

# Operation and inspection Vacuum circuit-breaker, Type VD4 X



## Training objective

The objective is to acquaint participants with knowledge about the constructional design and the functions of the VD4 X vacuum circuit-breaker.

General safety rules for work at the VD4 will be explained and participants learn the operation and the inspection of the circuit-breaker.

An effective training is ensured by small group sizes.

## Participant profile

This training is targeted to operation and inspection personnel 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
- functionality of the vacuum circuit-breaker
- racking in/out the withdrawable circuit-breaker unit
- switching operations
- visual inspection of the operating mechanism
- visual inspection of the poles
- functional testing
- vacuum - check
- 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 and visual inspections
- reduction on down times / service times due to qualified failure description

## General

- |              |  |
|--------------|--|
| - duration   | 1 day  |
| - structure  | 30% Theory<br>70% Practice   |
| - group size | max. 5 participants  |
| - location   | ABB Trainings Center<br>Oberhausener Strasse 33<br>40472 Ratingen, Germany |

**Note:**

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