |
| | | | 117 |
| | | | 85 |

NOTE : NA- Not Applicable, Requirement as per EPA 1986/PCLS/2010, Sample collected by lab rep. on dated 25.03.2019

REMARKS :N/A

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


 Saurabh Sharma
 01-04-2019
 Reviewer


 01-04-2019
 Prem Kumar
 [Tech Manager]

Disclaimer:

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2. Total Liability of this Laboratory is limited to the Invoiced amount.
3. Test certificates in full or parts shall not be used for promotional or Publicity purpose.

| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903270741 |
| | NABL ULR No. :TC592619000006676F |
| | Sample Reg. Date :27-03-2019 |
| | Report Date :01-04-2019 |
| | Customer Ref. No.: |
| | Letter Dated : |

| | |
|--|---|
| Test Report as per IS | : EPA Act 1986/PCLS/2010 |
| General Information | |
| Name of the emission source monitored | : Stack Emission of DG Set |
| (a) Rated Capacity | : 2000 kVA |
| (b) Capacity on sampling day | : 89% |
| (c) Type of fuel used & its consumption | : HSD & 250 ltr/hr |
| (d) Normal operating schedule | : As required |
| 2. Stack Identification | : Stack attached to DG Set-2 (2000 kVA) |
| 3.Type of Stack/Duct | : Metal |
| 4.Stack Height from Ground Level(m) | : 30 |
| Diameter of the Stack(cm) | : 45.72 |
| (6) Sampling Duration(minutes) | : 37 |
| Purpose of Monitoring | : To assess the pollution load |
| (8) Air Pollution control measure | : Not Applicable |
| (a) Status | : - |
| (b) Recovery of Material | : - |
| (9) Fugitive Emission,if any | : Nil |
| Observations | |
| Flue Gas Temperature, °C,Avg. | : 261 |
| Flue Gas Velocity(m/s),Avg. | : 25.30 |
| Volumetric Flow Rate(Nm ³ /hr.) | : 8120.78 |
| Ambient Air Temperature, °C | : 18 |

| TEST RESULTS | | | | |
|--------------|----------------|--------|-------------|--------|
| S.No. | Test Parameter | Method | Requirement | Result |

Saurabh Shanna
Saurabh Shanna
01-04-2019
Reviewer

Prem Kumar
01-04-2019
Prem Kumar
[Tech Manager]

Test Report

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Page 2 of 2

| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903270741 NABL ULR No. :TC592619000006676F Sample Reg. Date :27-03-2019 Report Date :01-04-2019 Customer Ref. No.: Letter Dated : |
|--|---|


Test Details :

| I. | General Parameters | | | |
|----|---|---------------|----------|-----|
| a. | Particulate Matter,mg/Nm ³ | IS:11255(P-1) | Max. 150 | 39 |
| b. | Sulphur Dioxide(SO ₂),mg/Nm ³ | IS:11255(P-2) | - | 17 |
| c. | Oxides of Nitrogen(As NO ₂),mg/m ³ | IS:11255(P-7) | - | 291 |
| d. | Carbon Monoxide(as CO)(mg/Nm ³) | IS:13270 | - | 102 |
| e. | Non Methane Hydrocarbon, mg/Nm ³ | IS:13270 | - | 78 |

NOTE : NA- Not Applicable, Requirement as per EPA 1986/PCLS/2010, Sample collected by lab rep. on dated 25.03.2019

REMARKS :N/A

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


 Saurabh Sharma
 01-04-2019
 Reviewer


 01-04-2019
 Prem Kumar
 [Tech Manager]

Disclaimer:

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4. If sample is not consumed during analysis it will be stored as per SOP of controlled sample management

