

COURSE DESCRIPTION

INTCV312

Hybrid Switchgears - Plug & Switch System (PASS)



The 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 use, maintain & select Hybrid Switchgear (PASS) in better way.

Learning objectives

Upon completion of this course, participants will be able to:

- understand the use of Hybrid Switchgear (PASS) and its application
- appreciate the design principles and critical elements of Hybrid Switchgear (PASS)
- understand the critical elements of operation & maintenance of Hybrid Switchgear (PASS)
- understand the do's and don'ts for Hybrid Switchgear (PASS)

Participants profile

Personnel from power utilities, power generation, transmission companies and industries and consultants responsible for engineering, commissioning, operation and maintenance of substations

Prerequisites

Degree or diploma in engineering, basic knowledge of power system

Topics

- Comparison of different arc interrupting principles.
- Comparison of AIS V/s GIS v/s PASS.
- Basic Concepts of Hybrid Switchgear (PASS) System Engineering.
- Hybrid Switchgear (PASS) Components – Circuit Breaker, Current Transformer, Voltage Transformer, Isolator.
- Salient features & Different Interconnection arrangements in Hybrid Switchgear (PASS), Spec. and standards.

- Day to day care, Operation and Maintenance, Troubleshooting, Site Testing & care.
- Hands on practice on Operating Mechanism
- Spare part management.

Course type

This is an instructor led face to face class room training.

Learning methods and tools

Lectures, demonstrations of hybrid switchgear. Laptop or tablet is required to have access to the e-documentation. Please bring your own device.

Duration

The duration of the course is Two days.

Safety

Participants must wear safety toe shoes or boots while entering the labs.

To Register:

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Search: please enter course number INTCV312 into the search field. (Please check the language filter EN)

The latest version of the course portfolio, and course schedule can be found on our

ABB PowerTEC Webpage :

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