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## Omnivise Electrical Solutions -medium voltage switchgear (K-ES-141)

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### Short Description

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Operation and testing of a Nxair medium voltage switchgear

### Objectives

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The participants learn to operate the medium voltage switchgear with a focus on safety at work and understand their components and interlockings.

### Content

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- General design: Pressure Relief Duct, withdrawable Circuit Breaker, Introduction
  - Switching Device Compartment
  - Busbar Compartment & Cable Connection Compartment; Low Voltage Compartment
  - Operating Tools
  - Service Truck
  - Operating the Circuit Breaker Panel
  - Interlockings, Earthing
  - Operation Modes of the Circuit Breaker / Circuit Breaker
  - HSE at work: 5 safety regulation, Selection Guide for Protective Equipment for Working in Electrical Installations
  - Service/ Maintenance
- Practical Training
- Racking the withdrawable circuit-breaker / circuit-breaker truck to operational position
  - Racking the withdrawable circuit-breaker / circuit-breaker truck to test position
  - Taking the withdrawable circuit breaker out of the panel
  - Earthing the feeder manually
  - Local operation of CB in Test position
  - Remote operation of CB in operational position

### Prerequisites

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- Target group: Operation and Service/ commissioning staff of medium voltage switchgears
- Requirements: Basic knowledge of electrical engineering
- Number of participants: max. 6
- Language: English
- Duration: 2 days
- Location: Power Academy Erlangen, Virtual Classroom
- Date: upon consultation

### Type

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Classroom training

### Duration

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2 days

### Language

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en