



GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS
TELECOMMUNICATION ENGINEERING CENTRE
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001

CERTIFICATE OF DESIGNATION

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

Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-122050

In the field of Testing

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

Issue Date: 03/02/2025

Validity: 04/02/2025 to 03/02/2028

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)

Signed for and on behalf of TEC

Digitally signed by
Sanjeev Kumar Arya
Date: 03-02-2025
13:21:17 Sanjeev Arya
Director (CA)
For Designating Authority
TEC

Certificate No: TEC/MRA/CAB/IND-D/39 dated 03/02/2025 issued to
M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-122050



Validity: - 04/02/2025 to 03/02/2028

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 3 NO. TEC 04019:2023.

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 recognized 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 Organizational 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.

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana- 122050

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

Page 1 of 3

Validity: 04/02/2025 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
1.	Information Technology Equipment- Safety Requirement	Marking and Instructions Clause-1.7	IEC 60950-1
		Access to Energized parts Clause-2.1.1.1	IEC 60950-1
		Energy Hazard Measurements Clause-2.1.1.5	IEC 60950-1
		SELV Reliability Test Clause- 2.2	IEC 60950-1
		Humidity Conditioning Test Clause 2.9.2	IEC 60950-1
		Clearances and Creepage Distances and Distances through Insulation Clause- 2.10	IEC 60950-1
		Current Rating and Over Current Protection Clause- 3.1.1	IEC 60950-1
		Cord Anchorage and Strain Relief Clause- 3.2.6	IEC 60950-1
		Cord Guard Test Clause-3.2.8	IEC 60950-1
		Stability Test Clause- 4.1	IEC 60950-1
		Mechanical Strength Clause- 4.2	IEC 60950-1
		Handles and Manual Controls Clause- 4.3.2	IEC 60950-1
		Direct Plug- in equipment Clause- 4.3.6	IEC 60950-1
		Protection Against Hazardous Moving Parts Clause- 4.4	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana- 122050

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

Page 2 of 3

Validity: 04/02/2025 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Information Technology Equipment- Safety Requirement	Thermal Requirements Clause- 4.5	IEC 60950-1
		Openings of Enclosures Clause- 4.6	IEC 60950-1
		Touch current and Protective Conductor Current Clause- 5.1	IEC 60950-1
		Electric Strength Clause- 5.2	IEC 60950-1
		Protection from Hazardous Voltages Clause- 6.1.1	IEC 60950-1
		Separation of the Telecommunication Network from Earth Clause- 6.1.2	IEC 60950-1
		Impulse Test Clause- 6.2.2.1	IEC 60950-1
		Steady State Test Clause- 6.2.2.2	IEC 60950-1
		Compliance Criteria Clause- 6.2.2.3	IEC 60950-1
		Voltage Surge Test Clause- 7.4.2	IEC 60950-1
		Impulse Test Clause- 7.4.3	IEC 60950-1
2.	Standard for Environmental testing of Telecommunication Equipment	Dry Heat Test	QM-333 March 2010
		Damp Heat Steady State Test	QM-333 March 2010
		Drop Test	QM-333 March 2010

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana- 122050

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

Page 3 of 3

Validity: 04/02/2025 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Standard for Environmental testing of Telecommunication Equipment	Topple Test	QM-333 March 2010

Digitally signed by
Rajeev Ranjan
Date: 03-02-2025
13:38:29 AD (CA), TEC

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

Government of India
Department of Telecommunications
Telecommunication Engineering Centre
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001

No. 1-57/2025-CA/TEC

Dated: 25.09.2026

To,
M/s Bharti Automation Private Limited (A Testing Division),
Plot No.354, IMT Manesar, Haryana, Gurugram-122050 Mob:
+91 9910046414
E-mail:- bhartiapl@gmail.com
(Kind attention to Shri Sanjay Sharma, Director)

Subject: Application for enhancement of scope CAB Designation- M/s Bharti Automation Private Limited (A Testing Division), IMT Manesar, Gurugram- regarding.

Ref.:- (i) TEC CAB Designation Certificate No. **TEC/MRA/CAB/IND-D/39** dated **03.02.2025**.
(ii) Your application for enhancement of Scope of CAB Designation vide Application ID No. **SW0112872375-M008_D001_A194-1763720815580** dated **21.11.2025** and **re-applied on dated 27.12.2025** submitted on NSWS CAB Designation Portal.

