

Training: Electrical Safety: BA5 – Authorized Personnel

▪ **Objective:** Employees who **work on or with electrical installations themselves** must have the **BA5 certificate (authorized/competent)** . Engineers and technicians, for example. They can assess possible dangers themselves and determine measures that reduce the risks. They can also manage people of BA4 level during work.

▪ **Target group** : All employees who have to perform a task on or near electrical installations. This includes operating or maintenance work on electrical installations, but also all work carried out in electrical service premises and/or work that involves an electrical risk. Prior knowledge: electrical training or minimum BA4.

▪ **Program:**

Theory (7 hrs)

- Legislation, network systems, AREI, pipelines
- Purpose of the legislation, Area, cables and cross-sections
- Towards electrical safety: CPR, European legislation, external influences
- Temporary electrical supplies: site cabinets and generators
- Explosion safety: Types of explosions, ATEX - High voltage: What is high voltage, dangers and working on high voltage, vital 8.

▪ **Teaching method** : PowerPoint presentation given by an experienced teacher – Handout of the presentation – testing knowledge about the dangers of electricity

▪ **Exam & certificate of participation:** After completing a theoretical exam, students receive a certificate of participation stating whether or not the student has passed the exam.

▪ **Practical information:**

- ✓ The “BA5 Electrical Safety – Competent Person” training lasts 7 hours (1 lesson day) – after the 7 hours there is a theoretical
- ✓ The content of this training is in accordance with the AREI
- ✓ Group size: maximum 10 students
- ✓ The certificates are valid as long as the employee remains aware of the electrical regulations and the employer maintains the certificate.
- ✓ This training is provided in open training or in-company.
- ✓ ASERVI bv is recognized as a training provider by the Flemish Government. The intervention is intended for all SMEs in Flanders.

▪ **Further information:**

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