

TTR validity Amendment Date-26.02.2026

(Amendment to Technical Specification for validity of type test reports
for *major electrical equipments*)

Sr. No.	Name of Equipment	Type test reports validity (In Years)
1.	Power Transformer (ICT/ Auto Transformer)	10
2.	Shunt Reactor/ Series Reactor/ Neutral Grounding Reactor	10
3.	Bushing for Power Transformer/ Reactor	10
4.	Circuit Breaker (Live Tank/ Dead Tank)#	15
5.	Isolator	15
6.	Lightning Arrester#	15
7.	Wave Trap	15
8.	Instrument Transformers#	15
9.	Control & Relay Panel	10
10.	Numerical Relays/ BCPU/ BCU/ Process Interface Unit (PIU)/ Stand-alone merging unit (SAMU)/ Transformer Monitoring Unit (TMU).	10
11	Insulators (Composite/SRI)	10
12	Insulators hardware fittings, and accessories for conductor and ground wire	10
13.	PLCC/ Fiber Optic cable/Fiber Optical Terminal Equipment (FOTE)/OPGW	10
14.	Battery and Charger	10
15.	Substation Automation System	10
16.	Diesel Generating (DG) Set	10
17.	Partial Discharge Measurement System	10
18.	Online DGA system	10
19	Terminal connector for all major equipment /items including transformers	15

Apart from above for following equipments/items, there is no change in validity period of type test reports.

Sr. No	Name of test/ Equipment	Type test reports validity (In Years)
1	On Load Tap Changer (OLTC)	10
2	Transformer/ Reactor fittings and Accessories	10
3	Gas Insulated Switchgear (GIS) and Hybrid Switchgear * #	15
4	Cables and associated Joints	10
5	Capacitor / Capacitor Bank	10
6	Insulators (Porcelain)	10
7	Conductors and earth wire	10
8	High Temperature Low Sag (HTLS) conductor	10
9	Energy Meters (Including smart meters & availability based tariff (ABT)meters)	5

- Note:** 1) Type test reports shall be valid as on the last date of submission of bid.
2) #Validiy for Hollow Insulator for GIS/HGIS, Circuit Breaker, Lightning Arrester and Instrument Transformers is 10 years.
3) *The type test validity of SF6 to Air bushings is as per GIS type test validity i.e.15 years

For Remaining equipment /items if any, type test report validity shall be considered as per respective latest technical specifications/amendments.