This is in reference to your application for enhancement of Scope of CAB Designation of Certificate No. **TEC/MRA/CAB/IND-D/39** dated **03.02.2025**, valid up to **03.02.2028**, submitted vide Application ID **SW0112872375-M008_D001_A194-1763720815580** dated **21.11.2025** and **re-applied on dated 27.12.2025** in online mode on NSWS CAB Designation Portal.

In reference to the recommendations of Site visit assessment team, the scope of designation of CAB Certificate no. referred under ref. (i) above is hereby enhanced in respect of test parameters of Standard for Environmental testing of Telecommunication equipment - QM-333 Issue March 2010, Audio/Video, Information and Communication Technology Equipment: Safety Requirements - IEC 62368-1, Information Technology Equipment - Safety Requirements - IEC 60950-1, Secondary cells and batteries (Lithium ion system) - Safety Requirements - IEC 62133-2 & Standard for Environmental testing of Telecommunication equipment- (TEC/GR/FA/DWC-034/02/AUG) **(Revised GR TEC 72020:2025)** as per detail mentioned in Annexure attached.

2. All other details, terms and conditions and validity of CAB Designation Certificate no. **TEC/MRA/CAB/IND-D/39** dated **03.02.2025** shall remain unchanged.

3. This is issued with the approval of Competent Authority.

Encl: as above

Digitally signed by
Buddha Priya Rahul
Date: 25-09-2026
17:00:46

AD (CA-II)

Copy to:

- DDG (Radio) & DDG (FA), TEC, New Delhi for kind information and necessary action please.
- DDG (NR)/DDG(ER)/DDG (WR)/DDG (SR) TEC for kind information please.



GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS
TELECOMMUNICATION ENGINEERING CENTRE
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001

CERTIFICATE OF DESIGNATION

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

Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-122050

In the field of Testing

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

Issue Date: 25/09/2026

Validity: 25/09/2026 to 03/02/2028

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)

Signed for and on behalf of TEC

Digitally signed by
Vijay Dixit
Date: 25-09-2026
16:33:04

Vijay Dixit
Director (CA)
For Designating Authority
TEC

Certificate No: TEC/MRA/CAB/IND-D/39 dated 25/09/2026 issued to
M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram-122050



Validity: - 25/09/2026 to 03/02/2028

Terms & Conditions

This certificate is issued as per the terms and conditions stipulated in the TEC SCHEME FOR DESIGNATING DOMESTIC CONFORMITY ASSESSMENT BODIES AND CERTIFICATION BODIES FOR CONFORMITY ASSESSMENT AND CERTIFICATION OF TELECOMMUNICATION EQUIPMENT ISSUE 3 NO. TEC 04019:2023.

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.

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



SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 1 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
1.	Standard for Environmental testing of Telecommunication Equipment	Low temperature (Cold Cycle) Test No. 1	QM-333 Issue March 2010
		High temperature (Dry Heat Cycle) Test No. 2	QM-333 Issue March 2010
		Tropical exposure (Damp Heat Cyclic) Test No. 3	QM-333 Issue March 2010
		Rapid temperature cycle Test No. 3	QM-333 Issue March 2010
		Vibration Test Test No. 6	QM-333 Issue March 2010
		Sealing (Gas tightness) / High Altitude Test Test No. 7	QM-333 Issue March 2010
		Water immersion Test Test No. 8	QM-333 Issue March 2010
		Corrosion Salt Test No. 9	QM-333 Issue March 2010
		Bump Test Test No. 13	QM-333 Issue March 2010
		Rain Test Test No. 14	QM-333 Issue March 2010
		Dust Test Test No. 15	QM-333 Issue March 2010
		Free Fall Test Test No. 12	QM-333 Issue March 2010

