

Course Overview:

in this course participant will be able to understand the skills of Transmission Station Equipment Maintenance and Inspection, to be familiar with maintenance equipments in transmissions substation and determine field tests essential to planned maintenance programs.

Course Objective:

By the end of this course the participant will be able to:

- Understand the fundamentals of maintenance equipment in transmissions substation.
- Be familiar with maintenance equipments in transmissions substation.
- Determine field tests essential to planned maintenance programs.

Course Outline:

- 1- ELECTRICAL FUNDAMENTALS
- 2-POWER SYSTEM OVERVIEW
- 3-GENERATING STATIONS
- 4- TRANSMISSION OPERATION AND MAINTENANCE
- 5-WORKING SAFELY
- 6-SYSTEM OPERATION
- 7-COMMUNICATIONS, SCADA AND EMS
- 8-SYSTEM STATES, OPERATING HAZARDS AND EMERGENCY CONDITIONS

Who Should Attend:

This course is intended for engineers and technicians from substation, distribution station, power utilities, transmission and maintenance in electricity companies.

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation