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GOVERNMENT OF INDIA
TELECOMMUNICATION ENGINEERING CENTRE
(Department of Telecommunications)
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001

CERTIFICATE OF DESIGNATION

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

Dated: 25.07.2019

This is to certify that **M/s International Centre for Automotive Technology, Manesar** has qualified the criteria for designation as CONFORMITY ASSESSMENT BODY (CAB), as described below, to carry out product testing activities specified in the Annexure-I subject to the terms and conditions specified in Annexure-II.

CAB DESCRIPTION

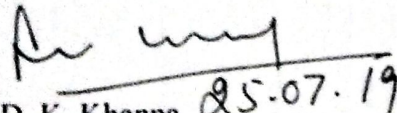
Name of CAB : **M/s International Centre for Automotive Technology, Manesar**

Address of CAB : Plot No-26, HSIIDC, Sec-3, IMT Manesar, Gurgaon, Haryana

CAB Identification : IND055

Date of Issue : 25.07.2019

Date of Expiry : 3 Years from date of issue of this certificate or till the continued validity of Certificate issued by NABL, whichever is earlier.


D. K. Khanna 25.07.19
Deputy Director General (MRA)
For Designating Authority
TEC



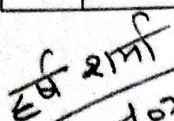
Annexure-I Certificate No: TEC/MRA/CAB/IND-D/55 dated 25.07.2019 issued to
M/s International Centre for Automotive Technology, Manesar.

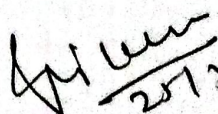
Sl. No.	1	2	3	4
	Telecom Equipment/Product	Type of Testing	Technical Regulation	Date of Designation
1.	Information Technology Equipment- Safety Requirements	All types of testing covered in Technical regulations mentioned in column 3 only for following tests: 1 Power interface (Clause 1.6) 2 Marking and instruction (Clause 1.7.1 to 1.7.10) 3 Durability (Clause 1.7.11) 4 Removal Parts (Clause 1.7.12) 5 Replaceable batteries (Clause 1.7.13) 6 Equipment for restricted access locations (Clause 1.7.14) 7 Access to energized parts (Clause 2.1.1.1) 8 Battery compartments (Clause 2.1.1.2) 9 Access to ELV wiring (Clause 2.1.1.3) 10 Access to hazardous voltage circuit wiring (Clause 2.1.1.4) 11 Energy hazards (Clause 2.1.1.5) 12 Manual controls (Clause 2.1.1.6) 13 Discharge of capacitor in equipments (Clause 2.1.1.7) 14 Energy hazards DC mains supply (Clause 2.1.1.8)	IEC 60950-1:2005 & A1: 2009 & A2: 2013	25/07/2019

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		15 Audio amplifier in information technology equipment (Clause 2.1.1.9) 16 Protection in service access area (Clause 2.1.2) 17 Protection in restricted access location (Clause 2.1.3) 18 SELV circuits (Clause 2.2) 19 TNV Circuits (Clause 2.3) * 20 Limited Current Circuits (Clause 2.4) 21 Limited Power Source (Clause 2.5) 22 Provision for earthing and bonding (Clause 2.6.1 to 2.6.3) (Clause 2.6.4 to 2.6.5) * 23 Over- current and earth fault protection in primary circuits (Clause 2.7) 24 Safety interlocks (Clause 2.8) 25 Electrical Insulation (Clause 2.9) 26 Clearances, Creepage Distances (Clause 2.10) 27 Wiring, connections and supply (Clause 3.1.1 to 3.5.4) 28 Stability test (Clause 4.1) 29 Mechanical strength Impact test, Drop test, stress relief test (Clause 4.2.2 to 4.2.7) 30 Wall, or ceiling mounted equipment (Clause 4.2.10) 31 Edges and corners (Clause 4.3.1) 32 Handles and manual controls (Clause 4.3.2) 33 Adjustable controls (Clause 4.3.3)		
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		34 Connection by Plugs and Sockets (Clause 4.3.5) 35 Direct plug-in equipment (Clause 4.3.6) 36 Heating elements in earthed equipment (Clause 4.3.7) 37 Batteries (Clause 4.3.8) 38 Oil and grease (Clause 4.3.9) 39 Dust Powders, liquids and gases (Clause 4.3.10) 40 Protection in operator access areas (Clause 4.4.2) 41 Protection in restricted access areas (Clause 4.4.3) 42 Protection in service access areas (Clause 4.4.4) 43 Thermal Requirements (Clause 4.5.1 to 4.5.5) 44 Opening in enclosure (Clause 4.6) 45 Resistance to fire (Clause 4.7) 46 Touch current and protective Conductor current (Clause 5.1) 47 Electric strength (Clause 5.2) 48 Abnormal Operating and Fault Conditions (Clause 5.3) 49 Connection to telecommunication networks (Clause 6.0) 50 Connection to cable distribution system (Clause 7.0)		
2.	Environmental Testing	All types of testing covered in Technical regulations mentioned in column 3 only for following tests:	QM-333 ISSUE	25/07/2019

