



Details of Certification under MTCTE

Department of Telecommunications, Ministry of Communications has notified “Indian Telegraph (Amendment) Rules” in Gazette of India vide G.S.R. 1131(E) PART XI on 5th September 2017 which prescribes for Mandatory Testing and Certification of Telecommunication Equipment (MTCTE).s

As per the procedure of MTCTE Any telegraph which is used or capable of being used with any telegraph established, maintained or worked under the license granted by the Central Government in accordance with the provisions of section 4 of the Indian Telegraph Act, 1885 shall have to undergo prior mandatory testing and certification in respect of parameters as determined by the telegraph authority from time to time.

TEC (Telecommunication Engineering Centre) has been designated as the Telegraph Authority for the purpose of administration of MTCTE procedure and for formulation of Essential Requirements (ER) under MTCTE.

MTCTE is applicable for all Telecommunication Equipment, has come into force on the 1st of October, 2018.

Validity of Certificate: 5years.

Certification Schemes: 1. General Certification Scheme (GCS)

2. Simplified Certification Scheme (SCS)

| General Certification Scheme (GCS) | | Simplified Certification Scheme (SCS) | |
|------------------------------------|--|---------------------------------------|--|
| S. No. | Products | S. No. | Products |
| 1 | Base Station for Cellular Network | 1 | 2- Wire Telephone Equipment |
| 2 | BSC RNC | 2 | G3 Fax Machine |
| 3 | Compact Cellular Network | 3 | ISDN Customer Premises Equipment |
| 4 | Repeater for Cellular Network | 4 | Modem |
| 5 | HF Radio | 5 | Conferencing Equipment |
| 6 | Mobile Radio Trunking System | 6 | Private Automatic Branch Exchange |
| 7 | PTP PMP Microwave Fixed Radio Systems | 7 | PON Family of Broadband Equipment |
| 8 | Satellite Communication Equipment | 8 | Transmission Terminal Equipment-1 |
| 9 | VHF UHF Radio System Equipment | 9 | LAN Switch |
| 10 | Base Station for Cellular Network for 5G | 10 | Router |
| 11 | E-band Fixed Radio Relay Systems | 11 | Cordless Telephone |
| | | 12 | Equipments Operating in 2.4 GHz & 5 GHz Band |
| | | 13 | Feedback Device |
| | | 14 | Smart Electricity Meter |
| | | 15 | DSL Equipments |
| | | 16 | EIR |



| | | |
|--|----|---|
| | 17 | GMLC |
| | 18 | HLR AUC HSS |
| | 19 | Infiniband Switch |
| | 20 | IP Multimedia Conferencing Equipment |
| | 21 | IP Security Equipment |
| | 22 | Media Gateway |
| | 23 | Mobile Management Entity |
| | 24 | Cell Broadcast Centre |
| | 25 | MSC or MSC-S or GMSC or GMSC-S including VLR |
| | 26 | OMC or EMS or NMS or OSS |
| | 27 | OTA and DM or FOTA |
| | 28 | PTP Grand Master Equipment |
| | 29 | Session Border Controller |
| | 30 | SGSN or GGSN |
| | 31 | S-GW or P-GW |
| | 32 | Signalling Gateway |
| | 33 | SMLC or eSMLC |
| | 34 | SMSC |
| | 35 | SCP |
| | 36 | Softswitch |
| | 37 | Transmission Terminal Equipment-2 |
| | 38 | End Point Device for Environmental Monitoring |
| | 39 | IoT Gateway |
| | 40 | Tracking Device |
| | 41 | Converged Multi Service Application Access Equipment(C-MSAAE) |
| | 42 | IP Terminal |
| | 43 | Hybrid Set Top Box |
| | 44 | SIM |
| | 45 | Optical Fibre (Single mode) |
| | 46 | Optical Fibre Cable |
| | 47 | Radio Broadcast Receiver |
| | 48 | 5G Core |
| | 49 | Hypervisor |

Schedule of Fees

| Group of Equipment | Administrative Fee (₹)¹ | Test Report Evaluation Fee (₹)² |
|---------------------------|---|---|
| A | 10,000 | 50,000 |
| B | 20,000 | 1,00,000 |
| C | 30,000 | 2,00,000 |
| D | 50,000 | 4,00,000 |



- 1. Administrative Fee:** Applicable for all products, as per respective product indicated in Product categorisation Table.
- 2. Test Report Evaluation Fee:** Applicable in addition to Administrative Fee, only for products under GCS.

Applicability of Administrative and / or Evaluation Fee in Certificate Modification or Renewal

| S. No. | Category of Certificate Modification / Renewal | Type of Modification | Fee applicable |
|--------|---|---|---|
| 1. | Administrative Modification | (i) Change in address of Indian / Foreign OEM Name | Administrative fee of respective Group of Equipment (A / B / C / D) |
| | | (ii) AIR Name and Address Change | |
| | | (iii) Change in Authorization Validity / MoU Validity | |
| 2. | Technical Modification (due to modification in product / addition of model) | (i) Associated model addition | Administrative fee of respective Group of Equipment (A / B / C / D) |
| | | (ii) Software version change (without affecting compliance to ER) | |
| | | (iii) Hardware version change (without affecting compliance to ER) | |
| | | (iv) Interface addition / deletion / modification | Administrative fee along with full test report evaluation fee for respective Group of Equipment (A / B / C / D) |
| | | (v) Addition of sub- unit model in family | |
| | | (vi) Certification against new ER | |
| 3. | Temporary/Provisional to Regular conversion | Administrative fee of respective Group of Equipment (A / B / C / D) | |
| 4. | Certificate Renewal | (i) New ER has come in effect | Administrative fee along with full test report evaluation fee for respective Group of Equipment (A / B / C / D) |
| | | (ii) As per old ER | Administrative fee of respective Group of Equipment (A / B / C / D) |

For complete quotation, you can contact us :

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