



**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 INTERTEK INDIA PRIVATE LIMITED, DELHI
has been assessed and designated as Conformity Assessment Body (CAB)
for its facilities at

**E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL AREA,
MATHURA ROAD, DELHI-110044
In the field of Testing**

Certificate No. TEC/MRA/CAB/IND-D/107

Issue Date: 08/08/2025

Validity: 08/08/2025 to 07/08/2028

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

**Sanjeev Kumar Arya
Director (CA)
For Designating Authority
TEC**

**Certificate No: TEC/MRA/CAB/IND-D/107 dated 08/08/2025 issued to
M/S INTERTEK INDIA PRIVATE LIMITED, E-26 BLOCK B-1
MOHAN CO-OPERATIVE INDUSTRIAL AREA, MATHURA
ROAD, DELHI-110044**



Validity: - 08/08/2025 to 07/08/2028

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 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

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SCOPE OF DESIGNATION **(ANNEXURE)**

**Laboratory Name: M/S INTERTEK INDIA PRIVATE LIMITED, DELHI
E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL
AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 1 of 21

Validity: 08/08/2025 to 07/08/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
1	Environmental testing of Telecommunication Equipment's	Low Temperature Cold Cycle Test No. 1	QM-333:2010
		High Temperature Dry Heat Cycle Test No. 2	QM-333:2010
		Tropical Exposure Damp Heat Cyclic Test No. 3	QM-333:2010
		Rapid Temperature Cycle Test No. 4	QM-333:2010
		Damp heat Steady state Test No. 5	QM-333:2010
		Vibration Test Test No. 6	QM-333:2010
		Bump Test Test No. 13	QM-333:2010
2	Audio/Video, Information and Communication Technology Equipment: Safety Requirements	Steady Force Tests Clause- 4.4.3.2	IEC 62368-1
		Steady Force Tests, 10 N Clause- Annex T.2	IEC 62368-1
		Steady Force Tests, 30 N Clause- Annex T.3	IEC 62368-1
		Steady Force Tests, 100 N Clause- Annex- T.4	IEC 62368-1
		Drop Tests Clause- 4.4.3.3	IEC 62368-1
		Drop Tests Clause- 4.8.4.4	IEC 62368-1
		Drop Tests Clause- Annex T.7	IEC 62368-1
		Impact Tests Clause- 4.4.3.4	IEC 62368-1

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 2 of 21

Validity: 08/08/2025 to 07/08/2028

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	Impact Tests Clause- 4.8.4.5	IEC 62368-1
		Enclosure Impact Tests Clause- Annex T.6	IEC 62368-1
		Glass Impact Tests Clause- 4.4.3.6	IEC 62368-1
		Glass Impact Tests Clause- Annex T.9	IEC 62368-1
		Glass fixation test Clause- 4.4.3.7	IEC 62368-1
		Thermoplastic material tests Clause-4.4.3.8	IEC 62368-1
		Thermoplastic material tests Clause- 4.8.4.2	IEC 62368-1
		Steady state voltage and current limits Clause- 5.2.2.2	IEC 62368-1
		Capacitance limits Clause- 5.2.2.3	IEC 62368-1
		Audio signals Clause- 5.2.2.7	IEC 62368-1
		Accessibility to Electrical Energy Sources and Safeguards Clause- 5.3.2	IEC 62368-1
		Contact requirements Clause-5.3.2.2	IEC 62368-1
		Compliance criteria Clause-5.3.2.3	IEC 62368-1
		Terminals for connecting stripped wire Clause- 5.3.2.4	IEC 62368-1
		Insulation materials and requirements Clause- 5.4	IEC 62368-1

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E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL
AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 3 of 21

