



सत्यमेव जयते



ISO 9001:2015

**GOVERNMENT OF INDIA  
MINISTRY OF COMMUNICATIONS  
DEPARTMENT OF TELECOMMUNICATIONS  
TELECOMMUNICATION ENGINEERING CENTRE  
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110 001**

## **CERTIFICATE OF DESIGNATION**

**M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurgaon**  
has been assessed and designated as Conformity Assessment Body (CAB)  
for its facilities at

**Plot No. 354, Sector-07, IMT Manesar, Gurgaon, Haryana-122 050**

**In the field of Testing**

Certificate No. TEC/MRA/CAB/IND-D/39

Issue Date: 04/02/2022

Valid Until: 03/02/2025

**This Certificate remains valid for the Scope of Designation as specified in the Annexure subject to the continued validity of NABL Accreditation and satisfied compliance to the Standards/specifications against which lab has been designated and strict compliance to the relevant terms and conditions of TEC CAB Designation Scheme.**

(To see the scope of designation of this laboratory, you may also visit TEC website [www.tec.gov.in](http://www.tec.gov.in))

**Signed for and on behalf of TEC**

**Prasanth Kumar  
Deputy Director General (MTCTE)  
For Designating Authority  
TEC**

**Certificate No: TEC/MRA/CAB/IND-D/39 dated 04/02/2022 issued to**  
**M/s Bharti Automation Pvt. Ltd. (A testing Division)**  
**Plot No. 354, Sector-07, IMT Manesar, Gurgaon, Haryana-122 050**

**Validity: - 04/02/2022 to 03/02/2025**

### **Terms & Conditions**

This certificate is issued as per the terms and conditions stipulated in the TEC SCHEME FOR DESIGNATING DOMESTIC CONFORMITY ASSESEMENT BODIES AND CERTIFICATION BODIES FOR CONFORMITY ASSESEMENT AND CERTIFICATION OF TELECOMMUNICATION EQUIPMENT ISSUE 2 NO. TEC/DES-01/02.DEC.2017.

Some of the conditions are reiterated as under:

#### **A. Obligations of the Designated CAB.**

1. It shall ensure that it maintains its accreditation status from any recognised Indian accreditation body like NABL during validity period of certificate.
2. It shall follow the stipulated procedures, rules and policies laid down by Designating Authority (DA) or Mutual Recognition Agreement (MRA)\* partner for testing and evaluation.
3. In respect of tests for which it is seeking designation, it shall have no interest whatsoever in any business to carry on testing in an unfair or biased manner.
4. It shall fully indemnify DA from and against all liabilities, damages, claims, costs, and expenses incurred or sustained by DA as a result of any action taken or omitted by DA relating to the process of designation.
5. It shall comply with DA's or MRA partner's terms and conditions for designation and recognition as modified from time to time.
6. It shall be under obligation to participate in the online process prescribed by TEC for test and certification against TEC's GR/IR/ER and standards.
7. It shall have a record system which shall have a retention period of at least 5 years for documents related to the equipment testing. It shall maintain all the relevant documents including list of products submitted for testing, product-wise testing and evaluation reports. These documents shall be produced before the DA within seven days, as and when required.
8. It shall ensure the Intellectual Property Rights of the customers in the course of testing by maintaining professional ethics, secrecy and keeping all the product related information confidential.

\*Applicable only if recognized by MRA (Mutual Recognition Agreement) partner.





9. It shall notify the DA in writing of occurrence of any of the following incident(s) within 2 weeks of its occurrence
  - a) Cessation of its business of conformity assessment for which it is Designated or accredited
  - b) Changes in its legal, commercial, or Organisational status
  - c) Changes, which may affect continuing compliance with any of the criteria or requirement specified by DA or MRA partner.
  - d) Change of premises

#### **B. REFERENCE TO DESIGNATION STATUS**

1. Designated CABs may advertise their designation status with regard to standards or parts thereof which are included in the scope of designation.
2. The advertisement should not imply, or otherwise suggest that DA or MRA Partner has endorsed the product or imply that the designated CAB is an agent or representative of DA or MRA Partner.
3. CABs whose designations have been suspended or withdrawn for any reason, shall discontinue advertisement of their designated status and not make any misleading statements regarding their designation status.

#### **C. POST-DESIGNATION SURVEILLANCE**

As and when required, DA shall conduct surveillance assessments and other non-routine assessments on the Designated CABs to ensure that standards of practices are maintained as well as to investigate complaints made against them.

