

3120E

PREPARATORY TRAINING FOR LV ELECTRICAL AUTHORISATION - H/V (Q)

Zielgruppe

Employees and self-employed persons in the private and public sectors working in a vehicle maintenance workshop who wish to be authorized to carry out work on electrified vehicles. They must first have a professional qualification resulting from the completion of training, e.g. as an engineer, technician, master or journeyman in electrical engineering. In the case of a current professional qualification, this training must take place at the end of the course when the candidate has mastered all the modules relating to electricity.

Ziele

The participants will be able to identify electrical hazards, understand HV installations and apply lockout/tagout procedures using the appropriate personal protective equipment (PPE) and collective protective equipment (EPC).

On completion of the course, participants will be able to work safely and responsibly in workshops on electrified vehicles, particularly when they are shutting down. The following themes will be addressed: *Identifying electrical risks *Understanding the installation of high-voltage (HV) systems *Implement consignment and de-consignment procedures using the appropriate personal protective equipment (PPE) and collective protective equipment (CPE).

Inhalt

*Knowledge (validated by a prior learning assessment):

Understanding electrical risks (effects of electrical current on the human body)

Master the 9 general principles of accident prevention

Know what to do in the event of an electrical accident

Understanding the "HV" installation in an intrinsically safe vehicle

Master the 5 safety rules for powering down when working on an electrified vehicle

*Skills (validated by a prior learning assessment):

Appropriate use of PPE and EPC

Identify the different "HV" components

Applying safety instructions and the 5 rules on shutdown procedures and vehicle reinstatement post service or repair.

Follow a fault detection procedure for the "HV" system (down).

*Attitudes :

Take an active part in training

Applying safety instructions and good practice

Work responsibly during your own operations

Supervise work carried out by another technician on a safe-down vehicle



PREIS
730 €



SPRACHEN
EN



DAUER
16 Std



DATEN
English Session
24.03.2025 - 31.03.2025



ORT(E)
CNFPC Ehrlange-sur-Mess

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