Dv/power
Tap Changer College

Tap Changer College UK

May 18 - 19, 2021
London, UK

DRALLIM UTILITIES

VP diagnose

ABB

Tap Changer College UK, May 18 - 19, 2021, London

In collaboration with our UK distributor, Drallim Industries, DV Power cordially invites you to **the 14th Tap Changer College.** This 2-day event will take place in **London, UK, May 18 - 19, 2021**.

Our international Tap Changer College is a technical seminar structured for substation engineers, plant engineers, and equipment reliability specialists. All those who want to learn about on-load tap changer principles of operation and discuss about transformer and tap changer maintenance and testing methods are welcome to attend. This is a unique opportunity to learn how to investigate tap changer state using a new diagnostic tool for OLTCs condition assessment – the DVtest (Dynamic Resistance Measurement).

The industry's top manufacturer ABB, oil laboratory analyst VPdiagnose, along with DV Power experts will be on hand to provide answers to your questions, expand your experience with hands-on demonstrations.

Call for presentation

Visitors interested in sharing their experience are invited to submit their presentations and become the presenters at the Tap Changer College Europe. Presenter's participation is free of charge.

The presentations submission due date is April 15, 2021.

Venue

Holiday Inn,
Povey Cross Road, Gatwick, RH6 0BA,
London
United Kingdom

COLLEGE ATTENDANCE £320/person.

Early Bird Registration £220/Person *until March 01, 2021.*

Organizations that enroll five delegates will get them for the price of four.

Places are limited so book early to avoid disappointment.

Included in the fee

- Admission to the 2-day seminar
- Tap Changer College attendance certificate
- Tap Changer College material
- Coffee breaks, lunches
- Dinner after the first day of seminar

Day 1 - May 18, 2021

(9:30 AM - 5:00 PM)

1 - Transformer condition assessment methods

The first session will present the basic transformer test routines to assess the condition of a transformer.

2 - On-Load Tap Changer Fundamentals

An introduction to On-Load Tap-Changers operating principles, main transformer windings connection types, OLTC types, oil and vacuum arcing technologies, including corresponding operational sequences.

3 - On-Load Tap Changer Diagnostics

Tap Changer College participants will have the opportunity to learn about the OLTC testing methods. Advantages and disadvantages of certain methods will be discussed. The focus of the session is the Dynamic Resistance Measurement (DVtest) method as well as the guidelines for the results analysis.

4 - Dissolved Gas Analysis (DGA)

This method can be used independently or complementarily with the DVtest method. Participants will learn how to recognize the OLTC problems by analyzing gases developed in oil and vacuum tap changers, their content, sources of gas generation.

5 - On-Load Tap Changer Diagnostics - Vibration method

This additional complementary method in the OLTC condition analysis will be presented, as well. It is based on a sensor recording graphs of the OLTC vibrations.

Day 2 - May 19, 2021

(8:00 AM - 4:00 PM)

6 - DVtest Case Studies

The case study examples of detected failures using the DVtest method will be presented. The results and graph analysis before and after OLTC service will be illustrated. This session will elaborate all important steps of the DVtest analysis that led to a detection of a failure. Tap changer failure types, and how to detect a failure before it becomes a disaster, will be addressed. DV Power has been collecting these cases from 2007.

7 - Hands-on practical demonstration

DV Power OLTC devices will be used for testing the demo transformer with an OLTC simulator.

For more information or to register please contact our UK Distributor, Drallim Industries on www.drallim.com/tap-changer-college-uk/ or contact to David Gibb at Drallim on +44 7850 502750 or at dgibb@drallim.com.

Alternatively, please contact DV Power on www.dv-power.com/tap-changer-college/ or at sales@dv-power.com or +46 70 0925 000.