

# Transformer Oil Sampling

An introduction to transformer oil sampling and analysis

2 Day Course

## The Scope

A course designed to teach the basic understanding of how to take a transformer oil sample for further analysis. Vital for reliability professionals and technicians whose job function is a reliable electrical network.

## Course objectives

### Day one

- Understanding the different sampling methods available for routine analysis
- Understanding the labeling and packaging of oil samples
- Sample management
- Basic methods of analysis
- Understanding the handling of PCB samples

### Day two

- The assessment and sampling of a transformer
- A practical sampling session



## Who should attend?

- Maintenance managers
- Technicians
- Reliability managers
- Asset managers
- Engineers

## Course prerequisites

- Basic knowledge of safety onsite
- Practical knowledge of transformers
- Basic knowledge of electrical systems
- Knowledge of HV regulations
- An ability to read and write in English

## The facilitator



**Tom H Dalton |**  
**Transformer Reliability**  
**Specialist at Martec**

Tom 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.

# Registration Form | Transformer Oil Sampling

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

Training date		Course rate pp exl VAT	R3 500		
Venue	Pragma Group Building – Treur Close, Waterfall Park, Midrand				
<b>Delegate details</b>	Delegate 1		Delegate 2		Delegate 3
Name					
Surname					
Job title					
ID number					
Email					
Mobile no					
Dietary requirement	Standard	Halal	Standard	Halal	Standard Halal
<b>Company and payment details</b>					
Company name					
Billing address					
Telephone no			Fax no		
Purchase order no			VAT no		
Finance contact name and surname					
Tel no			Email		
<b>Terms and conditions</b>					
<p>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.</p> <p><b>All applicants must complete this registration form in full</b> and indicate your menu option. Halal menus are charged in addition to the above rate. Incomplete application forms cannot be processed.</p> <p><b>Full payment must be received prior to attending the course</b></p> <p>On arrival delegates must present the confirmation of registration that will have been emailed to them.</p> <p>The course presenters reserve the right to refuse admission where this confirmation and evidence of payment cannot be shown.</p> <p><b>Cancellation and Non-attendance Policy</b></p> <p>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.</p> <p><b>Obligation to Pay</b></p> <p>Even though the Company is liable for paying the course fee, the delegate retains ultimate responsibility for ensuring that the fee is paid.</p> <p><b>Confirmation of Registration</b></p> <p>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.</p> <p>I hereby confirm that I am authorised to sign for and on behalf of the Applicant Company and accept the above Terms and Conditions</p>					
Name		Signature		Date	