Training objective
The objective is to acquaint participants with knowledge about the constructional design and the functions of the VD4 classic vacuum circuit-breaker. General safety rules for work at the VD4 will be explained and participants learn the operation and the maintenance of the circuit-breaker. An effective training is ensured by small group sizes.

Participant profile
This instruction is targeted to operation and maintenance 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 inspections
- voltage drop measurement
- thorough mechanical and electrical functional testing
- vacuum – check
- inspection of auxiliary switch- and operating mechanism settings
- 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, visual inspections and maintenance
- reduction on down times / service times due to qualified failure description

General
- duration 3 days
- structure 30% Theory
- 70% Practice
- group size max. 5 participants
- location ABB Trainings Center Oberhausener Strasse 33 40472 Ratingen, Germany
Note:
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Contact

ABB AG
Service Power Technologies
P.O. Box 10 03 51
68309 Mannheim, Germany
Phone: +49 (0)621 381-3000
Fax: +49 (0)621 381-2645
E-Mail: powertech@de.abb.com

www.abb.de/service