

Partial Discharge Monitoring: General Introduction for Everyone

Summary: Become familiar with the basic principles of PD monitoring on MV and HV assets.

Learn about different strategies for monitoring on motors / generators, transformers and

HV cables. Get to know the OMICRON PD monitoring solutions and learn about the necessary hardware and the software concept. Get a detailed insight into the possibilities and be enabled to

choose the suitable solution for your asset.

Products: MONGEMO, MONCABLO, MONTRANO, OMS 605

Prerequisites: Knowledge of electrical engineering

Duration: 1 day Language: English Code: C.0178.AAX



Objectives

> Become familiar with the basic principles of PD monitoring on MV and HV assets



- Learn about different strategies for monitoring on motors and generators as well as on power transformers and HV cables
- > Be enabled to choose the suitable monitoring solution for your asset



Content



- > Getting to know about basic principles and methods of PD monitoring
- > Discussing typical monitoring quantities and solutions for generators, motors, power transformers and cables
- > Getting a detailed insight into the OMICRON Partial discharge monitoring solutions



- > Understanding how partial discharges are measured and which hardware is needed
- > Learning about the basic functionality and advanced features of the monitoring software



> Getting to know trend analysis for different monitored values

Getting an overview about methods for PD diagnosis



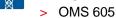
Products



> MONGEMO



MONCABLOMONTRANO





Audience



Technical staff from power plants, electric utilities and network operators as well as service companies interested in partial discharge monitoring