



सत्यमेव जयते



**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 International Centre for Automotive Technology, Centre-1**  
has been assessed and designated as Conformity Assessment Body (CAB)  
for its facilities at

**Plot No. 26, HSIIDC, Sector-3, IMT Manesar, Gurugram- 122 050, Haryana**  
**In the field of Testing**

**Certificate No. TEC/MRA/CAB/IND-D/55**


**Issue Date: 25/07/2022**

**Valid Until: 24/07/2025**

**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/55 dated 25/07/2022 issued to  
M/s International Centre for Automotive Technology, Centre-1  
Plot No. 26, HSIIDC, Sector-3, IMT Manesar,  
Gurugram- 122 050 (Haryana)



Validity: - 25/07/2022 to 24/07/2025

### 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.

A handwritten signature in blue ink, appearing to be 'S. S. S.' or similar.

A handwritten signature in blue ink, appearing to be 'J. S. S.' or similar.

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**

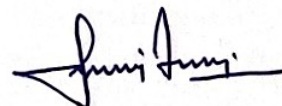
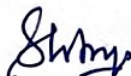
As and when required, DA shall conduct surveillance assessments and other non-routine assessments on the Designated CABs to ensure that standards of practices are maintained as well as to investigate complaints made against them.

#### **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 International Centre for Automotive Technology, Centre-1  
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Certificate Number: TEC/MRA/CAB/IND-D/55


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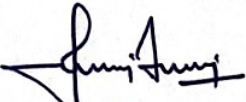
Last Amended on: \_\_\_\_

Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
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1.	Information Technology Equipment- Safety Requirements	Power interface Clause- 1.6	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Marking and instruction Clause- 1.7.1 to 1.7.10	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Durability Clause- 1.7.11	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Removal Parts Clause- 1.7.12	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Replaceable Batteries Clause- 1.7.13	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Equipment for Restricted Access locations Clause- 1.7.14	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Access to Energized Parts Clause- 2.1.1.1	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Battery Compartments Clause- 2.1.1.2	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Access to ELV Wiring Clause- 2.1.1.3	IEC 60950-1: 2005+ A1: 2009 + A2:2013

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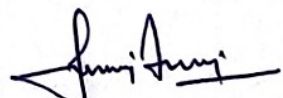
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Last Amended on: \_\_\_\_

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment- Safety Requirements	Access to Hazardous Voltage Circuit wiring Clause- 2.1.1.4	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Energy Hazards Clause- 2.1.1.5	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Manual Controls Clause- 2.1.1.6	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Discharge of Capacitor in Equipments Clause- 2.1.1.7	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Energy Hazards DC Mains Supply Clause- 2.1.1.8	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Audio Amplifier in Information Technology Equipment Clause- 2.1.1.9	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Protection in Service Access Area Clause- 2.1.2	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Protection in Restricted Access location Clause- 2.1.3	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		SELV Circuits Clause- 2.2	IEC 60950-1: 2005+ A1: 2009 + A2:2013

  
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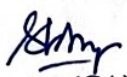
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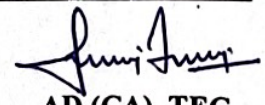
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Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment- Safety Requirements	Limited Current Circuits Clause- 2.4	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Limited Power Source Clause- 2.5	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Provision for Earthing and Bonding Clause- 2.6.1 to 2.6.3, 2.6.4 to 2.6.5	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Over- Current and Earth Fault Protection in Primary Circuits Clause- 2.7	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Safety Interlocks Clause- 2.8	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Electrical Insulation Clause- 2.9	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Clearances, Creepage Distances Clause 2.10	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Wiring, connections and supply Clause- 3.1.1 to 3.5.4	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Stability Test Clause-4.1	IEC 60950-1: 2005+ A1: 2009 + A2:2013

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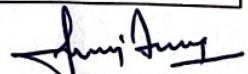
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Last Amended on: \_\_\_\_\_

