भारत सरकार   Government of India
संचार मंत्रालय   Ministry of Communications
दूरसंचार विभाग   Department of Telecommunications
दूरसंचारअभियांत्रिकी केंद्र   TELECOMMUNICATION ENGINEERING CENTRE
खुर्शीद लाल भवन, जनपथ, नई दिल्ली – 110001   Khurshid Lal Bhawan, Janpath, New Delhi - 110 001
https://www.tec.gov.in/   https://www.tec.gov.in/

No. 5-2/2021-TC/TEC/112   Dated: 31/01/2022

Amendment

Subject: Mandatory Testing and Certification of Telecommunication Equipment (MTCTE) phase-III and IV products-reg.

Ref: No. 5-2/2021-TC/TEC/93 Dated: 22/09/2021.

In partial modification to this office notification dated 22/09/21 referred above, w.r.t. the testing and certification of telecommunication equipment under Phase-III and Phase-IV of MTCTE regime, as provisioned in Indian Telegraph (Amendment) Rules 2017, the following amendments/modification are hereby notified with immediate effect as mentioned below:

			Existing	Amended (to be read as)
1	MTCTE **Phase III**	*Acceptance of applications on MTCTE portal*	*w.e.f : 11.10.2021*	*No change*
		Certification becomes Mandatory	*w.e.f: 01.07.2022*	*No change*
2	**MTCTE Phase IV** (i) -For "EMI/EMC" & "Safety". (wherever applicable)	*Acceptance of applications on MTCTE portal*	*w.e.f : 11.10.2021*	*No change*
		Certification becomes Mandatory	*w.e.f : 01.02.2022*	*w.e.f.: 01.07.2022*
	(ii) - For remaining ER parameters.	*Acceptance of applications on MTCTE portal*	*w.e.f : 01.01.2022*	*No change*
		Certification becomes Mandatory	*w.e.f: 01.07.2022*	*No change*

2. The date of acceptance for test results/reports from labs accredited by ILAC signatories, is amended as under -

S. No.	MTCTE Phase	Existing ILAC Relaxation in respect of all Requirements of ER *except Safety and EMI/EMC Requirements.*	Amended (to be read as) ILAC Relaxation cutoff date given below in respect of 'Technical parameters' is applicable to ERs mentioned in Annexure-II only
1.	Phase-I & Phase-II	Extended up to - *30.11.2021*	No change
2.	Phase-III	Extended up to - *30.06.2022*	up to – 30.06.2022
3.	Phase-IV	Not Applicable	up to - *30.06.2022*

3. As on the date of submission of test reports, the validity of test reports/results issued by TEC designated Indian Labs in respect of all parameters shall be **up to five years.**

4. As on the date of submission of test reports, the validity of test reports/results issued by foreign labs accredited by ILAC signatories and recognised labs of MRA partner country for technical parameters shall be **up to two years** in respect of products listed in Annexure-II.

5. Test results/reports issued by labs accredited by ILAC signatories from non-border sharing countries will only be accepted.

All other conditions, details mentioned in notification issued vide 5-2/2021-TC/TEC/93 Dated: 22/09/2021 shall remain unchanged.

This issues with approval of the competent authority.

Encl: A/A.

उप महानिदेशक (एम॰टी॰सी॰टी॰ई॰)/DDG (MTCTE)
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Copy to:

1. PPS to Secretary (T), DoT, New Delhi
2. PPS to Member(S)/ Member(T)/ Member(F)/ DG(Telecom), DoT, New Delhi
3. Addl. Secretary (T), DoT, New Delhi
4. Sr. DDG TEC New Delhi / Sr. DDG NCCS, Bangalore/ ED C-DoT.
5. All DDGs, TEC.
6. JS (Customs), CBIC.
7. DDG (IC)/ DDG (Security)/ DDG (NT)/ DDG (IT), JS (T) DoT, New Delhi.
8. Director IT, TEC for uploading on TEC website.

