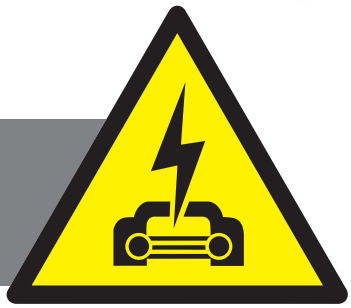

# HANDS-ON TRAINING AT SEDA HV2 + HV3

## (Electric Vehicles & Li-ion Accumulators)

**► for CAR RECYCLERS**

**March 11-15, 2024**
**May 6-10, 2024**



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|---|---|
| **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