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		1 Low Temperature (Cold Cycle) 2 High temperature (Dry Heat Cycle) 3 Tropical exposure (Damp Heat Cyclic) 4 Rapid temperature cycle 5 Damp heat (Steady state) 6 Vibration Test * 7 Sealing (Gas tightness)/ High Altitude Test * 8 Water immersion Test * 9 Corrosion – Salt * 10 Drop Test * 11 Topple Test * 12 Fall Test * 13 Bump / Roadability * 14 Rain Test * 15 Dust Test *	MARCH 2010	
3.	Secondary cells and batteries containing alkaline or other non-acid electrolytes (Lithium system)- Safety Requirement	All types of testing covered in Technical regulations mentioned in column 3 only for following tests: 1 External Short Circuit (cell) Test (Clause 8.3.1) 2 External Short Circuit (Battery) Test (Clause 8.3.2) 3 Free Fall Test (Clause 8.3.3) 4 Thermal Abuse (cells) Test (Clause 8.3.4) 5 Crush (cells) Test (Clause 8.3.5) 6 Overcharging of Battery Test (Clause 8.3.6) 7 Forced Discharge (cells) Test (Clause 8.3.7)	IEC 62133:2012 **	25/07/2019

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4.	Uninterruptible Power Supply (UPS) - Safety Requirement	<p>All types of testing covered in Technical regulations mentioned in column 3 only for following tests:</p> <ol style="list-style-type: none"> 1 Specific Applications-Annex H “Degree of Protection against foreign objects indicated by the first characteristic Numeral” (Clause 1.2) 2 Disconnection from main supply (Clause 3.4) 3 Stability (Clause 4.1) 4 UPS loading during tests (Clause 4.4) * 5 Components (Clause 4.5) 6 Power Interfaces (Clause 4.6) 7 Markings and instructions (Clause 4.7) 8 Protection for UPS intended to be used in operator access areas (Clause 5.1.1) 9 Protection for UPS intended to be used in service access area (Clause 5.1.2) 10 Protection for UPS intended to be used in restricted access area (Clause 5.1.3) 11 Emergency switching (Disconnect) Device (Clause 5.1.5) 12 Safety extra low voltage-SELV (Clause 5.2.1) 13 Telephone network voltage circuits (Clause 5.2.2) 14 Limited current circuits (Clause 5.2.3) 15 External signaling circuits (Clause 5.2.4) 16 Limited power source (Clause 5.2.5) 	IEC62040-1/ IS 16242 (Part 1)	25/07/2019
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		17 Protective earthing and bonding (Clause 5.3)		
		18 AC and D.C. Power Isolation (Clause 5.4)		
		19 Over current and earth fault Protection (Clause 5.5)		
		20 Protection of personel - Safety Interlocks (Clause 5.6)		
		21 Clearances, Creepage distances and distances through insulation (Clause 5.7)		
		22 Wiring connection and supply (Clause 6.0)		
		23 Enclosure (Clause 7.1)		
		24 Mechanical Strength (Clause 7.3)		
		25 Construction Details (Clause 7.4)		
		26 Resistance to fire (Clause 7.5)		
		27 Battery location (Clause 7.6)		
		28 Thermal Requirements (Clause 7.7)		
		29 General Provision for earth leakage test (Clause 8.1)		
		30 Electric Strength (Clause 8.2)		
		31 Abnormal Operating & Fault Condition (Clause 8.3) *		
		32 Connections to telecommunication network (Clause 9.0)		

*** Note: -** For these tests, Certificate is issued on provisional basis for period of six months as per amendment issued dated 18/06/2018 for CAB designation scheme of TEC (ISSUE 2 NO. TEC/DES-01/02.DEC.2017).

**** Note-** Valid till 14th March, 2020 as this older version of standard will be superseded by newer version i.e. IEC 62133-2:2017.

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Annexure-II Certificate No: TEC/MRA/CAB/IND-D/55 dated 25.07.2019 issued to
M/s International Centre for Automotive Technology, Manesar.

