

SWITCHGEAR AND POWER CABLES

COMFORI SDN BHD

Objectives:

- Learn about new switchgear innovations and components through case studies and practical discussions.
- Find practical solutions to you cabling and switchgear problems.
- Gain knowledge on the latest diagnostic tools and test equipment.
- Have a chance to discuss critical issues of compliance to standards with experienced electrical engineers.
- Learn about analysis techniques to assist your next project.
- Learn how to select types and ratings of circuit breakers and switchgear.

Overview:

This workshop is for engineers, managers and contractors on best practices in electrical switchgear and power cables. It will discuss applications, functions, analysis testing and safety issues relating to medium and high voltage switchgear and cables. You will gain a solid understanding of the issues associated with the proper application, analysis, installation, and maintenance of these critical items of equipment with an overriding emphasis on safety. This workshop will also cover electric arc-flash hazards, analysis and protection issues. In addition, it covers power cables design and development including brief overview of HTS to ensure those responsible for the selection, laying, operation, maintenance and monitoring of power cables understand the technical issues involved and comply with relevant specification and requirements. This two-day event will highlight and examine the critical issues involved in the application and management of switchgear technology and power cables.

Modules:

Module 1: Switchgear

Module 2: Switchgear Functions

Module 3: Asset Management

Module 4: Switchgear Technology

Module 5: SF6 Insulation

Module 6: Gas Insulated
Switchgear

Module 7: Electric Arc Flash

Module 8: Electric Cables

Module 9: Aerial Bundle Cables
(ABC)

Module 10: Overview of HTS
Cable