

Essential Condition Monitoring Training

ECSA Validation no: SAAMA2017136 for 2 credits

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



3 day virtual instructor-led training

The scope

With the ever growing need to save on capital expenditure, a clear and concise maintenance strategy on 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 it's values in a maintenance strategy
- To interpret and analyse data
- To measure and evaluate risk
- To understand the condition monitoring Road Map
- To understand the benefits of asset health and life and how they impact on the overall strategy for condition monitoring

Day 1

- Maintenance terminology
- The principals of Reliability Engineering
- Condition Monitoring technology

Day 2

- Condition Monitoring in context
- Condition Monitoring approach
- Analysing data
- Risk evaluation

Day 3

- Technology roadmap
- Asset health and life
- Condition monitoring | the wrong and right way
- Course assessment



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

Course prerequisites

An understanding in the basics of Reliability Engineering

The facilitator



Tom H Dalton |
Transformer Reliability
Specialist at Martec

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.

Essential Condition Monitoring Training

Send completed registration form with a copy of your company purchase order to
training@martec.co.za or fax it to +27 (0)86 502 0634

Training date		Course rate pp exl VAT	
Venue	Virtual Instructor Lead Training (online)		
Delegate details	Delegate 1	Delegate 2	Delegate 3
Name			
Surname			
Job title			
ID number			
Email			
Mobile no			

Company and payment details

Company name			
Billing address			
Telephone no		Fax no	
Purchase order no		VAT no	
Finance contact name and surname			
Tel no		Email	

Terms and conditions

A confirmation letter and tax invoice will be sent to the delegate on receipt of this application. Confirmation of the delegate's registration including a map to the venue and a list of accommodation options in the area will be sent on receipt of confirmation of payment.

All applicants must complete this registration form in full and indicate your menu option. Halal menus are charged in addition to the above rate. Incomplete application forms cannot be processed.

Full payment must be received prior to attending the course

On arrival delegates must present the confirmation of registration that will have been emailed to them.

The course presenters reserve the right to refuse admission where this confirmation and evidence of payment cannot be shown.

Cancellation and Non-attendance Policy

All notices of cancellation must be in writing. Cancellations received more than 10 working days prior to commencement of the course will be accepted subject to a 10% cancellation fee. Alternatively a substitute delegate will be accepted. Late cancellations (10 or less working days prior to commencement of the course) and non-attendance are liable for the full invoice amount.

Obligation to Pay

Even though the Company is liable for paying the course fee, the delegate retains ultimate responsibility for ensuring that the fee is paid.

Confirmation of Registration

If you have not received your confirmation of booking before the course, please contact us to make sure that you are registered.

Martec reserves the right to cancel any advertised course due to insufficient enrolments or conditions beyond our control.

I hereby confirm that I am authorised to sign for and on behalf of the Applicant Company and accept the above Terms and Conditions

Name	Signature	Date