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 2 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
2.	Audio/Video, Information and Communication Technology Equipment: Safety Requirements	Insulating surfaces (Clause-5.4.1.9)	IEC 62368-1
		Antenna terminal insulation (Clause-5.4.5)	IEC 62368-1
		Backfeed safeguard in battery backed up supplies (Clause-5.8)	IEC 62368-1
		Bottom openings and bottom opening properties (Clause-6.4.8.3.4)	IEC 62368-1
		Carts, stands, and similar carriers (Clause-8.10)	IEC 62368-1
		Classification and limits of electrical energy sources (Clause-5.2)	IEC 62368-1
		Clearances (Clause-5.4.2)	IEC 62368-1
		Equipment containing coin / button cell batteries (Clause-4.8)	IEC 62368-1
		Components requirements (Clause-4.10)	IEC 62368-1
		Creepage distances (Clause-5.4.3)	IEC 62368-1
		Determination of working voltage (Clause-5.4.1.8)	IEC 62368-1
		Electric strength test (Clause-5.4.9)	IEC 62368-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 3 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Audio/Video, Information and Communication Technology Equipment: Safety Requirements	Energy source classifications (Clause-4.2)	IEC 62368-1
		Equipment for direct insertion into mains socket-outlets (Clause-4.7)	IEC 62368-1
		Equipment mounted to a wall, ceiling or other structure (Clause-8.7)	IEC 62368-1
		Fixing of conductors (Clause-4.6)	IEC 62368-1
		Glass slide test (Clause-8.6.4)	IEC 62368-1
		Handle strength (Clause-8.8)	IEC 62368-1
		Horizontal force test and compliance criteria (Clause-8.6.5)	IEC 62368-1
		Humidity conditioning (Clause-5.4.8)	IEC 62368-1
		Thermoplastic parts on which conductive metallic parts are directly mounted (Clause-5.4.1.10)	IEC 62368-1
		Internal and external wiring (Clause-6.5)	IEC 62368-1
		Likelihood of fire or shock due to entry of conductive objects (Clause-4.9)	IEC 62368-1
		Maximum operating temperatures for materials, components and systems	IEC 62368-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 4 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Audio/Video, Information and Communication Technology Equipment: Safety Requirements	(Clause-5.4.1.4)	
		Pollution degrees (Clause-5.4.1.5)	IEC 62368-1
		Power source circuit classifications (Clause-6.2.2)	IEC 62368-1
		Protection against energy sources (Clause-4.3)	IEC 62368-1
		Protection against electrical energy sources (Clause-5.3)	IEC 62368-1
		Protective conductor (Clause-5.6)	IEC 62368-1
		Relocation stability (Clause-8.6.3)	IEC 62368-1
		Compliance criteria for resistance of the protective bonding system (Clause-5.6.6.3)	IEC 62368-1
		Safeguards against fire under normal operating conditions and abnormal operating conditions (Clause-6.3)	IEC 62368-1
		Safeguards against mechanical energy sources (Clause-8.3)	IEC 62368-1
		Safeguards against parts with sharp edges and corners (Clause-8.4)	IEC 62368-1
		Safeguards (Clause-4.4)	IEC 62368-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 5 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Audio/Video, Information and Communication Technology Equipment: Safety Requirements	Safeguards against transient voltages from external circuits (Clause-5.4.10)	IEC 62368-1
		Separation between external circuits and earth (Clause-5.4.11)	IEC 62368-1
		Stability of equipment requirement (Clause-8.6.1)	IEC 62368-1
		Static stability (Clause-8.6.2)	IEC 62368-1
		Telescoping or rod antennas (Clause-8.12)	IEC 62368-1
		Thermal burn injury (Clause-9)	IEC 62368-1
		Top openings and top opening properties (Clause-6.4.8.3.3)	IEC 62368-1
		Wheels or casters attachment requirements (Clause-8.9)	IEC 62368-1
		Prospective touch voltage, touch current and protective conductor current (Clause-5.7)	IEC 62368-1
		Test methods for equipment mounted to a wall, ceiling or other structure (Clause-8.7.2)	IEC 62368-1
		Compliance criteria for equipment mounted to a wall, ceiling or other structure (Clause-8.7.3)	IEC 62368-1
		Downward force test (Clause-8.11.3.1)	IEC 62368-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 6 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Audio/Video, Information and Communication Technology Equipment: Safety Requirements	Lateral push force test (Clause-8.11.3.2)	IEC 62368-1
		Mechanical strength test (Clause-8.11.3)	IEC 62368-1
		MS3 (Clause-8.2.4)	IEC 62368-1
		Instructional safeguard requirements (Clause-8.5.2)	IEC 62368-1
		Compliance criteria (safeguards against moving parts) (Clause-8.5.3)	IEC 62368-1
3.	Information Technology Equipment-Safety Requirements	Abnormal operating and fault conditions (Clause-5.3)	IEC 60950-1
		Adjustable controls (Clause-4.3.3)	IEC 60950-1
		Battery Compartments (Clause-2.1.1.2)	IEC 60950-1
		Connection by plugs and sockets (Clause-4.3.5)	IEC 60950-1
		Connection to a mains supply (Clause-3.2)	IEC 60950-1
		Discharge of capacitors in equipment (Clause-2.1.1.7)	IEC 60950-1
		Disconnection from the mains supply (Clause-3.4)	IEC 60950-1
		Edges and corners (Clause-4.3.1)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



