

# Bulletin

## Tasmanian Automotive Chamber of Commerce



Reference No. Electric car qualifications/bm-08-23

Date: 23/08/2023

### **ELECTRIC VEHICLE – RELEVANT TRAINING FOR MOTOR MECHANICS AND OTHER INDUSTRY WORKERS**

Dear members

With over 7000 zero / low emission vehicles (BEV, HYBRID & PHEV) now operating in Tasmania, TACC are fielding a growing number of enquires on what qualifications are required to work on an electric car

Electric vehicles (EVs) typically operate at much higher voltages than other battery-powered industrial equipment such as golf carts, forklifts, sweeper's and elevating work platforms (EWPs).

As such they can create several unique hazards. This is particularly the case with heavy vehicles such as freight trucks, mining equipment and buses which may operate at higher voltages than passenger vehicles.

Employers, are reminded that under section 60 of the Australian Consumer Law: If a person supplies, in trade or commerce, services to a consumer, there is a guarantee that the services will be rendered with due care and skill, meaning that any services provided should be performed by a competent person who is either qualified, has the appropriate training, or relevant experience. Employers also have a primary duty of care to their employees under the Workplace Health and Safety Act 2012 to ensure workers have the training necessary to protect all persons from risks to their health and safety arising from work carried out as part of the conduct of the business.

Currently in Tasmania there are no specific license classes for workers undertaking work on EV's. Competency may be achieved by supplementing existing knowledge and experience with relevant technical training.

#### **This may include:**

- **Completing a training course provided through a registered training organisation, or**
- **Undertaking product specific training provided by an Original Equipment Manufacturer (OEM), or**
- **A combination of both the above.**

Under AS 5732:2022 Electric Vehicle Operations – Maintenance and repairs, TACC recommends, as a minimum but adequate standard, that systems and recognised competencies should be in place prior to conducting work on electric vehicles to minimise the risk of injury. This applies to motor mechanics and other workers, including:

- underbody technicians
- panel beaters
- spray painters
- auto dismantlers
- fire & rescue
- Installers of aftermarket equipment (e.g. towbars, bullbars, suspension)
- tow truck operators
- waste and recycling facilities

#### **Recognised Competencies**

- AURETH101 – Depower and Reinitialise BEV
- AURETH011 – Depower and Reinitialise HEV & PHEV
- AURETH102 – Inspect and Maintain BEV and HEV

Please contact TACC for further information on training courses, bookings, specialised tooling and personal protection equipment required for safe work practices on ZLEV power sourced vehicles.

Or talk to your TACC Area Manager

- North & Northwest: Darren Anderson 0400 442203
- South: Anthony Cowley 0419 136027

**Bruce McIntosh**  
Manager