

Transformer Oil Sampling



Level 1

Contact training@martec.co.za
for onsite training dates

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



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.