AURSS00064 BATTERY ELECTRIC VEHICLE
Inspection and Servicing Skill Set

AURSS00037 HYBRID ELECTRIC VEHICLE
Inspection and Servicing Skill Set

POST-TRADE COURSE

Course Overview
This course is aimed at upskilling automotive technicians to provide the skills necessary to depower, service and repair, and reinitialise Battery Electric Vehicles (BEV) and Hybrid Electric Vehicles (HEV). As the automotive industry moves towards a future where electric drive and/or electric assisted vehicles are increasing in popularity.

Entry Requirements
The skill sets are limited to those who have completed one of the following qualifications:

- AUR30320 Certificate III in Automotive Electrical Technology or its equivalent
- AUR30620 Certificate III in Light Vehicle Mechanical Technology or its equivalent
- AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology or its equivalent
- AUR31220 Certificate III in Mobile Plant Technology, or equivalent. (Graduates of the EWP stream must have completed AURETR129 Diagnose and repair charging systems and AURETR130 Diagnose and repair starting systems)

Learning Outcomes
Learners will develop skills in inspecting and servicing BEV and HEV in the automotive retail, service and repair industry. Upon successful completion, learners will receive a Statement of Attainment for the following Nationally Recognised Units of Competency:

Unit Code	Title
(AURSS00064) Battery Electric Vehicle Inspection and Servicing Skill Set	
AURETH101	Depower and reinitialise battery electric vehicles
AURETH102	Inspect and maintain battery electric vehicles
AURETH103	Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles
AURETH107	Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles
(AURSS00037) Hybrid Electric Vehicle Inspection and Servicing Skill Set	
AURETH110	Diagnose and repair high voltage rechargeable energy storage systems in hybrid electric vehicles
AURETH011	Depower and reinitialise hybrid electric vehicles
AURETH012	Service and maintain electrical components in hybrid electric vehicles

*The unit **AURETR125 Test, charge and replace batteries and jump-start vehicles** is a prerequisite for **AURETH110**, and will be assessed and awarded prior to the course **(where required).** Assessment can be by RPL, and is included in the course fee.*

Duration
MTA WA Training's HEV and BEV program is delivered in its entirety within a five-day course that combines classroom-based learning with practical tasks/assessments in the workshop.

Mode of Delivery
The learner is required to understand electrical principles and automotive technology as electrical fundamentals are only revised during the training delivery. The course will involve theory delivery in the classroom and demonstration of tasks in the workshop. To award the skill sets, AURSS00064 and AURSS00037, units of competency need to be acquired by assessment. Assessment will involve completing assessment tasks in the workshop and a knowledge test.

Resources Required
Learners are expected to provide minimum personal protective equipment (work clothing, safety glasses and rubber soled safety boots that meet Australian Safety Standards AS 2210.3) and are encouraged to bring their own test equipment or special PPE, as long as it meets MTA WA Training's requirements.

Course Fees
Subsidised rate: $828.25* in total:

- AURSS00064 Battery Electric Vehicle Inspection and Servicing Skill Set: $534.00
- AURSS00037 Hybrid Electric Vehicle Inspection and Servicing Skill Set: $294.25

**This course is offered with subsidies under the Priority Industry Training program. Eligibility criteria apply.*

For candidates who do not meet the eligibility criteria for the subsidised program, a Fee-for-Service option is available:

- MTA WA Members: $2,630.00
- Non-Members: $2,930.00

A $1,500 deposit is required by self-funded learners to confirm the booking, with the balance payable on course commencement

The total course fees are indicative only and are subject to change given individual circumstances at enrolment. Additional fees may apply.

All learners are treated equitably, having regard to their particular needs, in order to ensure the provision of every reasonable opportunity for the learner to acquire the competencies of the qualification.

Special Requirements
Due to the high voltage and potentially dangerous nature of the work, learners with severe twitches or impaired fine motor skills must assess their suitability to enrol in the course. Learners with pace-makers or other medical device, or condition that can be affected by the powerful magnets within an EV, as per AS 5732:2022 (Sect 2.1), are not suitable to attend this course.

Please contact our Registered Training Organisation for more information
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