



## High Voltage Vehicle Standards CHECKLIST

Standard of excellent for safely managing high voltage vehicles.

<https://aracertification.com/electric-vehicles>

### High Voltage Vehicle Safe Management Standards

- 5.01 Stock the proper Personal Protection Equipment  
The Facility has the necessary Personal Protective Equipment (PPE) for processing Hybrid and Electric Vehicles including: Lineman hook, Insulated electric-protective glove liners and Leather cover gloves.
- 5.02 Stock the proper Specialized Tools - The Facility has the necessary tools for processing Hybrid and Electric Vehicles including: Insulated tools- must be rated to 1000V AND Digital Multi Meter.
- 5.03 HVV Shipping Certification - Shipping personnel are trained and certified within the last three years for packaging and shipping of HazMat and/or Dangerous good including High Voltage Vehicle (HVV) batteries.
- 5.04 HVV Dismantler Technician Certification  
The Facility has provided the ARA Electric and Hybrid Vehicle Technology Guide to each High Voltage Vehicle Technician. Download the ARA Guide and distribute to each technician working with HVVs, <https://arauniversity.org/electric-hybrid-vehicle-technology-guide/>
- 5.05 HVV Dismantler Technician Certification  
All HVV Dismantlers have completed the eight (8) ARA University training modules.
- 5.06 HVV Dismantler Technician Certification  
All HVV Dismantlers have read and signed the HVV Protocol.
- 5.07 Our facility documents the vehicle record with the words HIGH VOLTAGE at the first opportunity after purchase.
- 5.08 Our facility has trained our transportation drivers and vehicle moving specialists on the potential dangers of High Voltage Vehicles (HVV).
- 5.09 Our facility has the specific Personal Protective Equipment (PPE) and neutralizing kits available and has trained team members involved in HVV regarding their proper use and maintenance.





- 5.10 Our facility marks our High Voltage Vehicles (HVV) with the correct ARA High Voltage Warning signage on multiple sides when the vehicle is still complete with the High Voltage Battery.
- 5.11 At the proper point in our inventory process, and as soon as possible to not disrupt the correct retrieval of information and processing of the vehicle, a trained team member utilizing the proper PPE removes the High Voltage Battery Disconnect Service Plug and ties it to the steering wheel.
- 5.12 After check-in, inventory and any dismantling needs for the system to be complete, at the first possible point in the process, the High Voltage Battery is removed. Team members utilize the proper PPE and follow the manufactures procedures for the proper removal of the battery.
- 5.13 Our facility marks our HVV with the correct ARA “Battery Removed” signage, replacing, or covering the previously installed ARA High Voltage Warning signage.
- 5.14 After removal High voltage batteries are properly stored per local fire code, easily and identifiable and separating the batteries by chemistry. Nickle-metal hydride (NiMH) and Lithium-ion (Li-ion) must be separated in the storage area.
- 5.15 Our facility has trained employees and understands that High Voltage Battery pack assemblies must be transported as “Dangerous Goods” when shipped on ground transportation or shipping carriers.

**Certified Auto Recycler (CAR) Certification** is required before High Voltage Vehicle Certification may be attained. CAR Certification is compliance based on environmental and safety regulations required of an automotive recycling facility.

Most ARA members find that the CAR certification process adds value to their operation. *The certification process is the easiest and most straightforward way to compliance assurance at your professional automotive recycling facility.*

New and renewing CAR membership begins with ordering a certification tracking record. Order a CAR Record at <https://arauniversity.org/product/certification-record-car-gs/>

