Contact: info@applus.com

Cable Testing Mobile Laboratory

Applus+ cable testing services can detect defects and diagnose the condition of cables, as well as locate faults (both insulation and sheath faults). **Diagnostic tests can be performed to confirm the appropriate condition during the commissioning of the cable or for maintenance purposes during the life of the installation.**

THE Applus+ SOLUTION

Applus+ mobile testing laboratories and online diagnostic techniques offer solutions adapted to different types of medium and high-voltage installations. We have extensive experience in tests for the commissioning of facilities by current regulations; as well as cabling testing and diagnosing of condition cable for maintenance. These measurements can be both online and offline and will detect defects both in the advanced stage as well as incipient.

- We carry out tests of:
  - AC withstand test (at VLF or DAC)
  - Dissipation factor (at VLF)
  - Sheath test
  - Screen continuity and resistance
- Detection and location of Partial Discharges in cables:
  - Partial Discharges (at VLF or DAC)
  - On-line Partial Discharges
  - Location of main insulation faults and sheath faults
- Underground line drawing

Throughout its more than 20 years of experience in cable testing, Applus+ has accomplished the following notable milestones:

- 7 electrical testing laboratories with the latest technology on the market (Iberian Peninsula)
- Portable equipment for online and offline tests with the latest technology on the market.
- More than 50 cable and high voltage test equipment expert technicians (power transformers, breakers, instrument transformers, surge arresters, rotating machines, etc.).
- Applus+ can provide this service in any country of the world due to its superior portable test equipment.

We provide cable testing services for the most important companies in the sectors of energy generation, wind, photovoltaic, TandD, and industry.

Target customers

Diagnostic tests can be performed to confirm the appropriate condition during commissioning, or for maintenance purposes during the life of the installation. Its implementation will achieve the optimal level of operation of the facilities, and identify the faults located in an efficient and non-destructive way because of the technological advances that our new diagnostic tools allow.

Key customer benefits

When choosing Applus+, clients will benefit from:

- Achieving the optimal level of operation of the facilities and a higher quality of supply.
- Improving the availability, reliability and performance of equipment.
- Increasing production capacity.
- Reducing operation and maintenance costs.
- Achieving a commitment to the environment.