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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/17-II

Dated: 25.07.2019

This is to certify that **M/s AB MSAI Research Labs Private Limited, New Delhi** 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

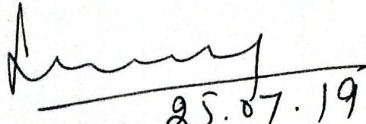
Name of CAB : **M/s AB MSAI Research Labs Private Limited, New Delhi.**

Address of CAB : Unit No. 201, 2nd floor, Aggarwal Cyber Plaza C-4, 5, 6
Netaji Subhash Place, Pitampura, New Delhi - 110034, India.

CAB Identification : IND017

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.


25.07.19.

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



Annexure-I Certificate No: TEC/MRA/CAB/IND-D/17-II dated 25.07.2019 issued to
M/s AB MSAI Research Labs Private Limited, New Delhi.

Sl. No.	1	2	3	4
	Telecom Equipment/Product	Type of Testing	Technical Regulation	Date of Designation
1.	Safety Requirement for Batteries	All types of testing covered in Technical regulations mentioned in column 3 only for following tests: 1 External short circuit (Cell)- For Lithium (Clause 8.3.1) 2 External short circuit (Battery)- For Lithium (Clause 8.3.2) 3 Thermal abuse (Cell)- For Lithium (Clause 8.3.4) 4 Crush (Cell) - For Lithium (Clause 8.3.5) 5 Overcharging of battery - For Lithium (Clause 8.3.6) 6 Forced discharge (Cell)- For Lithium (Clause 8.3.7)	IEC 62133: 2012 *	25/07/2019
2.	Safety Testing for Instruments for Measurement and Laboratory use	All types of testing covered in Technical regulations mentioned in column 3 only for following tests: 1 Mains Supply (Clause 5.1.3) 2 Single Fault Test (Clause 4.4.4) 3 Equipment temperature limits and resistance to heat (Clause 10.1 to 10.4) 4 Durability of markings (Clause 5.3)	IEC 61010-1:2010	25/07/2019

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Signature
25/7/19

		5 Determination of Accessible parts (Clause 6.2) 6 Touch Current (Clause 6.1.1.6.3) 7 Protective Bonding (Clause 6.5.2) 8 Plugs & Connectors (Capacitor discharge test) (Clause 6.10.3) 9 Clearance & Creepage distance (Clause 6.7.2.1, 6.7.3.3) 10 Humidity conditioning (Clause 6.8.2) 11 Cord entry (Clause 6.10.2.1) 12 Cord anchorage (Clause 6.10.2.2) 13 Stability (Clause 7.4) 14 Impact (Clause 8.2.2) 15 Drop (Clause 8.3) 16 Limited Energy Circuit measurements (Clause 9.4) 17 Non-Metallic enclosure (Stress relief) (Clause 10.5.2) 18 Insulating Material (Ball Pressure) (Clause 10.5.3)		
3.	Environmental Testing for Telecom Equipments	All types of testing covered in Technical regulations mentioned in column 3 only for following tests: 1 Low Temperature Test (Cold Cycle) 2 High Temperature Test (Dry Heat Cycle) 3 Tropical Exposure Test (Damp Heat Cycle) 4 Rapid Temperature Cycle Test 5 Damp Heat (Steady state)	QM-333 March 2010	25/07/2019

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		6 Sealing Test (Gas tightness)/ High altitude test		
4.	Mobile Phone Handsets	<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 IMEI and MEID/ ESN [IS 16333(Part-1):2015 Clause 4.8] 2 Support for Indian Language (applicable to mobile handset only) [IS 16333 (Part 3): 2017 except Clause 6] 	TEC/ER/MT/ MUE- 001/01/April- 2018	25/07/2019

*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/17-II dated 25.07.2019 issued to
M/s AB MSAI Research Labs Private Limited, New Delhi.

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)
Gate No.5, Khurshid Lal Bhawan, Janpath, New Delhi-110001.**

No. 1-45/2018-MRA/TEC

Dated: - 26.08.2020

Addendum

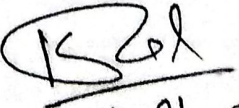
Subject: - Designation of M/S AB MSAI Research Labs Private Limited, New Delhi as Conformity Assessment Body (CAB).

