

Course Overview:

Benefit from a refreshing mix of live presentations of the device, plausibly arranged theory content and practical measurements on an actual circuit breaker and model. This will empower you to use CIBANO 500 for effective circuit breaker testing. By working in small groups every participant has the possibility to explore the device and discuss upcoming questions with group members and the trainer.

Course Objective:

- Perform commissioning and periodic tests of circuit breakers with the CIBANO 500
- Prepare, perform and document tests easily with the control software PTM (Primary Test Manager)
- Interpret, assess and compare measurement results

Course Outline:

- Constructional and operational characteristics of circuit breakers relevant for testing
- Overview of measurement principles to illustrate the different procedures
- Interpreting and assessing measurement results
- Introduction to the hardware and software features
- Typical procedures for testing contact resistances, minimum pick-up voltages, timing including undervoltage condition as well as coil/motor current analysis
- Hands-on testing on an actual MV circuit breaker and mode

Who Should Attend:

Technical staff from utilities or service companies responsible for circuit breaker testing

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation