Power Transformer Tap Changers- Design, Maintenance and Testing

CPD Course, 20-21 July 2023

The University of Queensland’s Australasian Transformer Innovation Centre (TIC) is pleased to announce a two-day face-to-face CPD course in Brisbane and focusing on Power Transformer Tap Changers- Design, Maintenance and Testing.

This tap changer course will deliver the theoretical background information necessary along with “hands on” practical experience to understand the issues of tap changes faced by modern power systems and their operators. This course is aimed at procurement, asset strategies, operations and maintenance managers and engineers in generation, transmission and distribution, renewables manufacturing mining industrial and infrastructure organizations.
This two-day face-to-face course will bring industry professionals together for dialogue and sharing of knowledge to better understand the operation of tap changers, as well as the design, maintenance and testing thereof.

Key outcomes
- Understand the basic principles of tap changers, including oil and vacuum.
- Learn the basic arrangement of regulating windings, benefits and issues of oil and vacuum diverters.
- Become familiar with OLTC maintenance for oil and vacuum types.
- Be informed of innovative condition assessment of tap-changers using acoustic measurements, signal processing techniques used and results from field trials, case study.
- Be exposed to how some utilities are implementing life cycle-oriented maintenance of tap changers.

Presenters
The presenters in this course will include industry experts from:
- Manufacturers of tap changers, including Reinhausen.
- Transmission and distribution companies including Energy Queensland.
- Service and testing equipment companies including Omicron.
- Researchers from University of Queensland.
- Oil and associated services companies such as Molekulis and TJH2b Analytical Services

Who should attend?
- Procurement, Asset Strategists, maintenance managers and engineers.
- Generation, transmission, and distribution personnel.
- Consultants, designers and operations staff in the renewables, manufacturing, mining, industrial and infrastructure groups.
- Yong engineers just starting out in their career in Power.

Practical component
The course will have a half-day practical component at the end of Day 2, giving attendees the opportunity to witness firsthand some of the concepts discussed during the course.

PRICE

REGISTRATION
Register online via the UQ payments website at: http://payments.uq.edu.au/ECET104EAI019

Further updates and venue information please follow the “Upcoming sessions” link on the TIC CPD website at: http://itee.uq.edu.au/event/3960/australasian-transformer-innovation-centre-webinar-and-cpd-courses

A link to the venue on UQ Maps is: http://maps.uq.edu.au/?zoom=15.696837525261001&campusId=562&lat=-27.509239490109813&lng=152.99196757235038&level=1&identifier=a7527c32-0bb4-4a82-b619-221b3b1e34e7

A link to venue on Google Maps is: http://goo.gl/maps/7B1fu7L6FwLkrC7