Test Report


Document QF : 2501
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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903270742 |
| | NABL ULR No. :TC592619000006677F |
| | Sample Reg. Date :27-03-2019 |
| | Report Date :01-04-2019 |
| | Customer Ref. No.: |
| | Letter Dated : |

| | |
|--|---|
| Test Report as per IS | : EPA Act 1986/PCLS/2010 |
| General Information | |
| Name of the emission source monitored | : Stack Emission of DG Set |
| (a) Rated Capacity | : 2000 kVA |
| (b) Capacity on sampling day | : 86% |
| (c) Type of fuel used & its consumption | : HSD & 250 ltr/hr |
| (d) Normal operating schedule | : As required |
| 2. Stack Identification | : Stack attached to DG Set-3 (2000 kVA) |
| 3.Type of Stack/Duct | : Metal |
| 4.Stack Height from Ground Level(m) | : 30 |
| Diameter of the Stack(cm) | : 45.72 |
| (6) Sampling Duration(minutes) | : 63 |
| Purpose of Monitoring | : To assess the pollution load |
| (8) Air Pollution control measure | : Not Applicable |
| (a) Status | : - |
| (b) Recovery of Material | : - |
| (9) Fugitive Emission,if any | : Nil |
| Observations | |
| Flue Gas Temperature, °C,Avg. | : 140 |
| Flue Gas Velocity(m/s),Avg. | : 11.47 |
| Volumetric Flow Rate(Nm ³ /hr.) | : 4760.27 |
| Ambient Air Temperature, °C | : 18 |

TEST RESULTS

| S.No. | Test Parameter | Method | Requirement | Result |
|-------|----------------|--------|-------------|--------|
|-------|----------------|--------|-------------|--------|


Saurabh Sharma
01-04-2019
Reviewer


01-04-2019
Prem Kumar
[Tech Manager]

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Test Report

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Page 2 of 2

| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903270742 NABL ULR No. :TC592619000006677F Sample Reg. Date :27-03-2019 Report Date :01-04-2019 Customer Ref. No.: Letter Dated : |
|--|---|


Test Details :

| I. | General Parameters | | | |
|----|---|---------------|----------|-----|
| a. | Particulate Matter,mg/Nm ³ | IS:11255(P-1) | Max. 150 | 61 |
| b. | Sulphur Dioxide(SO ₂),mg/Nm ³ | IS:11255(P-2) | - | 20 |
| c. | Oxides of Nitrogen(As NO ₂),mg/m ³ | IS:11255(P-7) | - | 321 |
| d. | Carbon Monoxide(as CO)(mg/Nm ³) | IS:13270 | - | 122 |
| e. | Non Methane Hydrocarbon, mg/Nm ³ | IS:13270 | - | 89 |

NOTE : NA- Not Applicable, Requirement as per EPA 1986/PCLS/2010, Sample collected by lab rep. on dated 25.03.2019

REMARKS : N/A

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


 Saurabh Sharma
 01-04-2019
 Reviewer


 01-04-2019
 Prem Kumar
 [Tech Manager]

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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903270743 |
| | NABL ULR No. :TC592619000006678F |
| | Sample Reg. Date :27-03-2019 |
| | Report Date :01-04-2019 |
| | Customer Ref. No.: |
| | Letter Dated : |

| | |
|---|---|
| Test Report as per IS | : EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016 |
| General Information | |
| Date of Monitoring | : 26-03-2019 |
| Time of Monitoring | : 12:00 hrs |
| Nature of Industry | : IT Company |
| Purpose of Monitoring | : To assess the noise level |
| Source of Noise Pollution Monitored | : DG Set 1,2 & 3 (2000 kVA) |
| Engine No. | : 3316478, 33163866, 2537189 |
| Make | : Cummins India Limited |
| Date of mfg of DG Set | : 30-06-2006, 12-04-2006, 06-2012 |
| Date of Installation | : Not provided by party |
| Type approval No. | : Not provided by party |
| Pollution Control Device (if any) | : Acoustic Room |
| Stack Height from Ground level to Top,m | : 30 |
| Stack Height from Roof level,m | : - |
| Location of noise Generating Source | : Ground Floor |

TEST RESULTS

| S.No. | Test Parameter | Method | Requirement | Result |
|-----------------------|--|------------------------------|-------------|--------|
| Test Details : | | | | |
| 1. | Description | | | |
| a. | Description | Noise DG Set Room Monitoring | | |
| 2. | General Parameters | | | |
| a. | 0.5 mtr away from Acoustic Enclosure dB(A) | CPCB Guidelines | Max. 75.0 | 71.4 |
| b. | Insertion Loss | CPCB Guidelines | Min. 25.0 | 25.4 |

