

Skill set code	AURSS00065
Skill set title	Hydrogen Fuel Cell Electric Vehicle Inspection and Servicing Skill Set
Skill set description	<p>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.</p> <p>Licensing, legislative, regulatory or certification requirements may apply to this skill set. Users are advised to check with the relevant jurisdiction/s for current requirements.</p>
Pathways information	The units provide credit towards AUR40620 Certificate IV in Automotive Electrical Technology, AUR32721 Certificate III in Automotive Electric Vehicle Technology and other qualifications that allow for selection of these units.
Entry requirements	<p>This skill set is limited to those who have:</p> <ul style="list-style-type: none"> ▪ completed one of the following qualifications: <ul style="list-style-type: none"> ○ 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

Skill set requirements	<p>AURETH101 Depower and reinitialise battery electric vehicles</p> <p>AURETH102 Inspect and maintain battery electric vehicles *</p> <p>AURETH103 Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles *</p> <p>AURETH107 Diagnose and repair system instrumentation in safety interlocks in battery electric vehicles *</p> <p>AURETH017 Work safely with hydrogen in the automotive industry</p> <p>AURETH018 Inspect and maintain hydrogen fuel cell system *</p> <p>AURTTTC001 Inspect and service cooling systems</p> <p>Note the following prerequisite unit requirements.</p> <table border="1" data-bbox="603 891 1436 1771"> <thead> <tr> <th data-bbox="603 891 1018 947">Units in this skill set</th><th data-bbox="1018 891 1436 947">Prerequisite units</th></tr> </thead> <tbody> <tr> <td data-bbox="603 947 1018 1088">AURETH102 Inspect and maintain battery electric vehicles</td><td data-bbox="1018 947 1436 1088">AURETH101 Depower and reinitialise battery electric vehicles</td></tr> <tr> <td data-bbox="603 1088 1018 1312">AURETH103 Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles</td><td data-bbox="1018 1088 1436 1312">AURETH101 Depower and reinitialise battery electric vehicles</td></tr> <tr> <td data-bbox="603 1312 1018 1491">AURETH107 Diagnose and repair system instrumentation in safety interlocks in battery electric vehicles</td><td data-bbox="1018 1312 1436 1491">AURETH101 Depower and reinitialise battery electric vehicles</td></tr> <tr> <td data-bbox="603 1491 1018 1771">AURETH018 Inspect and maintain hydrogen fuel cell system</td><td data-bbox="1018 1491 1436 1771"> AURETH101 Depower and reinitialise battery electric vehicles AURETH017 Work safely with hydrogen in the automotive industry </td></tr> </tbody> </table>	Units in this skill set	Prerequisite units	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 in safety interlocks in battery electric vehicles	AURETH101 Depower and reinitialise battery electric vehicles	AURETH018 Inspect and maintain hydrogen fuel cell system	AURETH101 Depower and reinitialise battery electric vehicles AURETH017 Work safely with hydrogen in the automotive industry
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Skill set mapping information	No equivalent skill set.										
Links	Link to Companion Volume Implementation Guide.										

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.
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.

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