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.
9. It shall notify the DA in writing of occurrence of any of the following incidence within 2 weeks of its occurrence

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- 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

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

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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**Telecommunication Engineering Centre
(Department of Telecommunications)
Khurshid Lal Bhawan, Janpath, New Delhi – 110001**

No. 1-53 /2018-MRA/TEC

Dated: 28-08-2020

Addendum

Subject: Designation of M/s ICAT, Centre-I, Plot No-26, Manesar as Conformity Assessment Body (CAB)

Ref: CAB Designation Certificate No. TEC/MRA/CAB/IND-D/55 dated 25/07/2019

It is certified that the provisional designation granted to M/s **International Centre for Automotive Technology, Centre-I**, Plot No-26, Manesar as CONFORMITY ASSESSMENT BODY (CAB) is hereby regularised to carry out product testing activities for following tests on receipt of necessary amendment in NABL scope certificate:-

Sl. No.	Telecom Equipment/Product	Type of Testing	Technical Regulation
1.	Information Technology Equipment-Safety Requirements	1. Provision for earthing and bonding (Clause 2.6.4 to 2.6.5)	IEC 60950-1:2005 A1:2009, A2:2013
2.	Environmental Testing	1. Vibration Test 2. Sealing (Gas tightness)/ High Altitude Test 3. Water immersion Test 4. Corrosion – Salt 5. Drop Test 6. Topple Test 7. Fall Test 8. Bump / Roadability 9. Rain Test 10. Dust Test	QM-333, ISSUE MARCH 2010
3.	Uninterruptible Power Supply (UPS) - Safety Requirement	1. Abnormal operating and fault conditions (Clause 8.3)	IEC 62040-1(2008)/ IS 16242 (Part-1)

2. The provisional designation granted vide letter no. 1-53/2018-MRA/TEC dated 25.07.2019 in respect of following test parameters is hereby withdrawn immediately from the Scope of CAB Designation of M/s ICAT, Centre-I, Manesar due to non inclusion/requisite correction in NABL Accreditation Scope of CAB.

Sl. No.	Telecom Equipment/Product	Type of Testing	Technical Regulation	Remarks
1.	Information Technology Equipment-Safety Requirements	1. TNV Circuits (Clause 2.3)	IEC 60950-1:2005 A1:2009, A2:2013	Range of testing/ limit is 1000 V in NABL
2.	Uninterruptible Power Supply (UPS) - Safety Requirement	2. UPS Loading during tests (Clause 4.4)	IEC 62040-1(2008)/ IS 16242 (Part-1)	This Clause is not mentioned in NABL.



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3. Further, it is intimated that the designation of M/s ICAT, Centre-I, Manesar for "Secondary cells and batteries containing alkaline or other non-acid electrolytes (Lithium system)-Safety Requirement as per Standard IEC 62133:2012 has been changed as IEC 62133-2:2017, due to superseding of IEC 62133:2012 by new Standard IEC 62133-2:2017 and accordingly the scope of designation against 62133-2:2017 is as per detail given below:

Sl. No.	Telecom Equipment/ Product	Type of Testing	Technical Regulation
1.	Secondary cells and batteries containing alkaline or other non-acid electrolytes (Lithium system)- Safety Requirement	<p>All types of testing covered in Technical regulations mentioned in column 3 only for following tests:</p> <ol style="list-style-type: none"> 1. External Short circuit test (Clause 7.3.1) 2. External Short circuit test (Clause 7.3.2) 3. Free Fall test (Clause 7.3.3) 4. Thermal abuse test (Clause 7.3.4) 5. Crush (cells) test (Clause 7.3.5) 6. Overcharge test (Clause 7.3.6) 7. Forced discharge test (Clause 7.3.7) 	IEC 62133-2: 2017

4. This letter is issued as an Addendum to CAB Designation Certificate No. TEC/MRA/CAB/IND-D/55 dated 25/07/2019 already issued with CAB identity IND055.

5. The date of validity of CAB Designation Certificate, Scope in respect of all other test parameters mentioned in Annexure-I, of Certificate, except in respect of test parameters mentioned herein above, all terms and conditions mentioned in the Certificate shall remain unchanged.


28/08/2020

(Kamal Bhagat)

Deputy Director General (MRA)
For Designating Authority
TEC

To,

✓ The Technical Manager

M/s International Centre for Automotive Technology, Centre-I,
Plot No-26, HSIIDC, Sec-3, IMT Manesar, Gurgaon, Haryana.