Validity: 08/08/2025 to 07/08/2028

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	Insulation Clause- 5.4.1.1	IEC 62368-1
		Properties of insulating material Clause-5.4.1.2	IEC 62368-1
		Pollution degrees Clause-5.4.1.5	IEC 62368-1
		Determination of working voltage Clause-5.4.1.8	IEC 62368-1
		Insulating surfaces Clause-5.4.1.9	IEC 62368-1
		Thermoplastic parts on which conductive metallic parts are directly mounted Clause-5.4.1.10	IEC 62368-1
		Clearances Clause- 5.4.2	IEC 62368-1
		Multiplication factors for altitudes higher than 2000 m above sea level Clause- 5.4.2.5	IEC 62368-1
		Compliance criteria Clause-5.4.2.6	IEC 62368-1
		Safeguards against transient voltages from external circuits Clause-5.4.10	IEC 62368-1
		Compliance criteria Clause-5.4.10.3	IEC 62368-1
		Determination of Working Voltage Clause- 5.4.1.8.2	IEC 62368-1
		Procedure 1 for determining clearance Clause- 5.4.2.2	IEC 62368-1
		Procedure 2 for determining clearance Clause- 5.4.2.3	IEC 62368-1

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 4 of 21

Validity: 08/08/2025 to 07/08/2028

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	Determining transient voltages Clause- 5.4.2.3.2	IEC 62368-1
		Determining AC mains transient voltages Clause- 5.4.2.3.2.2	IEC 62368-1
		Determining DC mains transient voltages Clause- 5.4.2.3.2.3	IEC 62368-1
		Determining external circuit transient voltages Clause- 5.4.2.3.2.4	IEC 62368-1
		Determining transient voltage levels by measurement Clause-5.4.2.3.2.5	IEC 62368-1
		Determination of Required Withstand Voltage Clause- 5.4.2.3.3	IEC 62368-1
		Determining clearances using required withstand voltage Clause- 5.4.2.3.4	IEC 62368-1
		Determining the adequacy of a clearance using an electric strength test Clause- 5.4.2.4	IEC 62368-1
		Creepage distances Clause- 5.4.3	IEC 62368-1
		Material group and CTI Clause-5.4.3.3	IEC 62368-1
		Compliance criteria Clause-5.4.3.4	IEC 62368-1
		Solid insulation Clause- 5.4.4.	IEC 62368-1
		Minimum distance through insulation Clause- 5.4.4.2	IEC 62368-1

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AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 5 of 21

Validity: 08/08/2025 to 07/08/2028

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	Separable thin sheet material Clause- 5.4.4.6.2	IEC 62368-1
		Test procedure for type testing of solid insulation Clause- 5.4.9.1	IEC 62368-1
		Solid insulation in semiconductor devices Clause- 5.4.4.4	IEC 62368-1
		Thin sheet material Clause- 5.4.4.6	IEC 62368-1
		General requirements Clause- 5.4.4.6.1	IEC 62368-1
		Solid insulation in wound components Clause- 5.4.4.7	IEC 62368-1
		Compliance criteria Clause-5.4.4.8	IEC 62368-1
		Solid insulation requirements at frequencies higher than 30 kHz Clause-5.4.4.9	IEC 62368-1
		Antenna terminal insulation Clause- 5.4.5	IEC 62368-1
		Humidity conditioning Clause- 5.4.8	IEC 62368-1
		Electric strength test Clause- 5.4.9	IEC 62368-1
		Transformer Overload Test Clause- 5.5.3	IEC 62368-1
		Protective conductor Clause- 5.6	IEC 62368-1
		Requirements for protective earthing conductors Clause- 5.6.3	IEC 62368-1

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 6 of 21

Validity: 08/08/2025 to 07/08/2028

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	Requirements for protective conductors Clause-5.6.2	IEC 62368-1
		Colour of insulation Clause-5.6.2.2	IEC 62368-1
		Requirements for protective bonding conductors Clause- 5.6.4	IEC 62368-1
		Resistance of the protective bonding system Clause-5.6.6	IEC 62368-1
		Reliable connection of a protective earthing conductor Clause- 5.6.7	IEC 62368-1
		Functional earthing Clause-5.6.8	IEC 62368-1
		Compliance Criteria for Resistance of the protective bonding system Clause- 5.6.6.3	IEC 62368-1
		Determination of the protective current Rating Clause-5.6.4.2	IEC 62368-1
		Mains supply as the source Clause- 5.6.4.2.1	IEC 62368-1
		Other than mains supply as the source Clause-5.6.4.2.2	IEC 62368-1
		Internal circuit as the source Clause- 5.6.4.2.3	IEC 62368-1
		Current limiting and overcurrent protective devices Clause-5.6.4.2.4	IEC 62368-1