Saurabh Sharma
Saurabh Sharma
01-04-2019
Reviewer

Prem Kumar
01-04-2019
Prem Kumar
[Tech Manager]

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Test Report

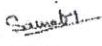
Document QF : 2501
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|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903270743 NABL ULR No. :TC592619000006678F Sample Reg. Date :27-03-2019 Report Date :01-04-2019 Customer Ref. No.: Letter Dated : |
|--|---|

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

REMARKS : N/A

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


Saurabh Sharma
01-04-2019
Reviewer


01-04-2019
Prem Kumar
[Tech Manager]

Disclaimer:


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| | |
|--|---|
| Issued To Infosys Limited Plot No.-I ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903280806 |
| | NABL ULR No. :TC592619000006672F |
| | Sample Reg. Date :28-03-2019 |
| | Report Date :01-04-2019 |
| | Customer Ref. No.: |
| | Letter Dated : |

| | |
|--|--|
| Test Report as per IS | : EPA Act 1986/PCLS/2010 |
| General Information | |
| Name of the emission source monitored | : Stack Emission of Fire Engine |
| (a) Rated Capacity | : 167 HP |
| (b) Capacity on sampling day | : 87% |
| (c) Type of fuel used & its consumption | : HSD & 20 ltr/hr |
| (d) Normal operating schedule | : As required |
| 2. Stack Identification | : Stack attached to Fire Engine (167 HP) |
| 3.Type of Stack/Duct | : Metal |
| 4.Stack Height from Ground Level(m) | : 7 |
| Diameter of the Stack(cm) | : 10.16 |
| (6) Sampling Duration(minutes) | : 37 |
| Purpose of Monitoring | : To assess the pollution load |
| (8) Air Pollution control measure | : Not Applicable |
| (a) Status | : - |
| (b) Recovery of Material | : - |
| (9) Fugitive Emission,if any | : Nil |
| Observations | |
| Flue Gas Temperature, °C,Avg. | : 139 |
| Flue Gas Velocity(m/s),Avg. | : 19.49 |
| Volumetric Flow Rate(Nm ³ /hr.) | : 400.41 |
| Ambient Air Temperature, °C | : 26 |

TEST RESULTS

| S.No. | Test Parameter | Method | Requirement | Result |
|-------|----------------|--------|-------------|--------|
|-------|----------------|--------|-------------|--------|


Saurabh Sharma
01-04-2019
Reviewer


01-04-2019
Prem Kumar
[Tech Manager]

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Test Report

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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1, Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903280806 |
| | NABL ULR No. :TC592619000006672F |
| | Sample Reg. Date :28-03-2019 |
| | Report Date :01-04-2019 |
| | Customer Ref. No.: |
| Letter Dated : | |


Test Details :


| I. | General Parameters | | |
|----|---|---------------|----------|
| a. | Particulate Matter,mg/Nm ³ | IS:11255(P-1) | Max. 150 |
| b. | Sulphur Dioxide(SO ₂),mg/Nm ³ | IS:11255(P-2) | - |
| c. | Oxides of Nitrogen(As NO ₂),mg/m ³ | IS:11255(P-7) | - |
| d. | Carbon Monoxide(as CO)(mg/Nm ³) | IS:13270 | - |
| e. | Non Methane Hydrocarbon, mg/Nm ³ | IS:13270 | - |

NOTE : NA- Not Applicable, Requirement as per EPA 1986/PCLS/2010, Sample collected by lab rep. on dated 26.03.2019

REMARKS :N/A

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


Saurabh Sharma
01-04-2019
Reviewer


01-04-2019
Prem Kumar
[Tech Manager]

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Test Report

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Issued To
Infosys Limited
Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101
Chandigarh

Report No. :E01-1903280807
NABL ULR No. :TC592619000006673F
Sample Reg. Date :28-03-2019
Report Date :01-04-2019
Customer Ref. No.:
Letter Dated :

