Course description

INTCV606
Relion® 630 Series - Programming

Course goal
The aim of this course is to familiarize the participants with the programming of Relion® 630 series IEDs by using REF630 feeder protection relay and PCM600.

Learning objectives
After this course the participant will be able to:
- Know the configuration principles and programming process of Relion® 630 series
- Modify pre-configurations
- Create the relay configuration with PCM600 tool
- Modify the graphical display
- Create GOOSE communication from all the basic
- Handle relion®630 series relays

Participant profile
System engineers and technical personnel who want to learn engineering of Relion® 630 series relays.

Prerequisites
Participants shall have a good knowledge of protection relays and the electrical network to be controlled.

Topics
- Introduction to REF630, REG630, RET630 and REM630
- Hardware, features and application of Relion®630 series relays
- Most common configuration tasks of 630 Series
- PCM600 tools for IED configuration
- Configuration of the protection, control, condition monitoring and measurement functions
- Local HMI programming
- Pre-configurations
- GOOSE configuration
- Hands on training of Relion® 630 series relays

Course type and methods
This is an instructor led seminar with class room lectures, demonstrations, application and hands on practice.
The language of the course is english.

Course duration
The duration of the course is two days.