

## Overview

This standard is designed for those who provide a first response to a broken-down or accident damaged electric vehicle, for example, those working for the emergency services and roadside recovery operators; the standard would also be appropriate for those involved in the dismantling and disposal of electric vehicles. It covers the working practices and knowledge needed to carry out a risk assessment and work safely around an electric vehicle that may have damage to its high and/or low voltage systems.

For the purposes of this standard, an electric vehicle is any vehicle that is in part or wholly electrically propelled. This would include:

- Hybrid (HEV) - to include mild/micro hybrid vehicles where the voltage is considered dangerous.
- Plug-in Hybrid (PHEV)
- Extended Range Electric Vehicle (ER-EV) or Range Extended Electric Vehicle (RE-EV)
- Battery Electric Vehicle (BEV) or Pure Electric Vehicle (PEV)
- Fuel Cell Electric Vehicle (FCEV).

**This standard does not deem someone competent to maintain, service or repair an electric vehicle's high voltage systems and their components.**

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## Performance criteria

### *You must be able to:*

P1 Identify the electric vehicle type and collect relevant information about the **vehicle** and associated **hazards**

P2 Wear personal protective equipment (PPE) and use safety equipment in line with your working procedures and appropriate to the work activities you are carrying out.

**Please note, this does not include specific PPE for working on the high voltage system.**

P3 Carry out a dynamic risk assessment to identify the potential **hazards** presented by the electric vehicle, assess the risks and formulate an agile mitigation plan

P4 Follow the correct procedures to make the **vehicle** safe prior to starting any work activities. If the procedure to do this is NOT within your level of training, competence and authority, refer to the relevant person.

P5 Carry out work activities in a way that minimises risks to yourself, other people and the environment

P6 Recognise when the **vehicle** has problems you cannot deal with yourself, refer to a relevant person and follow their instructions

P7 Record and report the work activities you have carried out on or near the **vehicle** to relevant person.

P8 Follow a robust, documented/logged handover procedure

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Provide a first response to a broken-down or accident damaged electric vehicle



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## Knowledge and understanding

*You need to know and understand:*