

## MP – Testing Facilities

### Seminar-No. 30.40.06 1T

Operating testing facilities safely requires technical personnel with sufficient knowledge and skills. Seminar 30.60.05 takes into account tests in the low- as well as the high voltage range and offers the spectrum for testing procedures for product manufacturing and safety-related evaluation after overhaul and regeneration. Starting with the theoretical background to sets of rules, organizational requirements and testing technology, this segment is followed by practical instructions: explaining personal protective equipment, setting up test stations, connecting test- and measurement devices and explaining test sequences. Test voltages are 5.000 Volt for testing insulation resistance and 5.400 Volt for operational frequent voltage testing.

#### Participants:

- ✚ Technical personnel in the sector of electrical testing facilities

#### Theory:

- ✚ Electro-technical basics for safety and testing technology
- ✚ VDE 0104 for electrical testing facilities / testing stations and facilities
- ✚ DGUV I 203-034 for setting-up and operating electrical testing facilities
- ✚ DIN VDE 0105-100 for operating electrical installations
- ✚ Work methods in view of the safety required
- ✚ Safety technological equipment of testing facilities and behaviour patterns
- ✚ developing the differences to far-reaching standards of testing technology

#### Practice:

- ✚ Determining and documenting test procedures
- ✚ Checking the testing facility / the test station prior to use
- ✚ Correct use of testing devices, PPE and tools
- ✚ Conducting Ohmic and inductive resistance measuring
- ✚ Safety and sequences in insulation- and high voltage testing
- ✚ Ensuring safe status after ending of testing
- ✚ Setting up test protocols to document results

Start: by arrangement  
 Duration: 8 lessons  
 Conduction: 1 day from 9:00 to 16:00

Price:	1 participant	1.600,- €	per participant	1.600,- €
	2 participant	1.800,- €	per participant	900,- €
	3 participant	1.950,- €	per participant	650,- €
	4 participant	2.000,- €	per participant	500,- €
	5 participant	2.150,- €	per participant	430,- €
	6 participant	2.400,- €	per participant	400,- €

As of 6 participants the fee for any further participant is 400,- €. Rate discounts (lower rates for higher number of participants) are referred to per company or per quote. All offers are Net of VAT.