

## Measuring and testing of electrical devices

It is essential to test electrical installations and equipment by means of a regular device inspection process. A higher qualification is necessary in order to do this kind of work because a testing procedure that is performed in an incorrect way may lead to serious consequences. Theoretical basic knowledge provides a higher quality of executed works and ensures safe operation.

### The aim of the course

The aim of the course is to provide knowledge about the correct measurement procedures and control methods, applied in Germany. The theoretical and practical knowledge gained during this course ensures a higher quality of the performed measurements and a secure operation process.



### Course content

- ▶ Relevant personnel qualification, undergoing an inspection
- ▶ Inspection performed by an appropriate specialist
- ▶ Safety requirements according to DGUV
- ▶ Drawing up protocols of inspection
- ▶ Work with the software
- ▶ Measurements of the inspection devices according to VDE
- ▶ Practical measurements on electrical installations and equipment
- ▶ Tracing the faults
- ▶ Specialised measurements (insulation resistance testing, loop “phase-neutral” resistance and earth resistance measurements)

### Target audience

The course is designed for professional electricians who install and operate with the electrical installations and equipment and are obliged to test them according to VDE and DGUV.

### Prerequisite skills and knowledge

The course may be initiated by people with completed professional technical education.

### Issued documents

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

### Course duration

16 academic hours

### Price for the course

170,00 €

### Contact information

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