

HANDS-ON TRAINING AT SEDA HV2 + HV3

(Electric Vehicles & Li-ion Accumulators)

► for
CAR RECYCLERS

May 5 - 9, 2025
October, 20 - 24, 2025



Max. Participants: 12 persons
Course location: **E-Car Recycling Demo Centre**
Kaltenbach 19, 6345 Kössen,
Tyrol, Austria
Course times: Mon-Fri 9:00-16:30 hrs.
Course instructor: Helmut Glas (TAK)
Course completion: **Exams and certificates**
Costs: € 1.900.- (advance payment)
IBAN: AT04 1200 0513 1306 8001
SWIFT: BKAUATWW
Accommodation: arranged by the participant
Registration: per email

- In English
- In line with DGUV Information 209-093 (Germany)
- Levels HV2 and HV3
- Theory and Practice
- 5 days (8 hours a day)
- Onsite in Austria (at SEDA Headquarters)
- Official certificates
- Travel costs, accommodation and boarding at the expense of the participants

PROGRAMME:

MONDAY / TUESDAY

- ✓ **Basic training:** qualifications to work on series vehicles focusing on HV intrinsically safe vehicles in accordance with DGUV Information 209-093.

WEDNESDAY / THURSDAY

- ✓ **Advanced training:** qualifications to work on series vehicles focusing on intrinsically non-safe vehicles as well as work with systems under voltage and on HV accumulators.

FRIDAY

- ✓ **Advanced training:** comprehension
- ✓ Round table with industry experts

TRAINING CONTENT:

► Day 1 and 2

- ✓ Basic electrical engineering knowledge
- ✓ Alternative fuels and drives
- ✓ HV concept and vehicle technology
- ✓ Design, function and mode of operation of HV vehicles
- ✓ Electrical hazards and first aid
- ✓ Technical responsibility
- ✓ Protective measures against electrical body currents and fault arcs
- ✓ Definition of "HV intrinsically safe vehicle"
- ✓ General safety rules
- ✓ Practical procedure for working on HV vehicles and systems
- ✓ Practical exercises and demonstrations
- ✓ Final examination and certificate issue

► Day 3 to 5

- ✓ Technical and management responsibility
- ✓ Electrical hazards and first aid
- ✓ Electrical work in accordance with accident prevention regulation DGUV Vorschrift 3 and DIN VDE 0105-100
- ✓ Safety requirements according to Federal ECE Regulation 100
- ✓ Tools and protective, testing and auxiliary equipment to be used
- ✓ Securing work areas
- ✓ Marking of vehicles with exposed live parts
- ✓ Testing equipment
- ✓ Specific non-electrical hazards, e.g. chemical hazards, fire and explosion
 - ✓ Practical exercises in working on HV vehicles and HV energy storage systems
- ✓ Final exam and certificate award

