

10. Medium Voltage

Training objectives

- Finding out about a MV installation and its various components.
- Identifying risks.
- Operating and handling a MV structure.
- Finding out about the various types of cut-off device.
- Executing maintenance operations (fuses, etc.).
- Preparing for MV qualification

Presentation

These equipment units are made in compliance with the customer's sets of specifications. Their purpose is to provide training for work and procedures carried out on MV structures. On training grounds, these equipment units are powered by a 440 V supply while featuring the same functionalities as in the case of a 20 kV supply. This installation is used to learn to put the system into service.

Description

- Medium Voltage Cubicle.



Components

Description	Quantity
400 A three-pole bars	1
Isolating switch + ground isolating switch with cut-off device in VCB	1
Over Current/Earth Fault relay	1
Master trip relay 86	1
Over voltage and Under voltage relay	1
Metering transformers	1
Suitable MCB's for various functions	1
Voltage presence indicators	1
MV/LV teaching type transformer	1

- Primary/secondary injection case for tripping tests on the protective devices.
- Low Voltage Cubicle

Components

Description	Quantity
400 A three-pole bars	1
Isolating switch + ground isolating switch with cut-off device in ACB	1
Over Current/Earth Fault relay	1
Master trip relay 86	1
Over voltage and Under voltage relay	1
Metering transformers	1
Suitable MCB's for various functions	1
Voltage presence indicators	1

Accessory supplied

Description	Quantity
Power Cables	1