Introduction, Operation & Maintenance of Ring Main Unit SafeRing/SafeLink CB – Level 1 - Basic

Course goal
The goal of the course is to familiarize the trainees with Ring Main Unit type: SafeRing / SafePlus or SafeLink CB. It covers technical parameters, interlocks & operation of circuit breaker & load break switch.

Learning objectives
Upon completion students will:
- Become conversant in fundamentals of the switchgear design, construction and application.
- Become conversant in technical parameters of the switchgear.
- Understand the standard interlocks.
- Understand operation principle of the switchgear, circuit breaker and earthing switch.

Participant profile
This course is designed for technicians, operators & engineers (less than 5 years’ experience) responsible for the maintenance, testing and consultation of industrial and utility substations.

Prerequisites
This course is set up for beginners in ring main unit maintenance, operation & servicing. Students shall have basic knowledge of switchgear.

Topics
- Introduction.
- Features & construction.
- Overview of applicable metering module.
- Operation of RMU with circuit breaker and load break switch.
- Interlocks & locking facility.
- Overview on protection, control & communication.
- Control schematics.
- Practical exercise on sample RMU.
- Safety: safe work procedures, and usage of personal protective equipment.
- Manufacturer recommendation for maintenance.
- Overview on PowerCare & MyRemote Care tools.
- Case study.

Course type and methods
This is an instructor led seminar with class room lectures, demonstrations & factory visit. The language of the course is English.

Course duration
The duration of the course is two days.