- Ref:-**
1. CAB Designation Certificate No. TEC/MRA/CAB/IND-D/17-II dated 25.07.2019.
 2. M/s AB MSAI Research Labs Pvt. Ltd. letter(s) dated 18.03.2020 & 25.06.2020

Reference is invited to M/s AB MSAI Research Labs Pvt. Ltd. letter(s) dated 18.03.2020 & 25.06.2020 regarding

- (i) Change of address in TEC CAB designation certificate due to change in the location of Lab from existing address (Unit No. 201, 2nd floor, Aggarwal Cyber Plaza C-4, 5, 6 Netaji Subhash Place, Pitampura, New Delhi - 110034) to present address {A-1/6(Basement, Stilt and U.G.F.) Paschim Vihar, New Delhi-110063}.
 - (ii) Inclusion of test parameters of "Support for emergency services-Panic button in all mobile handset" and "Support for emergency Services- Facility of identifying location through satellite based GPS in smart Phone handsets" in Designation certificate along with updation of new ER no. of Mobile Phone handset.
 - (iii) Change of Standard of Safety Requirements for Batteries as IEC 62133-2:2017 due to superseding of old Standard IEC 62133:2012 by IEC 62133-2:2017.
2. In this regard, it is intimated that your request has been examined and the approval is hereby conveyed for:
- (i) Change of Address in CAB Designation Certificate No. TEC/MRA/CAB/IND-D/17-II dated 25.07.2019 as per detail given below:-

Sl. No.	Name of CAB	Existing Address	New Address
1.	M/s AB MSAI Research Labs Pvt. Ltd.	Unit No. 201, 2 nd floor, Aggarwal Cyber Plaza C-4, 5, 6 Netaji Subhash Place, Pitampura, New Delhi-110034	A-1/6 (Basement, Stilt and U.G.F.), Paschim Vihar, New Delhi-110063.


26/08/2020

(ii) Amendment in Sl. No. 1 & 4 of Annexure-I of CAB Designation Certificate No. TEC/MRA/IND-D/17-II dated 25.07.2019 in reference of "Safety Requirement of Batteries" and "Mobile Phone Handset" as mentioned below:-

Sl. No.	1 Telecom Equipment/Product	2 Type of Testing	3 Technical Regulation
1.	Safety Requirement for Batteries	<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 (Cell) for Lithium (Clause 7.3.1 & 7.3.2) 2 Free fall – for Lithium (Clause 7.3.3) 3 Thermal abuse (Cell)- For Lithium (Clause 7.3.4) 4 Crush (Cell) - For Lithium (Clause 7.3.5) 5 Overcharging of battery - For Lithium (Clause 7.3.6) 6 Forced discharge (Cell)- For Lithium (Clause 7.3.7) 	IEC 62133-2:2017
4.	Mobile Phone Handsets	<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 IMEI and MEID/ ESN [IS 16333 (Part-1):2015 Clause 4.8] 2 Support for Indian Language (applicable to mobile handset only) [IS 16333 (Part 3): 2017, except Clause 6] 3 Support for emergency services- Panic button in all mobile handset GSR No. 436(E) dated 22.04.2016. 4 Support for emergency services- Facility of Identifying location through satellite based GPS in smart phone handsets GSR No. 1441(E) dated 23.11.2017. 	TEC ER No. 47722002

(iii) Dropping of one test parameter namely [Sealing test (Gas tightness)/High Altitude test] of QM-333 Standard from the existing CAB designation Scope of CAB, due to non availability of this test parameter in new NABL Accreditation certificate.

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3. This letter is issued as Addendum to Certificate No. TEC/MRA/CAB/IND-D/17-II dated 25.07.2019 already issued with CAB identity IND017.

4. The date of validity of CAB Designation Certificate and all other scope, terms and conditions mentioned in the Certificate shall remain unchanged.


26/08/2020
(Kamal Bhagat)

Deputy Director General (MRA)
For Designating Authority, TEC

To,

M/s AB MSAI Research Labs Private Limited, New Delhi
A-1/6 (Basement, Stilt and U.G.F.), Paschim Vihar,
New Delhi-110063
(Kind attention to Shri Deepak Kumar, C.E.O).