

Condition Monitoring Essentials

Virtual Instructor Led Training

2 CPD Points



An introduction to condition monitoring highlighting the essential elements for successful condition-based maintenance.

Duration | 2 x full days or
4 x 1/2 days

The scope

With the ever-growing need to save on capital expenditure, a clear and concise maintenance strategy for all assets is a necessity. This unique training course outlines the theory and tools needed to incorporate condition monitoring into your maintenance plan.

Course objectives

- To understand the principles of reliability engineering
- To identify various condition monitoring technologies available
- To understand condition monitoring and its values in a maintenance strategy
- To interpret and analyse data
- To measure and evaluate risk
- To understand the condition monitoring roadmap
- To understand the benefits of asset health and life and how they impact the overall strategy for condition monitoring

Course outline and expected outcomes

Day 1

- Maintenance terminology
- The principles of reliability engineering
- Condition monitoring technology
- Condition monitoring in context
- Condition monitoring approach

Day 2

- Analysing data
- Risk evaluation
- Technology roadmap
- Asset health and life
- Condition monitoring the wrong and right way
- Course assessment

Course prerequisites

An understanding of the basics of reliability engineering.

Who should attend?

- Asset managers / owners
- Facility managers
- Plant owners
- Reliability engineers
- Mechanical and electrical plant maintenance managers
- Tradespeople working in electrical and mechanical companies

Our facilitator

Our qualified facilitator has a wealth of experience related to the course content.

Tom Dalton | Reliability specialist

He holds a National Higher Diploma in Electrical Engineering and gained experience at Eskom specialising in oil analysis and management. He has worked on several working groups and committees concerned with transformers and insulating oils, written a number of specifications, and has co-authored two books on the subject. Tom has also developed an insulating oil management application to assess transformer condition.

Platform and administration

The Pragma Academy provides the platform and support for learners to register and attend the training.

Registration

Send an email to academy@pragmaworld.net