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 7 of 21

Validity: 08/08/2025 to 07/08/2028

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	Terminals for protective conductors Clause-5.6.5	IEC 62368-1
		Resistance of the Protective Bonding System Clause- 5.6.6.2	IEC 62368-1
		Prospective touch voltage, touch current and protective conductor current Clause- 5.7	IEC 62368-1
		Measuring devices and networks Clause-5.7.2	IEC 62368-1
		Measurement of touch current Clause-5.7.2.1	IEC 62368-1
		Measurement of voltage Clause- 5.7.2.2	IEC 62368-1
		Equipment set-up, supply connections and earth connections Clause-5.7.3	IEC 62368-1
		Unearthed accessible parts Clause-5.7.4	IEC 62368-1
		Earthed accessible conductive parts Clause-5.7.5	IEC 62368-1
		Power source circuit classifications Clause- 6.2.2	IEC 62368-1
		Power measurement for worst-case fault Clause-6.2.2.2	IEC 62368-1
		Power measurement for worst-case power source fault Clause-6.2.2.3	IEC 62368-1
		PS1 Circuit Clause- 6.2.2.4	IEC 62368-1

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AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 8 of 21

Validity: 08/08/2025 to 07/08/2028

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	PS2 Circuit Clause- 6.2.2.5	IEC 62368-1
		PS3 Circuit Clause- 6.2.2.6	IEC 62368-1
		Classification of potential ignition sources Clause- 6.2.3	IEC 62368-1
		Arcing PIS Clause- 6.2.3.1	IEC 62368-1
		Resistive PIS Clause- 6.2.3.2	IEC 62368-1
		Safeguards against fire under normal operating conditions and abnormal operating conditions Clause- 6.3	IEC 62368-1
		Compliance criteria for Safeguards against fire under normal operating conditions and abnormal operating conditions Clause-6.3.2	IEC 62368-1
		Safeguards against fire under single fault Conditions Clause- 6.4	IEC 62368-1
		Reduction of the likelihood of ignition under single fault conditions in PS1 circuits Clause-6.4.2	IEC 62368-1
		Reduction of the likelihood of ignition under single fault conditions in PS2 circuits and PS3 circuits Clause-6.4.3	IEC 62368-1

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 9 of 21

Validity: 08/08/2025 to 07/08/2028

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	Control of fire spread in PS1 circuits Clause-6.4.4	IEC 62368-1
		Control of fire spread in PS2 circuits Clause-6.4.5	IEC 62368-1
		Control of fire spread in a PS3 circuit Clause-6.4.6	IEC 62368-1
		Separation of combustible materials from a PIS Clause- 6.4.7	IEC 62368-1
		Separation by distance Clause- 6.4.7.2	IEC 62368-1
		Separation by a fire barrier Clause- 6.4.7.3	IEC 62368-1
		Fire Enclosure Fire Barrier Clause- 6.4.8	IEC 62368-1
		Fire enclosure and fire barrier material properties Clause- 6.4.8.2	IEC 62368-1
		Requirements for a fire barrier Clause- 6.4.8.2.1	IEC 62368-1
		Requirements for a fire enclosure Clause-6.4.8.2.2	IEC 62368-1
		Constructional requirements for a fire enclosure and a fire barrier Clause- 6.4.8.3	IEC 62368-1
		Fire enclosure and fire barrier openings Clause-6.4.8.3.1	IEC 62368-1
		Top openings and top opening properties Clause-6.4.8.3.3	IEC 62368-1

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 10 of 21

Validity: 08/08/2025 to 07/08/2028

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	Bottom openings and bottom opening properties Clause- 6.4.8.3.4	IEC 62368-1
		Side openings and side opening properties Clause- 6.4.8.3.5	IEC 62368-1
		Integrity of a fire enclosure Clause- 6.4.8.3.6	IEC 62368-1
		Separation of a PIS from a fire enclosure and a fire barrier Clause-6.4.8.4	IEC 62368-1
		Mechanical energy source classifications Clause- 8.2	IEC 62368-1
		MS1 Clause-8.2.2	IEC 62368-1
		MS2 Clause-8.2.3	IEC 62368-1
		MS3 Clause-8.2.4	IEC 62368-1
		Instructional safeguards against moving parts Clause-8.5.4.3.2	IEC 62368-1
		Disconnection from the supply Clause-8.5.4.3.3	IEC 62368-1
		Static stability Clause- 8.6.2	IEC 62368-1
		Test setup for Static stability Clause- 8.6.2.1	IEC 62368-1
		Static stability test Clause-8.6.2.2	IEC 62368-1
		Downward force test Clause-8.6.2.3	IEC 62368-1

