

## Measurements of Power Transformers with the CPC 100 and the CP TD1

Summary: After an introduction to maintenance of power transformers, you will develop your skills through

theoretical and practical sessions measuring ratio, winding resistance and capacitance and

power/dissipation factor with the CPC 100 and the CP TD1.

Products: CPC-Family

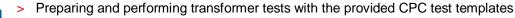
Prerequisites: C.0057.BBX or equivalent level of knowledge

Duration: 1 day Language: English Code: C.0059.BBB



## **Objectives**

> Using the CPC 100 in combination with the CP TD1 for effective power transformer testing



- > Preparing and performing transformer tests with our intuitive PC software
- > Interpreting the results according to the latest scientific insights



## Content



- > Introduction to power transformer maintenance
- > Theoretical background and performance of ratio, winding resistance and short circuit impedance tests
- > Automated ratio and winding resistance measurements



(M/G)

- Theoretical background and performance of C & tan delta (capacitance and power/dissipation factor) tests on power transformers and bushings
- > Interpretation of test results
- > Applying predefined test templates for power transformers
- > A new approach to facilitated power transformer testing with a software tool (PTM) for intuitive power transformer testing



## **Products**



- > Ratio, winding resistance, tap check, tan delta test cards
- > The CPC 100 and CP TD1



The CP SB1The Primary Test Manager (PTM)



Technical staff from utilities or companies working mainly in commissioning or maintenance testing of power transformers