Operation and troubleshooting - 10 Days
Gas-insulated switchgear, type ELK-04
Customized Training

Training goal
The training participants acquire knowledge on structure and functionality of the gas-insulated switchgear, type ELK-04.

Basic safety regulations for service work at the gas-insulated switchgear are explained and the participants become familiar with the operation and inspection of the switchgear.

Target group
This training is addressed to operating and service-staff of the operator of ABB gas-insulated switchgear.

Previous knowledge
The training requires a professional qualification and experience in handling electrical devices and equipment. Basic knowledge of high voltage technology is favorable.

Training content
- Practical product presentation
- Functionality circuit breaker operating mechanism
- Oil handling of circuit breaker operating mechanism
- Functionality of disconnector - and earthing switch
- Functionality of fast-acting earthing switch (FAES)
- Handling of SF₆ gas
- Mechanical and electrical functional check
- Visual inspection of all modules
- Functionality of electrical interlocking
- Training of coupling of GIS bays
- Introduction of Modula Switchgear Monitoring (MSM)
- Installation of earthing device at IEC cable-end unit

Your benefit
- Acquire detailed product knowledge
- Customer- and equipment specific training content
- In-depth practical exercises
- Condition assessment
- Work safety
- Ensure availability of GIS by proper handling of equipment
- Reduce downtime and service intervals by qualified assessment of condition

Duration of training
10 Days
20 % Theory
80 % Practical

Number of participants
Max. 10 participants

Training location
ABB Training Center
Brown-Boveri-Straße 30
63457 Hanau-Großauheim
Contact

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