

1st June 2017

The target group for this course are maintenance staff and asset managers responsible for transformers.

TRANSFORMER OIL ANALYSIS TRAINING COURSE

Oil analysis is the key to long term Transformer Condition Monitoring. T.E.Laboratories Ltd have teamed up with Laborelec in Belgium to provide a one day Transformer Oil Analysis Training Course. Laborelec have gained lots of experience in this area during the last 50 years.

The purpose of the course is twofold:

- Acquiring the knowledge needed to define and implement an adequate programme of oil analysis to monitor the condition of transformers.
- Understanding and interpreting oil analysis reports and implementing maintenance recommendations.



Training

Monitoring the condition of transformers through regular oil analyses

Content of the training

The training starts with a half-day theoretical session addressing various aspects of transformer condition assessment:

- Why perform transformer oil analyses?
- What are the main oil and paper degradation mechanisms?
- Which analyses apply to which types of transformers?
- Why perform different kind of analyses at different frequency?
- What is the best frequency for conducting the analyses?
- How to interpret test results: trending, comparison with international standards, etc.
- How to use the analysis results to create and implement a maintenance action plan.

In the afternoon, there is a visit to the TelLab oil analysis laboratory. In addition, several specific case studies will be discussed in order to train the interpretation of results and the formulation of recommendations.

Target group

Maintenance staff and asset managers responsible for transformers.

Duration

1 day - 1st June.

Venue

T.E.Laboratories, Tullow Industrial Estate, Tullow, Co. Carlow.

Costs

€650.00 per person exc. VAT.
Group discounts available.

Company Profile

Laborelec is a leading research and competence centre in electrical power technology. It was established in 1962 in order to support Belgian electricity companies with research, development, and specialized services. Today, it is part of GDF SUEZ, a world leader in energy.

Training Coordinator Kevin Deville

Kevin Deville studied Industrial Science and technology from 2002 to 2006 and has a bachelor degree in Chemistry. He joined Laborelec in 2007 and is an expert technician in chromatography of transformer oil & reporting and interpretation of transformer oil analyses. Since 2009 Kevin has been a course instructor in the area of Transformer oil, with course titles such as "Condition Monitoring of Transformers by Oil Analyses". From 2007 to 2009 Kevin worked as a Lab-technician; specialising in Dissolved Gas Analysis, furanic compounds and PCB analyses. Kevin has significant qualifications in BA5 oil sampling on electrical transformers & technical expertise in transformer and lubricant oils.



Five reasons for you to choose Laborelec

- Wide range of technical competences in Electricity Generation, Grids, and End-Use
- Increased profitability and sustainability of your energy processes and assets
- Unique combination of contract research and operational assistance
- Independent advice based on certified laboratory and field analyses all over the world
- More than 50 years of experience

TelLab

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