

MV and HV cable testing

Acceptance and condition based maintenance

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

Testing Capabilities

MV Cables up to 52kV

- ⊕ AC withstand test (at VLF or DAC)
- ⊕ Dissipation factor (at VLF)
- ⊕ Partial Discharges (at VLF or DAC)
- ⊕ Sheath & screen testing

HV and MV Cables

- ⊕ On-line Partial Discharges
- ⊕ Sheath & screen testing
- ⊕ Location of main insulation faults and sheath faults

Main Testing Equipment

- ⊕ BAUR PHG 80TD/PD
- ⊕ BAUR CU60, SSG2100, KMF1, CL20, SA32, IRG3000
- ⊕ BAUR SHIRLA
- ⊕ TECHIMP PDcheck
- ⊕ MEGGER



Advantages

- ⊕ **To increase** reliability and availability of installations
- ⊕ **To reduce** cost, avoiding unnecessary operations and actions
- ⊕ **Faults located** in an efficient and non-destructive way

