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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/28

Dated: 02.08.2018

This is to certify that **M/s SAMEER-Centre for Electromagnetics, Chennai** 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

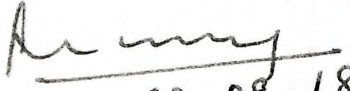
Name of CAB : M/s SAMEER-Centre for Electromagnetics, Chennai

Address of CAB : 2nd Cross Road, CIT Campus, Taramani, Chennai-600113

CAB Identification : IND028

Date of Issue : 02.08.2018

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.


02.08.18
D. K. Khanna
Deputy Director General (MRA)
For Designating Authority
TEC



Annexure-I Certificate No: TEC/MRA/CAB/IND-D/28 dated 02.08.2018 issued to M/s
SAMEER-Centre for Electromagnetics, Chennai.

Sl. No.	1	2	3	4
	Telecom Equipment/Product	Type of Testing	Technical Regulation	Date of Designation
1.	EMI/ EMC Testing of Telecommunication equipment	All types of testing covered in Technical regulations mentioned in column 3 only for following tests: 1 Conducted Emission CISPR 11 (2015)* 2 Conducted Emission CISPR 22 (2008-09) 3 Radiated Emission CISPR 11 (2015)* 4 Radiated Emission CISPR 22 (2008-09) 5 Electrostatic Discharge (ESD) IEC 61000-4-2 (2008) 6 RF Radiated Immunity IEC 61000-4-3 (2010-04) 7 Electrical Fast Transient (EFT) IEC 61000-4-4 (2012)* 8 Surge Immunity IEC 61000-4-5 (2014)* 9 RF Conducted Immunity IEC 61000-4-6 (2013)* 10 Voltage dips and short interruptions IEC 61000-4-11 (2004) 11 DC Supply Voltage dips and Interruptions Test IEC 61000-4-29:2000 as part of the requirement stated in TEC's Essential Requirements ,where applicable	TEC/SD/DD/EMC -221/05/OCT-16	02/08/2018

* 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).

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Annexure-II Certificate No: TEC/MRA/CAB/IND-D/28 dated 02.08.2018 issued to M/s
SAMEER-Centre for Electromagnetics, Chennai.

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 and amendment issued dated 18/06/2018.

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 DA (Designating Authority) or MRA* partner for testing and evaluation.
3. It shall have no interest whatsoever in any business to test any product or carry on testing in an unfair or biased manner, for which it seeking designation.
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

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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

*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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No. 1-24/2018-MRA/TEC

Dated: 15-02-2019

Amendment

Subject: Designation of M/s SAMEER- Centre for Electromagnetics, Chennai as Conformity Assessment Body (CAB)

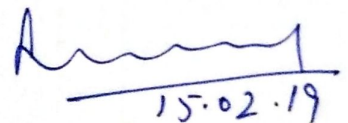
Ref: CAB Designation Certificate No. TEC/MRA/CAB/IND-D/28 dated 02/08/2018

It is certified that M/s SAMEER-Centre for Electromagnetics, Chennai has qualified the criteria for designation as CONFORMITY ASSESSMENT BODY (CAB) to carry out product testing activities for following five test on receipt of necessary amendment in NABL scope certificate.

Sl. No.	Telecom Equipment/Product	Type of Testing	Technical Regulation
1.	Electromagnetic Compatibility Standard for Telecommunication equipment	1. Radiated Emission CISPR 11 (2015) 2. Conducted Emission CISPR 11 (2015) 3. Electrical Fast Transient (EFT) IEC 61000-4-4 (2012) 4. Surge Immunity IEC 61000-4-5 (2014) 5. RF Conducted Immunity IEC 61000-4-6 (2013)	TEC/SD/DD/EMC-221/05/OCT-16

2. This letter is issued as Amendment to Certificate No. TEC/MRA/CAB/IND-D/28 dated 02/08/2018 already issued with CAB identity IND028 wherein above mentioned 05 tests were designated on provisional basis out of 11 number of tests mentioned in Sl. No. 1 of Annexure-I against Electromagnetic Compatibility Standard for Telecommunication Equipment.

3. All other scope, terms and conditions mentioned in the Certificate shall remain unchanged.


15.02.19

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

To,

The Programme Director,
M/s SAMEER - Centre for Electromagnetics,
2nd Cross Road, CIT Campus, Taramani
Chennai - 600113