



Energized Electric Vehicle and High Voltage Battery Technician Level 3 Refresher and Recertification

Level 3 | Course information sheet

Annual refresher 2 hours online | Third-year recertification 1 day in person

Course overview

This course refreshes electrical hazard assessment and risk controls for energized electric vehicle systems and high-voltage batteries. It reviews changes in vehicle technology, battery systems, relevant practices, and procedures for work on or near energized components.

Who should attend

Personnel who completed ElecTrain Level 3 certification and need continuing training or reassessment of their energized work skills. Level 2 completion remains a prerequisite for Level 3.

Learning outcomes

- Review hardware and software safety features and high-voltage battery components.
- Evaluate energized task scenarios and select risk controls, protective equipment, and safe work practices.
- Review changes in relevant standards, research, vehicle technology, and incident lessons.
- For the in-person session, demonstrate Level 3 practical objectives for energized task planning and risk management.
- Distinguish documentation of annual refresher training from ElecTrain recertification after third-year assessments.

Topics covered

Battery and energy storage safety features; hazard acknowledgement; task risk assessment; energized work practices; protective equipment; contact release; electrical accident response; updated practices and vehicle technology.

Refresher periodicity

ElecTrain recommends a two-hour online refresher each year and a one-day in-person recertification every third year. This is ElecTrain's program schedule, not an NFPA 70E retraining requirement for automotive vehicle work.

Completion and scope

The annual two-hour online session has no exam and documents refresher training; it does not renew assessed practical competency. The one-day in-person session includes a written examination and practical performance assessment; successful participants receive ElecTrain Level 3 recertification. Employers determine task-specific authorization after training.

Request this course

Contact ElecTrain at info@electrain.com or 509-396-3008 to request an annual online session or schedule in-person recertification.