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 11 of 21

Validity: 08/08/2025 to 07/08/2028

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	Compliance criteria for Stability of equipment Clause- 8.6.2.4	IEC 62368-1
		Relocation stability Clause-8.6.3	IEC 62368-1
		Test method and compliance criteria for Relocation stability Clause-8.6.3.2	IEC 62368-1
		Glass slide test Clause- 8.6.4	IEC 62368-1
		Horizontal Force Test Clause- 8.6.5	IEC 62368-1
		Equipment Mounted to a Wall or Ceiling other structure Clause- 8.7	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
		Handle strength Clause- 8.8	IEC 62368-1
		Test method Handle strength Clause- 8.8.2	IEC 62368-1
		Wheels or casters attachment requirements Clause- 8.9	IEC 62368-1

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AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 12 of 21

Validity: 08/08/2025 to 07/08/2028

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	Test method for wheels or casters Attachment requirements Clause-8.9.2	IEC 62368-1
		Carts, stands, and similar carriers Clause- 8.10	IEC 62368-1
		Marking and instructions Clause- 8.10.2	IEC 62368-1
		Cart, stand or carrier loading test and compliance criteria Clause-8.10.3	IEC 62368-1
		Cart, stand or carrier impact test Clause- 8.10.4	IEC 62368-1
		Mechanical stability Clause-8.10.5	IEC 62368-1
		Thermal burn injury Clause- 9	IEC 62368-1
		Operating temperature measurement conditions Clause- Annex B.2.6	IEC 62368-1
		Maximum operating temperatures for materials, components and systems Clause- 5.4.1.4	IEC 62368-1
		Input test Clause- Annex B.2.5	IEC 62368-1
		Test for the permanence of markings Clause- Annex F.3.10	IEC 62368-1
		Safeguards against entry or consequences of entry of a foreign object Clause-Annex P.2	IEC 62368-1

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SCOPE OF DESIGNATION
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E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL
AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 13 of 21

Validity: 08/08/2025 to 07/08/2028

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	Metallized Coating and adhesive Securing Parts Clause- Annex P.4	IEC 62368-1
		Mechanical strength tests Clause- Annex T	IEC 62368-1
		Steady force test, 250 N Clause-Annex T.5	IEC 62368-1
		Glass fragmentation test Clause-Annex T.10	IEC 62368-1
		Stress relief test Clause- Annex T.8	IEC 62368-1
		Determination of accessible parts Clause- Annex V	IEC 62368-1
		Equipment for direct insertion into mains socket-outlets Clause- 4.7	IEC 62368-1
		Compliance criteria Clause-4.7.3	IEC 62368-1
		Apparatus Containing Lithium Coin, Button Cell Batteries Clause- 4.8.3	IEC 62368-1
		Battery replacement test Clause- 4.8.4.3	IEC 62368-1
		Crush Test, Clause- 4.8.4.6	IEC 62368-1
		Compliance criteria Clause- 4.8.5	IEC 62368-1
		Single pulse limits Clause- 5.2.2.4	IEC 62368-1
		Limits for repetitive pulses Clause- 5.2.2.5	IEC 62368-1

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E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL
AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 14 of 21

