

HV Substation Technology

TRAINING OBJECTIVE

Knowledge about protections against short-circuits and LV material in a substation

Ability to intervene safely on settings and automations of a substation

Length of the course: 5 days

PEDAGOGY

- Theoretical and practical training
- Individual testing of knowledge at the beginning and end of the course
- Possibility to accompany onsite interventions
- Enhancement of customer experience feedback
- Summary of the course animated by a manager

TRAINING PROGRAM

- Refresher course on electrical engineering
- NF C 18-510 standard and safety principals
- Accesses to networks and use of various working documents
- Identify the components of a substation (transmissions, recorder...)
- Substation functioning
- Protection plan and definition of settings
- Interactivity between HV and MV
- Technology of different HV equipment
- Circuit breakers
- Disconnecting switches
- Current transformers
- Voltage transformers
- Power transformers
- LV equipment
- Recording events, incidents and disturbances
- Usual activities (Opening and closing of HV apparatus, choice the network topology)
- Maintenance of sensitive organs
- On site coaching