ISO 9001: 2015

SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 7 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Electrical insulation (Clause-2.9)	IEC 60950-1
		Heating elements in earthed equipment (Clause-4.3.7)	IEC 60950-1
		Interconnection of equipment (Clause-3.5)	IEC 60950-1
		Limited Currents (Clause-2.4)	IEC 60950-1
		Limited Power Sources (Clause-2.5)	IEC 60950-1
		Manual Controls (Clause-2.1.1.6)	IEC 60950-1
		Oil and grease (Clause-4.3.9)	IEC 60950-1
		Overcurrent and earth fault protection in primary circuits (Clause-2.7)	IEC 60950-1
		Power Interface (Clause-1.6)	IEC 60950-1
		Protection in service access areas (Clause-2.1.2)	IEC 60950-1
		Resistance to Fire (Clause-4.7)	IEC 60950-1
		Safety interlocks (Clause-2.8)	IEC 60950-1
		Securing of parts (Clause-4.3.4)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 8 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Screws for electrical contact pressure (Clause-3.1.6)	IEC 60950-1
		Securing of internal wiring (Clause-3.1.3)	IEC 60950-1
		Self-tapping and spaced thread screws (Clause-3.1.8)	IEC 60950-1
		Sleeving on wiring (Clause-3.1.10)	IEC 60950-1
		Current rating and overcurrent protection (Clause-3.1.1)	IEC 60950-1
		Beads and ceramic insulators (Clause-3.1.5)	IEC 60950-1
		Protection against mechanical damage (Clause-3.1.2)	IEC 60950-1
		Termination of conductors (Clause-3.1.9)	IEC 60950-1
		Wiring terminals for connection of external conductors (Clause-3.3)	IEC 60950-1
		AC power supply cords (Clause-3.2.5.1)	IEC 60950-1
		Appliance inlets (Clause-3.2.4)	IEC 60950-1
		Connection to a d.c. mains supply (Clause-3.2.1.2)	IEC 60950-1
		Connection to an a.c. mains supply (Clause-3.2.1.1)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 9 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Cord anchorages and strain relief (Clause-3.2.6)	IEC 60950-1
		Cord guards (Clause-3.2.8)	IEC 60950-1
		DC power supply cords (Clause-3.2.5.2)	IEC 60950-1
		Multiple supply connections (Clause-3.2.2)	IEC 60950-1
		Permanently connected equipment (Clause-3.2.3)	IEC 60950-1
		Power supply cords (Clause-3.2.5)	IEC 60950-1
		Protection against mechanical damage (Clause-3.2.7)	IEC 60950-1
		Supply wiring space (Clause-3.2.9)	IEC 60950-1
		Abrasion Resistance test (Clause-2.10.8.4)	IEC 60950-1
		Clearances (Clause-2.10.3)	IEC 60950-1
		Clearances in Primary circuits (Clause-2.10.3.3)	IEC 60950-1
		Clearances in circuits having starting pulses (Clause-2.10.3.5)	IEC 60950-1
		Clearances in secondary circuits (Clause-2.10.3.4)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 10 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Coated printed boards (Clause-2.10.6.2)	IEC 60950-1
		Component external terminations (Clause-2.10.7)	IEC 60950-1
		Construction of printed boards (Clause-2.10.6)	IEC 60950-1
		Creepage distances (Clause-2.10.4)	IEC 60950-1
		Determination of working voltage (Clause-2.10.2)	IEC 60950-1
		Electric strength test (Clause-2.10.8.3)	IEC 60950-1
		Enclosed and sealed parts (Clause-2.10.12)	IEC 60950-1
		Frequency (Clause-2.10.1.1)	IEC 60950-1
		Insulation between conductors on different surfaces of a printed board (Clause-2.10.6.4)	IEC 60950-1
		Insulation between conductors on the same inner surface of a printed board (Clause-2.10.6.3)	IEC 60950-1
		Insulation in circuits generating starting pulses (Clause-2.10.1.7)	IEC 60950-1
		Insulation with varying dimensions (Clause-2.10.1.5)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 11 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Intervening unconnected conductive parts (Clause-2.10.1.4)	IEC 60950-1
		Mains transient voltages (Clause-2.10.3.2)	IEC 60950-1
		Material group and comparative tracking index (Clause-2.10.4.2)	IEC 60950-1
		Measurement of transient voltages (Clause-2.10.3.9)	IEC 60950-1
		Minimum creepage distances (Clause-2.10.4.3)	IEC 60950-1
		Peak working voltage (Clause-2.10.2.3)	IEC 60950-1
		Pollution degrees (Clause-2.10.1.2)	IEC 60950-1
		RMS working voltage (Clause-2.10.2.2)	IEC 60950-1
		Reduced values for functional insulation (Clause-2.10.1.3)	IEC 60950-1
		Sample preparation and preliminary inspection (Clause-2.10.8.1)	IEC 60950-1
		Special separation requirements (Clause-2.10.1.6)	IEC 60950-1
		Test for Pollution Degree 1 environment and for insulating compound (Clause-2.10.10)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