Test Report as per IS

: EPA Act 1986/PCLS/2010

General Information

Name of the emission source monitored : Stack Emission of Fire Engine
(a) Rated Capacity : 133 HP
(b) Capacity on sampling day : 87%
(c) Type of fuel used & its consumption : HSD & 20 ltr/hr
(d) Normal operating schedule : As required
2. Stack Identification : Stack attached to Fire Engine (133 HP)
3.Type of Stack/Duct : Metal
4.Stack Height from Ground Level(m) : 7
Diameter of the Stack(cm) : 10.16
(6) Sampling Duration(minutes) : 40
Purpose of Monitoring : To assess the pollution load
(8) Air Pollution control measure : Not Applicable
(a) Status :-
(b) Recovery of Material :-
(9) Fugitive Emission,if any : Nil
Observations
Flue Gas Temperature, °C,Avg. : 123
Flue Gas Velocity(m/s),Avg. : 17.50
Volumetric Flow Rate(Nm³/hr.) : 374.05
Ambient Air Temperature, °C : 26

TEST RESULTS

| S.No. | Test Parameter | Method | Requirement | Result |
|-------|----------------|--------|-------------|--------|
|-------|----------------|--------|-------------|--------|

Saurabh Sharma
Saurabh Sharma
01-04-2019
Reviewer

Prem Kumar
01-04-2019
Prem Kumar
[Tech Manager]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825,
Visit us: www.itclabs.com E-mail : customersupport@itclabs.com

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4. If sample is not consumed during analysis, it will be stored as per SOP of controlled sample management.

Test Report

Document QF : 2501
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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903280807 NABL ULR No. :TC592619000006673F Sample Reg. Date :28-03-2019 Report Date :01-04-2019 Customer Ref. No.: Letter Dated : |
|--|---|


Test Details :

| I. | General Parameters | | | |
|----|---|---------------|----------|-----|
| a. | Particulate Matter,mg/Nm ³ | IS:11255(P-1) | Max. 150 | 43 |
| b. | Sulphur Dioxide(SO ₂),mg/Nm ³ | IS:11255(P-2) | - | 13 |
| c. | Oxides of Nitrogen(As NO ₂),mg/m ³ | IS:11255(P-7) | - | 271 |
| d. | Carbon Monoxide(as CO)(mg/Nm ³) | IS:13270 | - | 103 |
| e. | Non Methane Hydrocarbon, mg/Nm ³ | IS:13270 | - | 78 |

NOTE : NA- Not Applicable, Requirement as per EPA 1986/PCLS/2010, Sample collected by lab rep. on dated 27.03.2019

REMARKS : N/A

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


 Saurabh Sharma
 01-04-2019
 Reviewer


 01-04-2019
 Prem Kumar
 [Tech Manager]

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Test Report

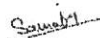
Document QF : 2501
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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1, Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903280808 |
| | NABL ULR No. :TC592619000006817F |
| | Sample Reg. Date :28-03-2019 |
| | Report Date :05-04-2019 |
| | Customer Ref. No.: |
| | Letter Dated : |

| | |
|---|---------------------------------|
| Test Report as per IS | : NAAQS 2009 |
| General Information | |
| Location of Sampling Point | : Post-1 |
| Date of Monitoring | : 26-03-2019 |
| Purpose of Monitoring | : To assess the pollution level |
| Duration of Monitoring, minutes | : 1440 |
| Avg. Flow Rate of Sampling, m ³ /min | : 0.038 |
| Volume of air sampled, m ³ | : 53.10 |
| Avg. Ambient Temperature, °C | : 26 |

