

Operation and inspection

Gas-insulated medium voltage switchgear, Type ZX



Training objective

The objective is to acquaint participants with knowledge about the constructional design and the functions of the gas-insulated switchgear type ZX.

General safety rules for work at the ZX will be explained and participants learn how to safely operate and do visual inspection of the circuit-breaker. An effective training is ensured by small group sizes.

Participant profile

This instruction is targeted to operation personnel.

Prerequisites

- extended knowledge of English language in reading and writing as well as technical terminology
- electromechanical education (Technician, Engineer)
- professional experience in handling electrical equipment over several years preferable
- basic knowledge in medium Voltage technology preferable

Instruction contents

- company presentation
- ABB - Portfolio
- product presentation
- information about ABB - Service
- operation of ZX - system
- manual operation of disconnector switch
- manual operation of disconnector earthing switch
- manual operation of circuit-breaker
- cable connections
- installation of the capacitors
- check of gas density monitors
- gas leakage detection
- maintenance concepts

Your benefit

- product knowledge
- hands-on experience
- condition assessment
- occupational health & safety
- increase know-how
- proper functioning and highest possible availability due to safe operation
- reduction on down times / service times due to qualified failure description

General

- duration 1 day
- structure 20% Theory
80% Practice
- group size max. 5 participants
- location ABB Trainings Center
Oberhausener Strasse 33
40472 Ratingen, Germany

Note:

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