ISO 9001: 2015

SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 12 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Tests on coated printed boards and coated components (Clause-2.10.8)	IEC 60950-1
		Thermal Cycling (Clause-2.10.9)	IEC 60950-1
		Thermal conditioning (Clause-2.10.8.2)	IEC 60950-1
		Transients from a d.c. mains supply (Clause-2.10.3.7)	IEC 60950-1
		Transients from an a.c. mains supply (Clause-2.10.3.6)	IEC 60950-1
		Transients from telecommunication networks and cable distribution systems (Clause-2.10.3.8)	IEC 60950-1
		Uncoated printed boards (Clause-2.10.6.1)	IEC 60950-1
		Disconnect devices (Clause-3.4.2)	IEC 60950-1
		Interconnected equipment (Clause-3.4.10)	IEC 60950-1
		Multiple power sources (Clause-3.4.11)	IEC 60950-1
		Number of poles – single-phase and d.c. equipment (Clause-3.4.6)	IEC 60950-1
		Number of poles – three-phase equipment (Clause-3.4.7)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 13 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Parts which remain energized (Clause-3.4.4)	IEC 60950-1
		Permanently connected equipment (Clause-3.4.3)	IEC 60950-1
		Plugs as disconnect devices (Clause-3.4.9)	IEC 60950-1
		Switches as disconnect devices (Clause-3.4.8)	IEC 60950-1
		Switches in flexible cords (Clause-3.4.5)	IEC 60950-1
		Voltage under fault conditions (Clause-2.2.3)	IEC 60950-1
		Voltage under normal conditions (Clause-2.2.2)	IEC 60950-1
		TNV circuits (Clause-2.3) Except Clause No. 2.3.5	IEC 60950-1
		Limit values (Clause-2.4.2)	IEC 60950-1
		Connection of limited current circuits to other circuits (Clause-2.4.3)	IEC 60950-1
		Connection of SELV circuits to other circuits (Clause-2.2.4)	IEC 60950-1
		Provisions for earthing and bonding (Clause-2.6) Except Clause no. 2.6.3.5, 2.6.5.2, 2.6.5.6, 2.6.5.3, 2.6.2, 2.6.5, 2.6.5.1, 2.6.5.5, 2.6.5.4, 2.6.1, 2.6.4.2, 2.6.3, 2.6.5.8, 2.6.3.4, 2.6.5.7, 2.6.4.3, 2.6.3.3, 2.6.3.2, 2.6.4	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 14 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Basic requirements (Clause-2.7.1)	IEC 60950-1
		Number and location of protective devices (Clause-2.7.4)	IEC 60950-1
		Protection by several devices (Clause-2.7.5)	IEC 60950-1
		Short-circuit backup protection (Clause-2.7.3)	IEC 60950-1
		Warning to service persons (Clause-2.7.6)	IEC 60950-1
		Fail-safe operation (Clause-2.8.4)	IEC 60950-1
		General principles (Clause-2.8.1)	IEC 60950-1
		Inadvertent reactivation (Clause-2.8.3)	IEC 60950-1
		Mechanical actuators (Clause-2.8.8)	IEC 60950-1
		Moving parts (Clause-2.8.5)	IEC 60950-1
		Overload test (Clause-2.8.7.2)	IEC 60950-1
		Contact gaps (Clause-2.8.7.1)	IEC 60950-1
		Electric strength test (Clause-2.8.7.4)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION
(ANNEXURE)

