Training objective
The objective is to acquaint participants with knowledge about the constructional design and the functions of the GIS type ZX. General safety rules for work at the ZX will be explained and participants learn how to install the gas-insulated medium voltage switchgear according to manufacturer’s requirements. An effective training is ensured by small group sizes.

Participant profile
This training is targeted to installation specialists of operators.

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
- general notes to installation works
- foundation frame
- preliminary work / gas pressure - gas compartments
- installation of panels
- installation of busbar
- installation of heat sink
- installation of pressure relief ducts
- handling of the voltage transformers
- cable connections
- concept of maintenances

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

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