List of products (Essential Requirements) covered under Phase-III of MTCTE

Sl. No.	Name of product (Essential requirement)	Category of product (GCS/SCS)
1.	Base station for cellular network	GCS
2.	Repeater for Cellular Network	GCS
3.	Compact Cellular Network	GCS
4.	Smart Camera	GCS
5.	Smart Watch	GCS
6.	Smart Electricity Meter	GCS
7.	Tracking Device(with Embedded SIMs)	GCS
8.	IoT Gateway	GCS
9.	End Point Device for Environmental Monitoring	GCS
10.	Equipment Operating in 2.4 GHz and 5 GHz Band	GCS

List of products (Essential Requirements) covered under Phase-IV of MTCTE

Sl. No.	Name of product (Essential requirement)	Category of product (GCS/SCS)
1.	Transmission Terminal Equipment (DWDM, DXC)	GCS
2.	Optical Fibre (Single Mode)	GCS
3.	Satellite Communication Equipment	GCS
4.	Radio Broadcast Receiver	GCS
5.	Mobile Radio Trunking System	GCS
6.	HF Radio	GCS
7.	VHF/UHF Radio System Equipment	GCS
8.	PTP PMP Microwave Fixed Radio Systems	GCS
9.	IP Security Equipment	GCS
10.	Router	GCS
11.	LAN Switch	GCS
12.	Precision Timing Protocol Grand Master Equipment	GCS
13.	IP Multi Media Conferencing Equipment	GCS
14.	Point of Sale Devices	GCS

Sl. No.	Name of product (Essential requirement)	Category of product (GCS/SCS)
15.	Conferencing Equipment	SCS
16.	Signalling Gateway	GCS
17.	Media Gateway	GCS
18.	Softswitch	GCS
19.	Digital Subscriber Line Equipment	GCS
20.	Session Border Controller	GCS
21.	Base Station Controller (BSC)/Radio Network controller (RNC)	GCS
22.	Mobile Switching Centre (MSC)/MSC- Server (MSC-S)/Gateway MSC (GMSC)/Gateway MSC- Server (GMSC-S)[including Visitor Location Register (VLR)]MSC/ MSC Server	GCS
23.	Equipment Identity Register (EIR)	GCS
24.	Subscriber Identity Module (SIM)	GCS
25.	OTA Platform and Device Manager Platform/FOTA	GCS
26.	Home Location Register (HLR) / Home Subscriber Server (HSS)/ Authentication Centre (Auc)	GCS
27.	Serving GPRS Support Node (SGSN)/ Gateway GPRS Support Node(GGSN)	GCS
28.	Serving Gateway (S-GW) / Packet Gateway (P-GW)	GCS
29.	Mobility Management Entity (MME)	GCS
30.	Short Message Service Center (SMSC)	GCS
31.	Cell Broadcast Centre (CBC)	GCS
32.	Service Control Point (SCP)	GCS
33.	Operation Maintenance Center(OMC) / Element Management System (EMS)/ Network Management System (NMS)/ Operation Support Systems (OSS)	GCS
34.	Gateway Mobile Location Centre (GMLC)	GCS
35.	Serving Mobile Location Centre (SMLC)	GCS
36.	Infiniband Switch	GCS
37.	Optical Fibre Cable	GCS

ANNEXURE-II

ILAC Relaxation for ERs in respect of 'Technical parameters' Requirements of ER up to 30.06.22 is allowed from non border sharing countries

Sl. No.	MTCTE	Essential Requirements (ERs)
1	Phase-III	Base station for Celluar Network
2	Phase-III	Repeater for celluar network
3	Phase-III	Compact Cellular Network
4	Phase-IV	Mobile Management Entity
5	Phase-IV	Serving GPRS Support Node (SGSN)/ Gateway GPRS Support Node(GGSN)
6	Phase-IV	Serving Gateway (S-GW) / Packet Gateway (P-GW)
7	Phase-IV	Short Message Service Center (SMSC)
8	Phase-IV	Cell Broadcast Centre (CBC)
9	Phase-IV	Operation Maintenance Center(OMC) / Element Management System (EMS)/ Network Management System (NMS)/ Operation Support Systems (OSS)
10	Phase-IV	GMLC
11	Phase-IV	Serving Mobile Location Centre (SMLC)
12	Phase-IV	Optical fiber -single mode
13	Phase-IV	Radio Broadcast Receiver
14	Phase-IV	Satellite Communication equipment
15	Phase-IV	HF Radio
16	Phase-IV	VHF/ UHF Radio Systems
17	Phase-IV	BSC/ RNC
18	Phase-IV	Mobile Switching Centre (MSC)/MSC- Server (MSC-S)/Gateway MSC (GMSC)/Gateway MSC-Server (GMSC-S)[including Visitor Location Register (VLR)]MSC/ MSC Server
19	Phase-IV	EIR
20	Phase-IV	Subscriber Identity Module (SIM)
21	Phase-IV	OTA Platform and Device Manager Platform/FOTA
22	Phase-IV	Home Location Register (HLR) / Home Subscriber Server (HSS)/ Authentication Centre (Auc)
23	Phase-IV	Service Control Point (SCP)
24	Phase-IV	Optical Fibre Cable