

OVERVIEW OF MAIN SWITCHBOARD AND FAULT RESTORATION

OVERVIEW

Main Switchboard (MSB) is an electrical panel specifically designed to house all the electrical components together in order to take in electricity supply and distributed to the rest of the building, as well as to provide electrical protection in terms of overload fault, short circuit fault and earth fault. Therefore, it is crucial for building maintenance persons or anyone who are involved in the electrical operation and maintenance activities to get familiar with the MSB's operations and its fault restoration procedures.

For technicians,
those who want to
work on a
Main Switchboard.

COURSE OUTLINE

- Introduction to Main Switchboard
- Components in a Main Switchboard
- Earthing system
- Type of circuit breakers and protection relays
- Layout & Schematic Diagram of Main Switchboard
- Requirements for Main Switchboard Room
- Protection Scheme for Main Switchboard
- Procedures for fault restoration and the safety precautions needed
- Exercises

OBJECTIVES

1. Overview of the different components in a Main Switchboard (MSB)
2. Overview of the type of circuit breakers and protection relays in MSB
3. Understanding of layout diagram and schematic diagram of MSB
4. Requirements for MSB room
5. Protection Scheme for MSB
6. Understanding the safety measures and correct procedures for supply restoration.



SBL CLAIMABLE



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