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment- Safety Requirements	Mechanical Strength Impact test, Drop test, Stress Relief test Clause- 4.2.2 to 4.2.7	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Wall or ceiling mounted Equipment Clause- 4.2.10	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Edges and Corners Clause- 4.3.1	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Handles and Manual Controls Clause- 4.3.2	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Adjustable Controls Clause- 4.3.3	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Connection by Plugs and Sockets Clause- 4.3.5	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Direct Plug-in Equipment Clause- 4.3.6	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Heating elements in Earthed Equipment Clause- 4.3.7	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Batteries Clause- 4.3.8	IEC 60950-1: 2005+ A1: 2009 + A2:2013

  
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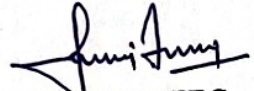
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Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Information Technology Equipment- Safety Requirements	Oil and Grease Clause- 4.3.9	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Protection in Operator Access areas Clause- 4.4.2	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Protection in Restricted Access areas Clause- 4.4.3	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Protection in Service Access areas Clause- 4.4.4	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Thermal Requirements Clause- 4.5.1 to 4.5.5	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Opening in Enclosure Clause- 4.6	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Resistance to Fire Clause- 4.7	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Touch Current and Protective Conductor Current Clause- 5.1	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Electric strength Clause- 5.2	IEC 60950-1: 2005+ A1: 2009 + A2:2013

  
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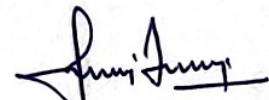
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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	<b>Information Technology Equipment- Safety Requirements</b>	Abnormal Operating and Fault Conditions Clause- 5.3	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Connection to Telecommunication Networks Clause- 6.0	IEC 60950-1: 2005+ A1: 2009 + A2:2013
		Connection to Cable Distribution System Clause- 7.0	IEC 60950-1: 2005+ A1: 2009 + A2:2013
<b>2. Environmental Testing</b>	Low Temperature (Cold Cycle)	QM-333 ISSUE MARCH 2010	
	High Temperature (Dry Heat Cycle)	QM-333 ISSUE MARCH 2010	
	Tropical Exposure (Damp Heat Cyclic)	QM-333 ISSUE MARCH 2010	
	Rapid Temperature Cycle	QM-333 ISSUE MARCH 2010	
	Damp heat (Steady State)	QM-333 ISSUE MARCH 2010	

  
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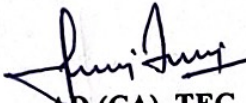
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Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	<b>Environmental Testing</b>	Vibration Test	QM-333 ISSUE MARCH 2010
		Sealing (Gas tightness)/ High Altitude Test	QM-333 ISSUE MARCH 2010
		Water Immersion Test	QM-333 ISSUE MARCH 2010
		Corrosion Salt Test	QM-333 ISSUE MARCH 2010
		Drop Test	QM-333 ISSUE MARCH 2010
		Topple Test	QM-333 ISSUE MARCH 2010
		Fall Test	QM-333 ISSUE MARCH 2010
		Bump / Roadability Test	QM-333 ISSUE MARCH 2010
		Rain Test	QM-333 ISSUE MARCH 2010
		Dust Test	QM-333 ISSUE MARCH 2010

  
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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
3.	Secondary Cells and Batteries containing Alkaline or other Non-Acid Electrolytes (Lithium system)- Safety Requirement	External Short Circuit Test Clause- 7.3.1	IEC 62133-2:2017
		External Short Circuit Test Clause- 7.3.2	IEC 62133-2:2017
		Free Fall Test Clause- 7.3.3	IEC 62133-2:2017
		Thermal Abuse Test Clause- 7.3.4	IEC 62133-2:2017
		Crush (cells) Test Clause- 7.3.5	IEC 62133-2:2017
		Overcharging Test Clause-7.3.6	IEC 62133-2:2017
		Forced Discharge (cells) Test (Clause 7.3.7)	IEC 62133-2:2017

  
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Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
4.	Uninterruptible Power Supply (UPS)- Safety Requirement	Specific Applications-Annex H "Degree of Protection against foreign objects indicated by the , first characteristic Numeral" Clause- 1.2	IEC62040-1/ IS 16242 (Part 1)
		Disconnection from main supply Clause- 3.4	IEC62040-1/ IS 16242 (Part 1)
		Stability Clause- 4.1	IEC62040-1/ IS 16242 (Part 1)
		Components Clause- 4.5	IEC62040-1/ IS 16242 (Part 1)
		Power Interfaces Clause- 4.6	IEC62040-1/ IS 16242 (Part 1)
		Markings and instructions Clause- 4.7	IEC62040-1/ IS 16242 (Part 1)
		Protection for UPS intended to be used in Operator Access areas Clause- 5.1.1	IEC62040-1/ IS 16242 (Part 1)
		Protection for UPS intended to be used in Service Access area Clause- 5.1.2	IEC62040-1/ IS 16242 (Part 1)

