

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
- > MONCABLO
- > MONTRANO
- > OMS 605



Audience

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

