

OMICRON Partial Discharge Monitoring: Operator Course

Solutions: OMS-Family

Summary: Get to know the OMICRON PD monitoring solutions and learn about the necessary hardware and the software concept. Learn to navigate the OMICRON PD monitoring solution and handle system alarms. Be introduced to the interpretation of the test results.

Prerequisites: Knowledge of electrical engineering

Duration: 1.5 days

Language: English

Code: C.0177.AAX



Objectives

- > Monitoring of partial discharges and other quantities on medium and high voltage devices with MONGEMO and MONCABLO
- > Monitoring the quality and aging process of MV and HV assets
- > Reviewing PD monitoring data
- > Navigating the MONGEMO and MONCABLO web interface



Content



- > Getting to know the PD monitoring solutions offered by OMICRON
- > Understanding how partial discharges are measured and which hardware is needed
- > Getting to know the hardware and software parts of the OMICRON PD monitoring system
- > Learning to navigate the OMICRON PD monitoring web interface
- > Getting to know trend analysis for different monitored values
- > Learning to handle system alerts, changing alert rules and checking the system status
- > Collecting measurement data for advanced analysis by PD experts
- > Getting an overview about methods for PD diagnosis



Solutions

- > MONGEMO
- > MONCABLO



Audience



Operators from power plants and electric utilities with installed OMICRON Partial Discharge Monitoring System or technical staff interested in the handling of an OMICRON Partial Discharge Monitoring System.