

<b>Skill set code</b>	AURSS00065
<b>Skill set title</b>	Fuel Cell Electric Vehicle Inspection and Servicing Skill Set
<b>Skill set description</b>	<p>This skill set addresses the skills and knowledge to inspect and service fuel cell electric vehicle (FCEV) systems in an automotive retail, service and repair industry context.</p> <p>No licensing or regulatory requirements apply to this skill set.</p>
<b>Pathways information</b>	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.
<b>Entry requirements</b>	<p>This skill set is limited to those who have completed one of the following qualifications:</p> <ul style="list-style-type: none"> <li>▪ AUR30320 Certificate III in Automotive Electrical Technology or equivalent</li> <li>▪ AUR30620 Certificate III in Light Vehicle Mechanical Technology or equivalent</li> <li>▪ AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology or equivalent</li> <li>▪ 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).</li> </ul>
<b>Skill set requirements</b>	<p>AURETH015 Diagnose, remove and replace heavy electric vehicle rechargeable energy storage system</p> <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 service hydrogen fuel cell components *</p> <p>Note the following prerequisite unit requirements.</p>

	<b>Units in this skill set</b>	<b>Prerequisite units</b>
	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 service hydrogen fuel cell components	AURETH101 Depower and reinitialise battery electric vehicles  AURETH017 Work safely with hydrogen in the automotive industry
<b>Skill set mapping information</b>	No equivalent skill set.	
<b>Links</b>	Link to Companion Volume Implementation Guide.	
<b>Target group</b>	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 FCEVs.	
<b>Suggested words for statement of attainment</b>	These units of competency from the AUR Automotive Retail, Service and Repair Training Package meet industry requirements for FCEV technicians in automotive workplace contexts.	