Course description

INTCN107
Operation, Testing & Pre-requisites of Installation of RMU-SafeRing/SafeLink CB-Level 2-Advanced

Course goal
The goal of the course is to learn operation, installation pre-requisites and basic maintenance of Ring Main Unit type: SafeRing/ SafePlus or SafeLink CB.

Learning objectives
Upon completion students will:
- Become conversant in fundamentals of RMU design, application and construction.
- Do the basic maintenance for RMU & apparatus.
- Understand the best practices for site testing.
- Become conversant in basic trouble shooting.
- Ensure the safe operation of RMU.

Participant profile
This course is designed for service engineers, operation & maintenance personnel & consultants.

Prerequisites
This course is set up for engineers experienced in switchgear maintenance, operation & servicing. Students shall be able to operate the switchgear.

Topics
- Introduction.
- Features & construction.
- Specification & applicable standards.
- Overview of applicable metering modules
- USP – Value to customers.
- Interlocks & padlocking facility.
- Overview on protection, control & communication.
- Control schematics.
- Practical exercise on sample RMU.
- Safety: Safe work procedures, and usage of personal protective equipment.
- Manufacturer’s recommendation for maintenance.
- Installation pre-requisites.
- Basics of interpanel connections.
- Best practices of on-site testing & interpretation of results.
- Common problems & trouble shooting.
- Relay setting, operation & handling of disturbance records & events.
- 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 three days.