

Part 2 EV Technician

Follows the ASE Level 2 guidelines, this course certifies automobile technicians to work safely on the high-voltage components of electric vehicles, excluding the traction battery. You'll learn about the personal protective equipment and specialised tools, as well as how to de-energise vehicles and confirm absence of voltage.



Who is the course for?

- Automobile Service Technicians who have experience as Level 1 EV Technicians
- Automotive Technicians/Mechanics
- Automotive Technicians (A-level)
- General Service Technicians



What will you learn?

- Master safety protocols for EV maintenance
- Establish electrically safe working conditions
- Recognise and maintain test instruments and equipment

Lesson breakdown

Total course duration: 1.5-2 hour (divided into three lessons) | Virtual

Safety Protocols for EV Maintenance

Learn how to recognise potential EV maintenance risks and ways to avoid them, use and maintain Personal Protective Equipment (PPE) specific to Level 2 EV repair, recognise shop safety alerting techniques, and describe common safety rules and the reasoning behind them.

1

Choosing and Maintaining EV-Safe Tool

Learn how to use and maintain Personal Protective Equipment (PPE) specific to Level 2 EV repair, select appropriate tools for EV maintenance, and inspect and maintain test tools specific to EV applications.

2

3

Establishing Electrically Safe Working Conditions

Understand how to perform standardised de-energising procedures before servicing or repairing EVs, verify the absence of voltage using approved methods, and implement lockout/tagout (LOTO) procedures for EVs.

Prerequisite knowledge

Must have EV Technician Part 1 or xEV Electrical Safety Awareness Certification Level 1 (or equivalent), as well as basic understanding of the layout and purpose of high voltage components.



Our lessons are...

- Designed to educate learners of all skill levels
- Interactive and engaging
- Supported by video content
- Backed up by downloadable content for further learning
- Delivered by industry experts
- The course is evaluated by a graded assessment