Course description
INTCN105
Operation, On-site Testing & Pre-requisites of Installation of Outdoor CB-VBF, SDB, OHB-Level 2

Course goal
The goal of the course is to learn operation, installation pre-requisites and basic maintenance of outdoor circuit breaker type: OVB-VBF, OVB-SDB or OHB.

Learning objectives
Upon completion students will:
- Become conversant in fundamentals of breaker construction and application
- Do the basic maintenance of circuit breakers
- Understand the best practice for site testing
- Become conversant in basic trouble shooting
- Ensure the safe operation of circuit breaker

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

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

Topics
- Introduction.
- Specification & applicable standards.
- USP – Value to Customers.
- Features, construction & operating mechanism of circuit breaker
- Overview on protection, control & communication
- Standard drawings.
- Practical exercise on sample breaker.
- Safety: safe work procedures, and usage of personal protective equipment.
- Manufacturer recommendation for maintenance.
- Installation pre-requisites.
- Best practice of on-site testing & interpretation of results.
- Common problem & trouble shooting.
- 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 three days.