Validity: 08/08/2025 to 07/08/2028

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	Ringing signals Clause- 5.2.2.6	IEC 62368-1
		Test for pollution degree 1 environment and for an insulating compound Clause- 5.4.1.5.2	IEC 62368-1
		Insulation in transformers with varying dimensions Clause-5.4.1.6	IEC 62368-1
		Thermal cycling test procedure Clause- 5.4.1.5.3	IEC 62368-1
		Insulation in circuits generating starting pulses Clause- 5.4.1.7	IEC 62368-1
		Ball pressure test Clause- 5.4.1.10.3	IEC 62368-1
		Non-separable thin sheet material Clause-5.4.4.6.3	IEC 62368-1
		Standard test procedure for non-separable thin sheet material Clause- 5.4.4.6.4	IEC 62368-1
		Insulation of internal wire as a part of a Supplementary safeguard Clause- 5.4.6	IEC 62368-1
		Test method and compliance criteria for separation between external circuits and earth Clause-5.4.11.3	IEC 62368-1
		Mandrel test Clause- 5.4.4.6.5	IEC 62368-1
		Antenna terminal insulation Test Method Clause- 5.4.5.2	IEC 62368-1

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E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL
AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 15 of 21

Validity: 08/08/2025 to 07/08/2028

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	Antenna terminal insulation Compliance Criteria Clause- 5.4.5.3	IEC 62368-1
		Insulation between the mains and an external circuit consisting of a coaxial cable Clause-5.5.8	IEC 62368-1
		Test procedure for routine tests Clause- 5.4.9.2	IEC 62368-1
		Impulse test Clause- 5.4.10.2.2	IEC 62368-1
		Steady state test Clause- 5.4.10.2.3	IEC 62368-1
		Separation between external circuits and earth Clause-5.4.11	IEC 62368-1
		Requirements for separation between external circuits and earth Clause- 5.4.11.2	IEC 62368-1
		Insulating liquid Clause-5.4.12	IEC 62368-1
		General requirements for Insulating liquid Clause-5.4.12.1	IEC 62368-1
		Electric strength of an insulating liquid Clause-5.4.12.2	IEC 62368-1
		Compatibility of an insulating liquid Clause-5.4.12.3	IEC 62368-1
		Capacitor Discharge after Disconnection of a Connector Clause- 5.5.2.2	IEC 62368-1

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E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL
AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 16 of 21

Validity: 08/08/2025 to 07/08/2028

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	Requirements when touch current exceeds ES2 limits Clause- 5.7.6	IEC 62368-1
		Prospective touch voltage and touch current associated with external circuits Clause-5.7.7	IEC 62368-1
		Touch current from coaxial cables Clause-5.7.7.1	IEC 62368-1
		Prospective touch voltage and touch current associated with paired conductor cables Clause-5.7.7.2	IEC 62368-1
		Summation of touch currents from external circuits Clause-5.7.8	IEC 62368-1
		Test generators Clause-Annex D	IEC 62368-1
		Impulse test generators Clause- Annex D.1	IEC 62368-1
		Antenna interface test generator Clause- Annex D.2	IEC 62368-1
		Flammability of an insulating liquid Clause-6.4.9	IEC 62368-1
		Equipment containing work cells with MS3 parts Clause- 8.5.4.2	IEC 62368-1
		Protection of persons in the work cell Clause-8.5.4.2.1	IEC 62368-1
		Access Protection Override Clause- 8.5.4.2.2	IEC 62368-1

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E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL
AREA, MATHURA ROAD, DELHI-110044

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 17 of 21

Validity: 08/08/2025 to 07/08/2028

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	Visual indicator Clause-8.5.4.2.2.2	IEC 62368-1
		Thermoplastic temperature stability Clause-8.10.6	IEC 62368-1
		Mounting means for slide-rail mounted equipment SRME Clause-8.11	IEC 62368-1
		Mechanical strength test Clause-8.11.3	IEC 62368-1
		Downward force test Clause-8.11.3.1	IEC 62368-1
		Lateral push force test Clause-8.11.3.2	IEC 62368-1
		Integrity of slide rail end stops Clause- 8.11.3.3	IEC 62368-1
		Telescoping or Rod Antennas Clause- Annex T.11	IEC 62368-1
		Requirements for wireless power transmitters Clause- 9.6	IEC 62368-1
		Audio Signal Clause- Annex E.1	IEC 62368-1
		Cord anchorages and strain relief for nondetachable power supply cords Clause- Annex G.7.3	IEC 62368-1
		Cord strain relief Clause-Annex G.7.3.2	IEC 62368-1
		Cord sheath or jacket position Clause- Annex G.7.3.2.3	IEC 62368-1
		Cord entry Clause- Annex G.7.4	IEC 62368-1