TEST RESULTS

| S.No. | Test Parameter | Method | Requirement | Result |
|-----------------------|---|---|-------------|---------------|
| Test Details : | | | | |
| 1. | Description | | | |
| a. | Description | Ambient Air Quality Monitoring | | |
| 2. | Ambient Air Quality Parameters | | | |
| a. | Sulphur Dioxide(SO ₂), μg/m ³ | IS:5182(P-2) | 80 Max | 14 |
| b. | Nitrogen Dioxide(NO ₂), μg/m ³ | IS:5182(P-6) | 80 Max | 17 |
| c. | Particulate Matter (PM ₁₀), μg/m ³ | IS:5182(P-23) | 100 Max | 94 |
| d. | Particulate matter (PM _{2.5}), μg/m ³ | STP/ITC/EW-01 | 60 Max | 51 |
| e. | Ozone(O ₃), μg/m ³ | IS:5182(P-9) | 180 Max | BLQ (LOQ:14) |
| f. | Lead(As Pb), μg/m ³ | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO), mg/m ³ | IS:5182(P-10) | 4 Max | 1.3 |
| h. | Ammonia(NH ₃), μg/m ³ | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:20) |
| i. | Benzene (C ₆ H ₆), μg/m ³ | IS 5182 (Part 11) | 5 Max | BLQ (LOQ:1.0) |


Saurabh Sharma
05-04-2019
Reviewer


05-04-2019
Prem Kumar
[Tech Manager]

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Test Report

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
| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903280808 |
| | NABL ULR No. :TC592619000006817F |
| | Sample Reg. Date :28-03-2019 |
| | Report Date :05-04-2019 |
| | Customer Ref. No.: |
| | Letter Dated : |

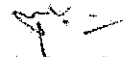
| | | | | |
|----|---|---|---------|---------------|
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3 | IS 5182: (Part 12) | 1 Max | BLQ (LOQ:0.2) |
| k. | Arsenic(as As),ng/m3 | Method of Air sampling & Analysis(Method No. 822) | 6 Max. | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3 | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

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

REMARKS : N/A

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


Saurabh Sharma
05-04-2019
Reviewer


05-04-2019
Prem Kumar
[Tech Manager]

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
Test Report

Document QF : 2501
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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903280809 |
| | NABL ULR No. :TC592619000006820F |
| | Sample Reg. Date :28-03-2019 |
| | Report Date :05-04-2019 |
| | Customer Ref. No.: |
| | Letter Dated : |

| | |
|-----------------------------------|---------------------------------|
| Test Report as per IS | : NAAQS 2009 |
| General Information | |
| Location of Sampling Point | : Diesel Yard |
| Date of Monitoring | : 26-03-2019 |
| Purpose of Monitoring | : To assess the pollution level |
| Duration of Monitoring,minutes | : 1440 |
| Avg. Flow Rate of Sampling,m3/min | : 1.25 |
| Volume of air sampled,m3 | : 1746.76 |
| Avg. Ambient Temperature,°C | : 26 |

| TEST RESULTS | | | | |
|-----------------------|--|---|-------------|---------------|
| S.No. | Test Parameter | Method | Requirement | Result |
| Test Details : | | | | |
| 1. | Description | | | |
| a. | Description | Ambient Air Quality Monitoring | | |
| 2. | Ambient Air Quality Parameters | | | |
| a. | Sulphur Dioxide(SO ₂),µg/m ³ | IS:5182(P-2) | 80 Max | 10 |
| b. | Nitrogen Dioxide(NO ₂),µg/m ³ | IS:5182(P-6) | 80 Max | 15 |
| c. | Particulate Matter (PM ₁₀),µg/m ³ | IS:5182(P-23) | 100 Max | 90 |
| d. | Particulate matter (PM _{2.5}),µg/m ³ | STP/ITC/EW-01 | 60 Max | 46 |
| e. | Ozone(O ₃),µg/m ³ | IS:5182(P-9) | 180 Max | BLQ (LOQ:14) |
| f. | Lead(As Pb),µg/m ³ | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m ³ | IS:5182(P-10) | 4 Max | 1.7 |
| h. | Ammonia(NH ₃),µg/m ³ | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:20) |
| i. | Benzene (C ₆ H ₆),µg/m ³ | IS 5182 (Part 11) | 5 Max | BLQ (LOQ:1.0) |


Saurabh Sharma
05-04-2019
Reviewer


05-04-2019
Prem Kumar
[Tech Manager]

