Course description

INTCV202
High Voltage Testing

Course goal
The goal of the course is to improve the ability of Personnel from Power Utilities, Power Generation, transmission companies & industries and Consultants responsible for engineering, commissioning, operation and Maintenance of substations to know the basics of HV Testing, insulation.

Learning objectives
Upon completion of this course, the participant shall be able to:

- Understand various test techniques in high voltage engineering according to requirements of IEC 60060
- Significance of various tests conducted on high voltage apparatus and the test methods
- Safety aspects when conducting high voltage tests and handling high voltage equipment

Participant profile
Electrical Engineering graduates with 2-3 years experience of working with high voltage products. This course will be helpful to those who work with high voltage and medium voltage products in the areas of testing and inspection.

Prerequisites
Basic understanding of electrical system and/or experience in electrical industry is a prerequisite. The following courses if taken earlier will be additional advantage;
  - INTCV201 High Voltage Engineering

Topics

- Introduction to High voltage engineering
- Generation and Measurement of high voltages
- High voltage test techniques,
- various tests conducted on high voltage apparatus and the test methods
- Layout & Operation of high voltage test setups
- High voltage testing results interpretation
- Safety - an precaution in High voltage testing

Course type and methods
This is an instructor led seminar. The language of the course is English.

Course duration
The duration of the course is One day.