

Installation and Work Responsible LV + End Groups High Voltage - 3 Stars

Duration 6 days - theory and practice

Target group The course Installation and Work Responsible LS and Terminal Groups HS - 3 Stars is intended for employees who have or will have the designation as installation and work responsible and are involved in the implementation of the NEN-EN 50110/NEN 3140/NEN 3840. Thereby they manage low voltage installations with high voltage related end groups. The course is interesting for personnel working in industry. Think of power plants, food industry, blast furnaces or wind energy.

Prerequisites To attend the course, you must have an electrical engineering professional education at EQF Level 4. EQF stands for European Qualification Framework. This level corresponds to a secondary electrotechnical education (mbo/mts-e, tbi or tsi) but you can also achieve it with sufficient knowledge and experience from practice.

Objective The course Installation and Work Responsible LS and Terminal Groups HS - 3 Stars of RelyOn Quercus focuses on safe electrical management. Topics from NEN 3140 are covered and supplemented with specific knowledge from the high-voltage directive NEN 3840 on commissioning and decommissioning of high-voltage motors and distribution transformers.

For good management, the employer must be sure that his employee is sufficiently electrotechnically competent to perform work adequately and safely. The installation and work supervisor organizes, facilitates and monitors safe work on and near electrical installations.

Contents The course Installation and Work Supervisor LS and Terminal Groups HS - 3 Stars includes the following topics:

- Hazards of electricity
- Relationship of NEN 3140 with Occupational Health and Safety Act and European standards
- Liability
- Management of electrical installations NEN 3140/NEN 3840
- Implementation of NEN 3140 and NEN 3840 in the organization
- Personal protective equipment (PPE)
- Overcurrent protection
- Power systems and automatic disconnection of the power supply
- Protection against contact
- Switching equipment
- Currents and powers
- Mains structure, transformers, generators and three-phase motors
- Power systems
- Inspection plan, sampling, inspecting and reporting
- Switching and safeguarding of hs end groups, such as a high-voltage motor or distribution transformer
- Switching letters

Exam

You can complete the Installation and Work Supervisor LS and Terminal Groups HS - 3 Stars course with a theory and practical exam. There are two ways to complete the course:

Stipel certificate
Certificate of Participation