

Electrical authorization



QST-81 3 Days (21 Hours)

Description

Electrical accreditation is essential training intended for workers required to work near electrical installations or to carry out electrical work. This certification aims to guarantee the safety of individuals and the preservation of equipment against electrical risks. By obtaining an electrical clearance, professionals are better prepared to work in environments where electricity is present.

Who is this training for ?

For whom

This training is aimed at anyone (electrician or non-electrician) who must obtain electrical authorization in a professional context.

Prerequisites

None.

Training objectives

- Know the dangers of electricity and analyze the electrical risk.
- Integrate prevention into work organization.
- Implement prevention measures and the employer's instructions.
- Know what to do in the event of an accident or fire of electrical origin.

Training program

Généralités sur l'habilitation électrique : introduction à la formation

- Presentation of the electrical authorization procedure according to the NFC 18510 standard in relation to voltage areas
- Assessment of risks and physiopathological effects of electric current
- Examples of accidents in the event of electrical contact (direct, indirect contact, short circuit)
- Know how to classify installations
- Awareness of the safety rules arising from the dangers of the electric current
- Know the role of the people involved
- Recognize electrical works
- Feedback on the operations of the person involved according to their level
- Recognize environmental zones
- Know how to produce written documents
- Review of the functions of equipment, the use of plans and diagrams and the benefit of interlocks and interlocks
- Know how to evaluate the impact of equipment design on personnel safety

Appréhender les notions en terme de sécurité électrique

- Evaluate collective protection equipment and their function (barrier, screen, banner, etc.)
- Evaluate individual protection means and limits of use
- Know how to define the risks linked to the use and handling of materials and tools used in the environment
- Learn what to do in the event of a bodily accident
- Learn how to drive to take in the event of a fire in an electrical environment

Partie pratique de l'habilitation électrique

Évaluation théorique et pratique

- Questionnaire with fundamental questions defined by the standard
- Practical exercise with acceptance criteria defined by the standard