



**KARNATAKA POWER TRANSMISSION CORPORATION LIMITED**  
CIN No. U40109KA1999SGC025521

Corporate Office  
Kaveri Bhavan, K.G Road,  
Bengaluru-560 009

**Sub:** Adoption of Central Electricity Authority (CEA) Guidelines regarding extension of validity date of Type Test Certificate upto 30.09.2022 and amendment to para 2(g) of CEA Guidelines dated 11.05.2020 in view of difficulties faced due to COVID-19 pandemic - reg.

- Ref:**
1. Letter No: CEA-PS-14-80/1/2019-PSETD Division/195-271 dated 11.05.2020 - Guidelines for the validity period of Type Test(s) conducted on Major Electrical equipment in Power Transmission System.
  2. Letter No: CEA-PS-80/1/2019-PSETD Division-Part (2)/564-640 dated 16.10.2020 of Central Electricity Authority.
  3. Corporate Order No: KPTCL/B19/345/85-86 dated 02.01.2021.
  4. Letter No: CEA-PS-14-80/1/2019-PSETD Division-Part (2)/517-96 dated 17.09.2021 of Central Electricity Authority.
  5. Note dated 05.10.2021 of CEE (I&P), KPTCL.
  6. T.O. Note of even no. approved by the Managing Director, KPTCL on 22.10.2021.

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**Preamble:**

The Central Electricity Authority (CEA) vide letter dated 11.05.2020 has formulated guidelines for the validity period of Type Tests conducted on Major Electrical equipment in Power Transmission System. The said guidelines issued by CEA has been incorporated in the KPTCL technical specification of various electrical equipment as per the decision taken during the meeting held on 18.06.2020 under the chairmanship of the Director (Transmission), KPTCL.

In view of the hardships being faced by the Indian Manufacturers in conducting fresh Type Test for renewing the validity as per the guidelines due to slowdown caused by COVID-19 pandemic, an Order dated 02.01.2021 was issued to adopt CEA Guidelines issued in respect of extension of validity date of Type Test certificates of electrical equipment and materials, which could not be re-validated due to lock down in the Country, up to 30<sup>th</sup> September 2021.

Now, the Deputy Director, Power System Engineering and Technology Development Division, CEA vide letter dated 17.09.2021 has once again highlighted the difficulties faced by the manufacturers due to resurfacing of COVID-19 pandemic which has caused forced closure of manufacturing units and Testing Laboratories.

Further stated that, since GIS manufacturing is not that old in India and most of the manufacturers follow the design and process of their parent/collaborator, manufacturers have requested for accepting Type Test report conducted on product manufactured by parent company. In view of the hardships being faced by the Indian Manufacturers, CEA has decided to further extend the validity date of Type Test certificates upto 30.09.2022 and also to amend para 2(g) of CEA Guidelines dated 11.05.2020.

Accordingly, as per CEA letter dated 17.09.2021, the Type Test certificates of the equipment whose validity period if lapsed from 23.03.2020, shall be treated as valid up to 30.09.2022. The same shall be acceptable for all the KPTCL Tenders/Supplies made by the Manufacturers, EPC contract agencies for all projects. Further, para 2(g) of CEA Guidelines dated 11.05.2020 is amended as "The equipment shall be supplied from the same manufacturing works, where from the sample unit was manufactured and successfully type tested as per the relevant standard (IS/IEC). However, in case of GIS and Hybrid switchgear, type test reports of parent company/collaborator may be accepted provided same design and process by which parent company/collaborator has manufactured the equipment, has been followed by the Indian Manufacturer."

Some of the manufacturers have requested KPTCL to consider the decision of CEA regarding extension of validity of Type Test certificate and for accepting Type test report conducted on product manufactured by parent company. The request of the manufactures were examined in detail and it was decided to adopt the CEA guidelines issued vide letter dated 17.09.2021 in KPTCL in view of COVID-19 pandemic.

Hence this order.

**Order No. KPTCL/B19/345/85-86**

**Dated: 25.10.2021**

Under the above circumstances, approval is hereby accorded to adopt CEA guidelines issued for extension of validity date of Type Test certificates of electrical equipment and

materials, which could not be re-validated due to Covid-19 pandemic in the Country since 23rd March 2020, shall be treated as valid upto 30th September 2022.

Further, para 2(g) of CEA's "Guidelines for the validity period of Type tests conducted on Major Electrical equipment in Power Transmission System" shall be read as:

*"The equipment shall be supplied from the same manufacturing works, where from the sample unit was manufactured and successfully type tested as per the relevant standard (IS/IEC). However, in case of GIS and Hybrid switchgear, type test reports of parent company/collaborator may be accepted provided same design and process by which parent company/collaborator has manufactured the equipment, has been followed by the Indian Manufacturer."*

*B. R. H. 25/10/24*  
General Manager (Tech)  
KPTCL

To:

1. All Chief Engineers/Financial Advisors, KPTCL.
2. All Superintending Engineers/Controilers, KPTCL.
3. All Executive Engineers/Deputy Controller of Accounts, KPTCL.
4. The Company Secretary, KPTCL.
5. SPS to Managing Director / Director (Finance) / Director (Transmission) / Director (Admin & HR) KPTCL, Bengaluru.

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