#### **D. SUSPENSION OR WITHDRAWAL OF DESIGNATION**

1. DA shall suspend or withdraw the designation of a CAB if
  - a. Its accreditation is withdrawn.
  - b. It is found that the CAB is not complying with the stipulated criteria or requirements.
  - c. It is guilty of any offence involving fraud or dishonesty.
  - d. DA concludes that there is a just cause for withdrawing the designation.
2. A CAB whose designation, and recognition in case of MRA, has been suspended or withdrawn shall be removed from the list of designated CABs, in case it fails to take corrective measures.
3. DA shall keep the designation of a Designated CAB under suspension, until the completion of formal review process.

#### **E. AMENDMENT TO THE SCHEME**

DA reserves the rights to amend the scheme, as and when required, for the purpose of streamlining designation process.



**SCOPE OF DESIGNATION**  
**(ANNEXURE)**

**Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division)**  
**Plot No. 354, Sector-07, IMT Manesar, Gurgaon,**  
**Haryana-122 050**


Certificate Number: TEC/MRA/CAB/IND-D/39

Page 1 of 3

Validity: 04/02/2022 to 03/02/2025

Last Amended on: \_\_\_\_

| Sl. No. | Telecom Equipment/Product                                  | Test Parameter or Type of Testing  | Standard/ Specification                    |
|---------|--|--|--|
| 1       | <b>Information Technology Equipment-Safety Requirement</b> | Marking and Instructions<br>Clause-1.7   | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Access to Energized parts<br>Clause-2.1.1.1  | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Energy Hazard Measurements<br>Clause-2.1.1.5                                       | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | SELV reliability Test<br>Clause- 2.2   | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Humidity Conditioning Test<br>Clause 2.9.2   | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Clearances and Creepage Distances and distances through insulation<br>Clause- 2.10 | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Current Rating and Over Current Protection<br>Clause- 3.1.1                        | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Cord Anchorage and Strain Relief<br>Clause- 3.2.6                                  | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Cord guard test<br>Clause-3. 2.8   | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Stability Test<br>Clause- 4.1  | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |
|         |  | Mechanical Strength<br>Clause- 4.2   | IEC 60950-1 : 2005 + A1 : 2009 + A2 : 2013 |

  
Director (CA), TEC

  
AD (CA), TEC

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**Page 2 of 3**

**Validity: 04/02/2022 to 03/02/2025**

**Last Amended on: \_\_\_\_\_**

| Sl. No. | Telecom Equipment/Product                                  | Test Parameter or Type of Testing                                       | Standard/ Specification                       |
|---------|--|---|---|
|         | <b>Information Technology Equipment-Safety Requirement</b> | Handles and Manual Controls<br>Clause- 4.3.2                            | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Direct Plug- in equipment<br>Clause- 4.3.6                              | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Protection against Hazardous Moving Parts<br>Clause- 4.4                | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Thermal Requirements<br>Clause- 4.5                                     | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Openings of Enclosures<br>Clause- 4.6                                   | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Touch current and Protective Conductor Current<br>Clause- 5.1           | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Electric Strength<br>Clause- 5.2  | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Protection from Hazardous Voltages<br>Clause- 6.1.1                     | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Separation of the telecommunication network from earth<br>Clause- 6.1.2 | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Impulse Test<br>Clause- 6.2.2.1   | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |

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**Page 3 of 3**

**Validity: 04/02/2022 to 03/02/2025**

**Last Amended on: \_\_\_\_**

| Sl. No. | Telecom Equipment/Product                                  | Test Parameter or Type of Testing      | Standard/ Specification                       |
|---------|--|--|---|
|         | <b>Information Technology Equipment-Safety Requirement</b> | Steady State Test<br>Clause- 6.2.2.2   | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Compliance Criteria<br>Clause- 6.2.2.3 | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Voltage Surge Test<br>Clause- 7.4.2    | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
|         |  | Impulse Test<br>Clause- 7.4.3          | IEC 60950-1 : 2005 +<br>A1 : 2009 + A2 : 2013 |
| 2       | <b>Environmental Testing for Telecom Equipment's</b>       | Dry Heat Test                          | QM-333 March 2010                             |
|         |  | Damp Heat Steady State Test            | QM-333 March 2010                             |
|         |  | Drop Test                              | QM-333 March 2010                             |
|         |  | Topple Test                            | QM-333 March 2010                             |

  
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