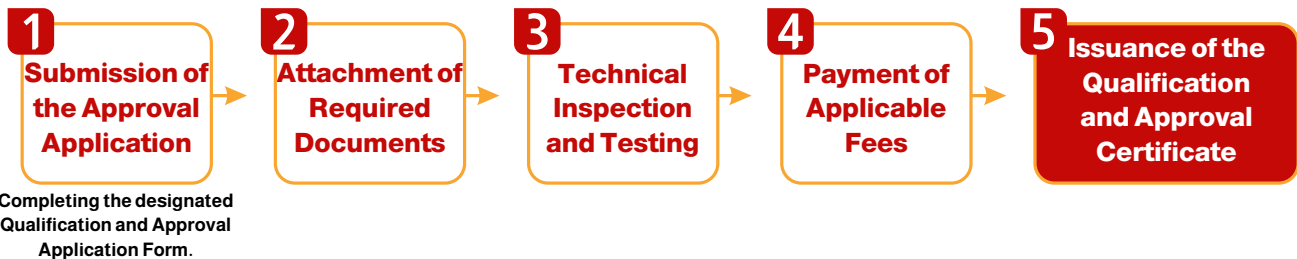


# Procedures and Requirements for Qualification and Approval of Terminal Devices

Any entity wishing to obtain a Qualification and Approval Certificate for terminal devices used in the electricity distribution network—such as electricity meters, distribution boards, and devices related to connecting electricity to the end user—must comply with the following procedures and requirements:

## Procedures and Requirements for Qualification and Approval of Network Materials



## Documents Required for the Qualification and Approval of Terminal Devices

- ◆ **Guarantees:** Fully completed and duly signed by the manufacturer.
- ◆ **Declaration of Conformity:** A certificate issued by the manufacturer.
- ◆ Copies of catalogs, manuals, drawings, and technical schematics.
- ◆ Sales records for the past five years, along with at least four reference letters from clients.
- ◆ Copies of required **TYPE TEST** reports, issued by an independent third-party laboratory accredited in accordance with **ISO/IEC 17025**, and recognized by the International Laboratory Accreditation Cooperation (**ILAC**), the International Accreditation Forum (**IAF**), or other reputable accreditation bodies. Preferably, these reports should be documented and approved by the national standards and metrology institution. The test certificates must include the serial number of the submitted product.
- ◆ A copy of the **ISO/IEC 17025** accreditation certificate of the third-party testing laboratory.
- ◆ A manufacturer's undertaking confirming the suitability of the design, compliance with applicable regulations, standards, and specifications, and ensuring manufacturing quality and good engineering practices.
- ◆ An authorization letter from the manufacturer, along with a copy of the manufacturer's **ISO 9001:2015** certificate.
- ◆ Copies of **DLMS/COSEM** certificates, if the item is a smart meter.
- ◆ Current email addresses and telephone numbers of international testing and calibration laboratories and meter accreditation bodies used to test the material.
- ◆ Provision of all documentation required for equipment safety in accordance with **IEC 61010-1**.
- ◆ Electromagnetic Compatibility (**EMC/EMI**) tests and assessment of the devices' impact on the network.

## Documents related to the qualification and accreditation of peripheral devices

### Documents Required for the Qualification and Approval of Electrical Components Used in Low and Medium Voltage Network Infrastructure and Renewable Energy-Related Components

- ◆ **Technical Guarantees:** Fully completed and signed by the manufacturer.
- ◆ **Declaration of Conformity:** Issued by the manufacturer.
- ◆ Copies of catalogs, manuals, drawings, and technical schematics of the material to be approved.
- ◆ Sales records for the past five years, in addition to four client reference letters, including the following information:
  - ◆ Type and rating
  - ◆ Voltage
  - ◆ Year of supply
  - ◆ Supplied quantity
- ◆ Certificates from end users (such as utility companies).
- ◆ A detailed description of the components, including trade name, type, model, and model number.
- ◆ تحديد الكميات المطلوبة للاعتماد أو الاستخدام كحد أقصى، بما يضمن الالتزام بالحدود المعتمدة لكل صنف.  
(Note: This item intentionally retained in Arabic as provided, in case it is required verbatim.)
- ◆ A statement clarifying the objective and purpose of using the electrical material within the network.
- ◆ A copy of **Type Test** reports issued by an external laboratory accredited in accordance with **ISO/IEC 17025** and recognized by **ILAC, IAF**, or any internationally reputable accreditation body. The certificate must include the serial number of the submitted material.
- ◆ **Short Circuit Withstand Ability Test certificate:** Mandatory if the material is an electrical transformer, issued by an external laboratory accredited under the same standards, and including the serial number of the material.
- ◆ A copy of the **ISO/IEC 17025** accreditation certificate of the laboratory that conducted the tests.
- ◆ A manufacturer's undertaking confirming design suitability, compliance with technical specifications and regulations, and assurance of manufacturing quality and good engineering practices.
- ◆ An official authorization letter from the manufacturer, along with a copy of its **ISO 9001:2015** certificate.
- ◆ Submission of equipment/tools samples, depending on the nature of the material and as determined by the company's Qualification and Technical Specifications Center.
- ◆ Any additional tests required by the company based on the type and classification of the material to be approved.
- ◆ Contact details of the accredited laboratories where the tests were conducted, including email addresses, current phone numbers, and the relevant accreditation bodies.