Electric Vehicle High Voltage Safety Technician- Level 1 online Training

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Seminar | Always available | Certificate of Attendance

E-learning | 8 Lessons | Available online

Seminar Number: IN-AEM-EVHV L1(EL)

Status: 06.11.2026. All current information can be found at https://academy-in.tuv.com/s/IN-AEM-EVHV L1(EL)

The Electric Vehicle High Voltage Safety Technician – Level 1 Online Training by TÜV Rheinland is a foundational program designed to equip participants with essential knowledge of high-voltage (HV) systems used in electric and hybrid vehicles. This self-paced online course covers the principles of HV safety, identification of high-voltage components, associated electrical hazards, and safe work practices. Participants will learn how to recognize risks, apply appropriate safety measures, and comply with industry standards—ensuring safe interaction with EV systems and components in the workplace.

Benefits

Obtain a recognized certification that validates your foundational knowledge of Electric vehicle (EV) high-voltage safety.

Enhance workplace safety by understanding how to identify and mitigate high-voltage hazards in EV and hybrid systems.

Build essential awareness to support safe maintenance, servicing, and handling of electric vehicles.

Contribute to your organization's compliance with evolving EV safety standards and regulations.

Strengthen your professional profile in the rapidly growing electric mobility and automotive sector.

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Target group

Automotive Technicians and Workshop Staff

Vehicle Recovery and Roadside Assistance Personnel

Dealership and Service Advisors

Fleet Maintenance Professionals

Health & Safety Officers in the Automotive Sector

First Responders and Accident Recovery Teams

Requirements

No prior experience with electric vehicle systems is required. However, a basic understanding of automotive or electrical principles would be beneficial for better comprehension of course content.

Training outline

Format: Online Training

This course is delivered in a fully online format, offering participants a flexible and interactive learning experience through expert-led modules, visual demonstrations, and practical case scenarios. Learners can progress at their own pace while gaining a strong understanding of high-voltage safety principles in electric and hybrid vehicles.

Certification and Accreditation

Upon successful completion of the course, participants will receive a Certificate of Completion in Electric Vehicle High Voltage Safety Technician – Level 1, certifying their foundational understanding of high-voltage system safety and safe work practices within the electric mobility environment.

What Will You Learn

By the end of this course, participants will:

Understand the basic principles of electricity and their application in electric and hybrid vehicle systems.

Identify key high-voltage components such as batteries, inverters, converters, and cabling systems.

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Recognize potential hazards associated with high-voltage systems, including electrical shock and arc flash risks.

Learn safe work practices, including isolation procedures, PPE requirements, and hazard communication.

Understand the roles and responsibilities of technicians when working around HV systems and accident vehicles.

Gain awareness of industry safety standards, regulations, and best practices for ensuring workplace safety in EV environments.

Other information

For more information and inquiries, please contact academy@ind.tuv.com or fill up the contact form and our representatives will reach out to you.

Event overview and booking

Book your desired date now directly online at https://academy-in.tuv.com/s/IN-AEM-EVHV L1(EL) and benefit from these advantages:

- Fast booking process
- Personal customer account
- Simultaneous booking for several participants.

Alternatively, you can use the order form to order via fax or e-mail.

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I HEREBY BINDING REGISTRATION FOR THE FOLLOWING SEMINAR:

Electric Vehicle High Voltage Safety Technician- Level 1 online Training

Seminar Number: IN-AEM-EVHV L1(EL)

Please choose an appointment you would like to book:

☐ **01/01/2026 - 31/12/2099**, | Event number: IN-AEM-EVHV L1(EL)
₹15,000.00 (Net price, plus GST) ₹17,700.00 (Gross price, including GST)

All further information about the dates can be found at https://academy-in.tuv.com/s/IN-AEM-EVHV L1(EL).

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Participant information

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