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Test Report


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| | | | | |
|--|---|---|---------|--------------|
| Issued To Infosys Limited Plot No.-1, Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | | Report No. : E01-1903280809 NABL ULR No. : TC592619000006820F Sample Reg. Date : 28-03-2019 Report Date : 05-04-2019 Customer Ref. No.: Letter Dated : | | |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3 | IS 5182: (Part 12) | 1 Max | BLQ (LOQ0.2) |
| k. | Arsenic(as As),ng/m3 | Method of Air sampling & Analysis(Method No. 822) | 6 Max. | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3 | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

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

REMARKS : N/A

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


 Saurabh Sharma
 05-04-2019
 Reviewer


 05-04-2019
 Prem Kumar
 [Tech Manager]

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Test Report

Document QF : 2501
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| | |
|--|---|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | Report No. :E01-1903300877 |
| | NABL ULR No. :TC592619000006834F |
| | Sample Reg. Date :30-03-2019 |
| | Report Date :05-04-2019 |
| | Customer Ref. No. : |
| | Letter Dated : |

| | |
|-----------------------------------|---------------------------------|
| Test Report as per IS | : NAAQS 2009 |
| General Information | |
| Location of Sampling Point | : Sobha Store |
| Date of Monitoring | : 27-03-2019 |
| Purpose of Monitoring | : To assess the pollution level |
| Duration of Monitoring,minutes | : 1440 |
| Avg. Flow Rate of Sampling,m3/min | : 0.038 |
| Volume of air sampled,m3 | : 52.92 |
| Avg. Ambient Temperature,°C | : 27 |

| TEST RESULTS | | | | |
|-----------------------|--|---|-------------|---------------|
| S.No. | Test Parameter | Method | Requirement | Result |
| Test Details : | | | | |
| 1. | Description | | | |
| a. | Description | Ambient Air Quality Monitoring | | |
| 2. | Ambient Air Quality Parameters | | | |
| a. | Sulphur Dioxide(SO ₂),µg/m ³ | IS:5182(P-2) | 80 Max | 10 |
| b. | Nitrogen Dioxide(NO ₂),µg/m ³ | IS:5182(P-6) | 80 Max | 18 |
| c. | Particulate Matter (PM ₁₀),µg/m ³ | IS:5182(P-23) | 100 Max | 86 |
| d. | Particulate matter (PM _{2.5}),µg/m ³ | STP/ITC/EW-01 | 60 Max | 47 |
| e. | Ozone(O ₃),µg/m ³ | IS:5182(P-9) | 180 Max | BLQ (LOQ:14) |
| f. | Lead(As Pb),µg/m ³ | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m ³ | IS:5182(P-10) | 4 Max | 1.5 |
| h. | Ammonia(NH ₃),µg/m ³ | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:20) |
| i. | Benzene (C ₆ H ₆),µg/m ³ | IS 5182 (Part 11) | 5 Max | BLQ (LOQ:1.0) |

Saurabh Sharma
05-04-2019
Reviewer

05-04-2019
Prem Kumar
[Tech Manager]

Disclaimer:

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2. Total Liability of this Laboratory is limited to the Invoiced amount.
3. Test certificates in full or parts shall not be used for promotional or Publicity purpose.

Test Report


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|--|---|---|---------|---------------|
| Issued To Infosys Limited Plot No.-1 ,Rajiv Gandhi Technology Park Kishangarh Chandigarh-160101 Chandigarh | | Report No. :E01-1903300877 NABL ULR No. :TC592619000006834F Sample Reg. Date :30-03-2019 Report Date :05-04-2019 Customer Ref. No.: Letter Dated : | | |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3 | IS 5182: (Part 12) | 1 Max | BLQ (LOQ:0.2) |
| k. | Arsenic(as As),ng/m3 | Method of Air sampling & Analysis(Method No. 822) | 6 Max. | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3 | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

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

REMARKS :N/A

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


Saurabh Sharma
05-04-2019
Reviewer


05-04-2019
Prem Kumar
[Tech Manager]

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4. If sample is not returned during analysis, it will be stored as per SOP of controlled sample management.