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 15 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Endurance test (Clause-2.8.7.3)	IEC 60950-1
		Overriding (Clause-2.8.6)	IEC 60950-1
		Protection requirements (Clause-2.8.2)	IEC 60950-1
		Switches and relays (Clause-2.8.7)	IEC 60950-1
		Grade of insulation (Clause-2.9.3)	IEC 60950-1
		Properties of insulating materials (Clause-2.9.1)	IEC 60950-1
		Separation from hazardous voltages (Clause-2.9.4)	IEC 60950-1
		Insulating materials in electrical connections (Clause-3.1.7)	IEC 60950-1
		Conductor sizes to be connected (Clause-3.3.4)	IEC 60950-1
		Connection of non-detachable power supply cords (Clause-3.3.2)	IEC 60950-1
		Grouping of wiring terminals (Clause-3.3.7)	IEC 60950-1
		Screw terminals (Clause-3.3.3)	IEC 60950-1
		Stranded wire (Clause-3.3.8)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 16 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Wiring terminal design (Clause-3.3.6)	IEC 60950-1
		Wiring terminal sizes (Clause-3.3.5)	IEC 60950-1
		Protection in operator access areas (Clause-4.4.2)	IEC 60950-1
		Protection in restricted access locations (Clause-4.4.3)	IEC 60950-1
		Protection in service access areas (Clause-4.4.4)	IEC 60950-1
		Conditions for a fire enclosure (Clause-4.7.2)	IEC 60950-1
		Materials (Clause-4.7.3)	IEC 60950-1
		Materials for air filter assemblies (Clause-4.7.3.5)	IEC 60950-1
		Materials for components and other parts outside fire enclosures (Clause-4.7.3.3)	IEC 60950-1
		Materials for fire enclosures (Clause-4.7.3.2)	IEC 60950-1
		Materials used in high-voltage components (Clause-4.7.3.6)	IEC 60950-1
		Parts not requiring a fire enclosure (Clause-4.7.2.2)	IEC 60950-1
		Parts requiring a fire enclosure (Clause-4.7.2.1)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 17 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Reducing the risk of ignition and spread of flame (Clause-4.7.1)	IEC 60950-1
		Resistance to abnormal heat (Clause-4.5.5)	IEC 60950-1
		Temperature limits for materials (Clause-4.5.3)	IEC 60950-1
		Temperature tests (Clause-4.5.2)	IEC 60950-1
		Touch temperature limits (Clause-4.5.4)	IEC 60950-1
		Bottoms of fire enclosures (Clause-4.6.2)	IEC 60950-1
		Adhesives for constructional purposes (Clause-4.6.5)	IEC 60950-1
		Constructional design measures (Clause-4.6.4.1)	IEC 60950-1
		Doors or covers in fire enclosures (Clause-4.6.3)	IEC 60950-1
		Evaluation measures for larger openings (Clause-4.6.4.2)	IEC 60950-1
		Openings in transportable equipment (Clause-4.6.4)	IEC 60950-1
		Top and side openings (Clause-4.6.1)	IEC 60950-1
		Use of metallized parts (Clause-4.6.4.3)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 18 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Application of measuring instrument (Clause-5.1.4)	IEC 60950-1
		Equipment with touch current exceeding 3.5 mA (Clause-5.1.7)	IEC 60950-1
		Redundant multiple connections to an a.c. mains supply (Clause-5.1.2.2)	IEC 60950-1
		Simultaneous multiple connections to an a.c. mains supply (Clause-5.1.2.3)	IEC 60950-1
		Simultaneous multiple connections to the supply (Clause-5.1.7.2)	IEC 60950-1
		Single connection to an a.c. mains supply (Clause-5.1.2.1)	IEC 60950-1
		Test circuit (Clause-5.1.3)	IEC 60950-1
		Test measurements (Clause-5.1.6)	IEC 60950-1
		Test procedure (Clause-5.1.5)	IEC 60950-1
		Test procedure (Clause-5.2.2)	IEC 60950-1
		After the tests (Clause-5.3.9.2)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 19 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Information Technology Equipment-Safety Requirements	Audio amplifiers in information technology equipment (Clause-5.3.6)	IEC 60950-1
		Compliance criteria for abnormal operating and fault conditions (Clause-5.3.9)	IEC 60950-1
		During the tests (Clause-5.3.9.1)	IEC 60950-1
		Electromechanical components (Clause-5.3.5)	IEC 60950-1
		Functional insulation (Clause-5.3.4)	IEC 60950-1
		Motors (Clause-5.3.2)	IEC 60950-1
		Protection against overload and abnormal operation (Clause-5.3.1)	IEC 60950-1
		Simulation of faults (Clause-5.3.7)	IEC 60950-1
		Transformers (Clause-5.3.3)	IEC 60950-1
		Data ports for additional equipment (Clause-3.5.4)	IEC 60950-1
		ELV circuits as interconnection circuits (Clause-3.5.3)	IEC 60950-1
		Types of interconnection circuits (Clause-3.5.2)	IEC 60950-1

