

Module-3 Most Critical Aspects of Large Power Transformers- Stage 1



With an agenda placing emphasis on practical, real-world concerns, this is your opportunity to get answers from top transformer experts to your pressing work questions.

Are you in a new role with expanded transformer responsibilities?

Interested in a refresher course on transformer design & manufacturing, factory acceptance testing, field-testing and the latest technologies?

Looking for strategies to optimize transformer repair, refurbish and replacement while balancing asset health, economic risk, grid reliability, and transformer relay protection.

You work with transformers every day, but do you know everything you need to know about transformers?

Summary

Get to know more about the Power Transformers, Manufacturing procedures, Shunt & Series Reactor, Installation, pre commissioning, testing & commissioning of transformers using popular testing kits.

Learn how to install, test & commissioning of the power transformers, maintain the transformer, hands-on and theoretical sessions.

Learning Objectives

1. Recognize transformer design and manufacturing & operation
2. Write transformer specifications
3. Formulate Installation procedures
4. Understanding Testing & Commissioning Procedures & Formats
5. Interpret factory testing and field testing data
6. Employ transformer maintenance best practices
7. Integrate intelligent condition monitoring technologies
8. Develop repair, refurbish & replacement strategies
9. Demonstrate ways to improve safety and grid reliability
10. Learn transformer relay application, settings and testing
11. Diagnose relay misoperations

Training to fit your needs:

Transformer Professional Program

Full cycle of Transformer workshops/ training from design components to testing and end of life plus everything in between.

Transformer Relay Protection Program

Designed especially for protection engineers and testing personnel, this program will offer transformer relay protection – Application, Settings, Testing and diagnosing mis-operations.

Transformer Maintenance Program

- Geared toward maintenance professionals who work hands-on with transformer maintenance and want to focus on the maintenance portion of the Seminar.
- Complete your training experience with Lab Seminar to understand the oil characteristics
- Hear from industry experts



Further details

Length: 2 x 2 – 04 Days Theory & Practical

Course Date: January 18, 2019

Location: Trivandrum, Kerala, India

Language: English

Training documentation : Participants will receive detailed documents used in the -training course

Participant certificate: Participants will receive a certificate confirming completion of the course

Audience

Engineering Graduate, Technical staff from electric utilities, service companies and manufacturers

Methodology

Lectures, Lab Sessions, Appraisal, Communication skills & Project work

- Complete your training experience with one-day Lab Seminar.
- All options include breakfast and lunch for all participating days and all seminar materials.
- Hear from industry experts

Trainers: Well experienced field engineers, professors, and managers are drawn as faculty from Industries, Power Companies/ Corporations/Utilities, and Academic Institutes.

Training Methods: Lectures, Laboratory sessions, Group Discussions, Video, local & outstation study tours.

Laboratories: Despatcher Training Simulator, Computer, Relay Testing, Relay Simulation and High voltage equipment's.

Lecture Hall: The air-conditioned classrooms are well equipped with the state of the art equipment such as LCD projector, Video Projector, Direct Projector, Slide Projector, OHP and Public Address System.

The course content complies with the syllabus for Engineers and Supervisors for testing & Commissioning, Operation & Maintenance of Generation, Transmission & Distribution Systems as per IEC & IEEE guidelines and various utility procedures.

Course Fee : 9000 INR

CONTACT US

If any Queries related to the training, please contact on 00971.58.501.7122 or +91.8943318677

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