

Access to the functional switching and operation on electrical equipment with up to 110 kV

Operations on electrical installations have to be performed according to the safety regulations. Theoretical part of the course includes the basics of legislative and regulatory framework: Safety prescriptions, European standards and German Electricians Alliance regulations VDE. Keeping in mind all the relevant safety measures, such actions as the maintenance of electrical power network, switching devices, arrangement of electrical installations, use of the individual protective equipment and the behavior in case of network faults and accidents will be explored in more detail during this course.



The aim of the course

The aim of the course is to provide students with the necessary knowledge and skills to be able to perform switching of electrical equipment with voltage up to 110 KV, as well as to explore the functions of the networking equipment and legislation that regulates the safe work execution.

Course content

- ▶ High voltage distribution gears
- ▶ Systems of distribution gears
- ▶ Maintenance operations in the exploitation process
- ▶ Actions in case of ground fault and switch actuation
- ▶ Operating close to the installation parts under high voltage
- ▶ Exam

Target audience

The course is designed for professional electricians who provide customized services or whose work is connected with in electricity generation, transmission, distribution and power companies.

Prerequisite skills and knowledge

The course may be initiated by people with completed professional technical education in the field of electrical energy and work experience in the company.

Issued documents

After completing the course and successfully passing an exam a person acquires a certificate issued by TÜV Rheinland Akademie.

Note: A clearance to perform works is given only by an operating enterprise after completing an instruction at the place of operation.

Course duration

32 academic hours

Price for the course

Upon request

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