

Technical Description
V35 – Electrical Installation

Installation Electrique

Summary of the contest:

Installation and / or repairing of an electrical system according to the plan and the specifications.

Running of the contest:

The contest has a duration of six hours.

It consists in achieving an electrical installation for housing (socket, lighting device, hot water tank supply, etc...).

After installation check, a failure will be created by the jury and the candidate will have to diagnose it and repair it.

Main skills required:

Be able to:

- ✓ Read and interpret electrical drawings and plans
- ✓ Check and verify an installation
- ✓ Analyze and diagnose a failure (tests, measurements)
- ✓ Repair, by replacement or restoration, defective elements or organs, and ensure the connection
- ✓ Assemble, install and connect all the elements of an electrical installation
- ✓ Achieve focus settings
- ✓ Check the function of the installation and its conformity with the plan and specifications.

Rating criteria:

- ✓ Organization the workplace (safety, cleanliness, use of the equipment and the tooling).
- ✓ Proper functioning of the installation and in accordance with the specifications
- ✓ Relevance of the diagnosis.
- ✓ Correct implementation of the system.