  
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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Uninterruptible Power Supply (UPS)- Safety Requirement	Protection for UPS intended to be used in Restricted Access area Clause- 5.1.3	IEC62040-1/ IS 16242 (Part 1)
		Emergency Switching (Disconnect) Device Clause- 5.1.5	IEC62040-1/ IS 16242 (Part 1)
		Safety Extra Low Voltage-SELV Clause- 5.2.1	IEC62040-1/ IS 16242 (Part 1)
		Telephone Network Voltage Circuits Clause- 5.2.2	IEC62040-1/ IS 16242 (Part 1)
		Limited Current Circuits Clause- 5.2.3	IEC62040-1/ IS 16242 (Part 1)
		External Signaling Circuits Clause- 5.2.4	IEC62040-1/ IS 16242 (Part 1)
		Limited Power Source Clause- 5.2.5	IEC62040-1/ IS 16242 (Part 1)

  
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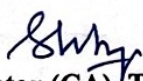
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Sl. No.	Telecom Equipment/ Product	Test Parameter or Type of Testing	Standard/ Specification
	Uninterruptible Power Supply (UPS)- Safety Requirement	Protective Earthing and Bonding Clause- 5.3	IEC62040-1/ IS 16242 (Part 1)
		AC and D.C. Power Isolation Clause- 5.4	IEC62040-1/ IS 16242 (Part 1)
		Over current and Earth Fault Protection Clause- 5.5	IEC62040-1/ IS 16242 (Part 1)
		Protection of Personnel - Safety Interlocks Clause- 5.6	IEC62040-1/ IS 16242 (Part 1)
		Clearances, Creepage distances and distances through insulation Clause- 5.7	IEC62040-1/ IS 16242 (Part 1)
		Wiring Connection and Supply (Clause 6.0)	IEC62040-1/ IS 16242 (Part 1)
		Enclosure Clause- 7.1	IEC62040-1/ IS 16242 (Part 1)

  
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Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Uninterruptible Power Supply (UPS)- Safety Requirement	Mechanical Strength Clause- 7.3	IEC62040-1/ IS 16242 (Part 1)
		Construction Details Clause- 7.4	IEC62040-1/ IS 16242 (Part 1)
		Resistance to Fire Clause- 7.5	IEC62040-1/ IS 16242 (Part 1)
		Battery Location Clause- 7.6	IEC62040-1/ IS 16242 (Part 1)
		Thermal Requirements Clause- 7.7	IEC62040-1/ IS 16242 (Part 1)
		General Provision for Earth Leakage Test Clause- 8.1	IEC62040-1/ IS 16242 (Part 1)
		Electric Strength Clause- 8.2	IEC62040-1/ IS 16242 (Part 1)

  
Director (CA), TEC

  
AD (CA), TEC

\*The validity of Certificate is up to 24/07/2025 or the continued validity of NABL Accreditation, whichever is earlier.

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

Laboratory Name: M/s International Centre for Automotive Technology, Centre-1  
Plot No. 26, HSIIDC, Sector-3, IMT Manesar  
Centre- I, Gurugram- 122 050 (Haryana)


Certificate Number: TEC/MRA/CAB/IND-D/55

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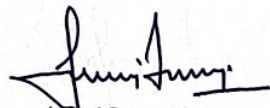
Validity: 25/07/2022 to 24/07/2025

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

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing	Standard/ Specification
	Uninterruptible Power Supply (UPS)- Safety Requirement	Abnormal Operating & Fault Condition Clause- 8.3	IEC62040-1/ IS 16242 (Part 1)
		Connections to Telecommunication Network Clause- 9.0	IEC62040-1/ IS 16242 (Part 1)

  
Director (CA), TEC

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AD (CA), TEC