

Customer connection to the electricity distribution network

Summary of the Test:

Installation and/or repair of an electricity connection and a safety fuse board for a home user, according to the plan and the specifications.

Progress of the Test:

It is a 4 hours test. It consists in making the connection to the electricity distribution network of an individual, making and connecting the safety fuse board (individual circuit breaker, electric meter, circuit breaker, etc.). After installation check, a failure will be created by the jury and the candidate will have to diagnose it and repair it.

Key Skills:

- ✓ Read and interpret electrical drawings and diagrams.
- ✓ Assemble, install and connect all the elements of an electrical connection installation.
- ✓ Calculate the breaker setting intensity according to the power of the installation.
- ✓ Achieve the development settings.
- ✓ Analyze and diagnose a failure (tests, measurements).
- ✓ Repaired by replacing or reconditioning, defective parts or organs and ensure connection.
- ✓ Check operation of the installation and its compliance with the plan and the specifications.

Rating Criteria

- ✓ Organization of the workplace (safety, cleanliness, use of equipment and tools).
- ✓ Proper operation of the system and compliance with the specifications.
- ✓ Overall aesthetics of the installation.
- ✓ Relevance of diagnosis.
- ✓ Correct setting of the system.
- ✓ Electrical risk control.