

Moisture Determination and Dielectric Diagnostics of Power Transformers

Summary: Learn how to use DIRANA and the corresponding software to perform dielectric response measurements, analyze the measurement curves and determine the water content of power transformers.

Products: DIRANA

Prerequisites: Knowledge of electrical engineering

Duration: 1 day

Language: English

Code: C.0063.BBX



Objectives

- > Using the DIRANA to measure the dielectric response on power transformers
- > Connecting different transformer types
- > Handling practical issues like a noisy environment
- > Doing the interpretation of the dielectric response curves
- > Determining the water content



Content

- > Sources of water in transformers
- > Methods of water determination
- > Measurement of the dielectric response of power transformers
- > Analysis of dielectric response curves
- > Case studies



Products

- > DIRANA software
- > DIRANA hardware and its accessories



Audience

Technical staff involved in transformer testing in utilities, service companies, transformer manufacturers or repair shops