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 20 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing#	Standard/ Specification
4.	Secondary cells and batteries (Lithium-ion system)- Safety Requirements	Charging procedure for test purpose (Clause – 7.1)	IEC 62133-2
		Continuous Charging at constant voltage (Cell) (Clause – 7.2.1)	IEC 62133-2
		Crush (cells) (Clause- 7.3.5)	IEC 62133-2
		External short circuit (Cell) (Clause- 7.3.1)	IEC 62133-2
		External short circuit (battery) (Clause-7.3.2)	IEC 62133-2
		Forced discharge (cells) (Clause-7.3.7)	IEC 62133-2
		Free fall (Clause- 7.3.3)	IEC 62133-2
		Insulation resistance test (Clause- 5.2)	IEC 62133-2
		Mechanical shock (Clause- 7.3.8.2)	IEC 62133-2
		Overcharging of battery (Clause- 7.3.6)	IEC 62133-2
		Thermal abuse (cell) (Clause- 7.3.4)	IEC 62133-2
		Vibration (Clause- 7.3.8.1)	IEC 62133-2
		case stress at high ambient Temperature (Clause- 7.2.2)	IEC 62133-2

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**

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



SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s Bharti Automation Pvt. Ltd. (A Testing Division), Gurugram
Plot No. 354, Sector-07, IMT Manesar, Gurugram, Haryana-
122050

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

Page 21 of 21

Validity: 25/09/2026 to 03/02/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing#	Standard/ Specification
	Secondary cells and batteries (Lithium-ion system)- Safety Requirements	Parameter measurement Tolerance (Clause- 4)	IEC 62133-2
		General Safety Consideration (Clause- 5)	IEC 62133-2
		Type test and sample size (Clause- 6)	IEC 62133-2
		Information for safety (Clause- 8, 8.1, 8.2)	IEC 62133-2
		Marking (Clause- 9)	IEC 62133-2
		Packaging and transport (Clause- 10)	IEC 62133-2
		Measurement of the Internal AC Resistance for Coin Cells Annex. D	IEC 62133-2
5.	Standard for Environmental testing of Telecommunication equipment	Anti rodent test (TEC/GR/FA/DWC-034/02/AUG) (Revised GR TEC 72020:2025)	(TEC/GR/FA/DWC-034/02/AUG) (Revised GR TEC 72020:2025)
		Wind Resistance Test Cl.3.34 of GR-487-CORE Issue 3, April	

Digitally signed by
Buddha Priya Rahul
Date: 25-09-2026
16:58:58

AD (CA-II), TEC

***The validity of Certificate is up to 03/02/2028 or the continued validity of NABL Accreditation, whichever is earlier.**