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**GOVERNMENT OF INDIA
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E-26 BLOCK B-1 MOHAN CO-OPERATIVE INDUSTRIAL
AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 18 of 21

Validity: 08/08/2025 to 07/08/2028

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	Voltage surge test Clause-Annex G.10.4	IEC 62368-1
		Creep resistance test Clause-Annex G.15.2.2	IEC 62368-1
		Vibration test Clause-Annex G.15.2.4	IEC 62368-1
		Criteria for telephone ringing signals Clause- Annex H	IEC 62368-1
		Charging voltage and current Clause-Annex M.4.4.4	IEC 62368-1
		Circuits intended for interconnection with building wiring Clause- Annex Q.1, Q.2	IEC 62368-1
		Tests for resistance to heat and fire Clause- Annex S	IEC 62368-1
		Flammability test for fire enclosure and fire barrier materials of equipment where the steady state power does not exceed 4000 W Clause-Annex S.1	IEC 62368-1
		Flammability test for fire enclosure and fire barrier integrity Clause-Annex S.2	IEC 62368-1
		Flammability tests for the bottom of a fire enclosure Clause- Annex S.3	IEC 62368-1
		Flammability classification of materials Clause- Annex S.4	IEC 62368-1

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AREA, MATHURA ROAD, DELHI-110044**

Certificate Number: TEC/MRA/CAB/IND-D/107

Page 19 of 21

Validity: 08/08/2025 to 07/08/2028

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	Flammability test for fire enclosure materials of equipment with a steady state power exceeding 4 000 W Clause-Annex S.5	IEC 62368-1
		Water spray test Clause-Annex Y.5.3	IEC 62368-1
3	Uninterruptible Power System UPS-General and Safety requirements	Abnormal Operating and Fault Conditions Clause- 8.3	IEC 62040-I
		Backfeed Protection Clause- 5.1.4	IEC 62040-I
		Clearance, Creepage Distance and Distance Through Insulation Clause- 5.7	IEC 62040-I
		Connection to Telecommunication Networks Clause- 5.2.2	IEC 62040-I
		Construction Details Clause 7.4	IEC 62040-I
		Durability of Markings Clause- 4.7.16	IEC 62040-I
		Electric Strength Clause- 8.2	IEC 62040-I
		General Provisions for Earth Leakage Clause- 8.1	IEC 62040-I
		General provisions for connection to power cord anchorage and strain relief Clause- 6.2.1	IEC 62040-I
		Limited Power source Clause- 5.2.5	IEC 62040-I
		Limited current circuits Clause- 5.2.3	IEC 62040-I

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 20 of 21

Validity: 08/08/2025 to 07/08/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
	Standard for Environmental Testing of Telecommunication Equipment	Mechanical Strength Clause- 7.3	IEC 62040-I
		Power Interface Clause- 4.6	IEC 62040-I
		Resistance to Fire Clause- 7.5	IEC 62040-I
		Stability Clause- 7.2	IEC 62040-I
		Temperature rise Clause- 7.7	IEC 62040-I
		Protective Earthing and bonding Clause 5.3	IEC 62040-I
		Over current and earth fault protection Clause- 5.5.1/5.5.2	IEC 62040-I
		Protection Against access to live part Clause- 5.1.1	IEC 62040-I
		Safety extra low voltage-SELV circuit Clause- 5.2.1	IEC 62040-I
		Telephone network voltage circuits- TNV circuit Clause- 5.2.2	IEC 62040-I
		Wiring terminals for external power conductors Clause- 6.3	IEC 62040-I
		Motor tests under abnormal conditions Clause- Annex B	IEC 62040-I
4	Secondary cells and batteries Lithium-ion system- Safety Requirements	Continuous Charging at constant voltage Cell Clause- 7.2. 1	IEC 62133-2
		Crush cells Clause- 7.3.5	IEC 62133-2

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Certificate Number: TEC/MRA/CAB/IND-D/107

Page 21 of 21

Validity: 08/08/2025 to 07/08/2028

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/Specification
		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
		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

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