



Australian Government

AURSS00065 Hydrogen Fuel Cell Electric Vehicle Inspection and Servicing Skill Set

AURSS00065 Hydrogen Fuel Cell Electric Vehicle Inspection and Servicing Skill Set

Modification History

Release	Comments
1	This skill set was first released in AUR Automotive Retail, Service and Repair Training Package Release 8.0.

Description

This skill set addresses the skills and knowledge to inspect and maintain hydrogen fuel cell electric vehicle (FCEV) systems in an automotive retail, service and repair industry context.

Pathways Information

The units in this skill set provide credit towards Certificate IV in Automotive Electrical Technology, and other qualifications that allow for the selection of these units.

Entry Requirements

This skill set is limited to those who have completed one of the following:

- AUR30320 Certificate III in Automotive Electrical Technology or equivalent
- AUR30420 Certificate III in Agricultural Mechanical Technology or equivalent
- AUR30520 Certificate III in Marine Mechanical Technology or equivalent
- AUR30620 Certificate III in Light Vehicle Mechanical Technology or equivalent
- AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology or 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)
- AUR31520 Certificate III in Automotive Diesel Engine Technology or equivalent
- AUR32120 Certificate III in Automotive Body Repair or equivalent
- AUR32721 Certificate III in Automotive Electric Vehicle Technology or equivalent.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this skill set at the time of publication.

Skill Set Requirements

Code	Title
AURETH017	Work safely with hydrogen in the automotive industry
AURETH018	Inspect and maintain hydrogen fuel cell system
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
AURTTTC001	Inspect and service cooling systems

Pre-requisite Requirements

Unit of competency	Prerequisite requirement
AURETH018 Inspect and maintain hydrogen fuel cell system	AURETH017 Work safely with hydrogen in the automotive industry AURETH101 Depower and reinitialise battery electric vehicles
AURETH102 Inspect and maintain battery electric vehicles	AURETH101 Depower and reinitialise battery electric vehicles
AURETH103 Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles	AURETH101 Depower and reinitialise battery electric vehicles

AURETH107 Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles	AURETH101 Depower and reinitialise battery electric vehicles
---	--

Target Group

This skill set is for individuals with existing automotive technology skills and knowledge, who work in automotive mechanical or electrical technical contexts, and who are looking to upskill in the area of hydrogen FCEVs.

Skill Set Mapping Information

Previous Code and Title	Equivalence
	Newly created

Suggested Words for Statement of Attainment

These units of competency from the AUR Automotive Retail, Service and Repair Training Package meet industry requirements for hydrogen FCEV technicians in automotive workplace contexts.

Links

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>.