

**Correct as at 26th April 2026. It may be superseded at any time.**

**Extract taken from:** PRS & QMS > PRS: Low volume vehicle certification > Technical part > 4 Electric vehicles

## 9 4 Electric vehicles

### Requirements

	What NZTA expects of you	How NZTA will assess your performance
	<b>Correct technical decisions</b>	
<b>9.1</b>	You thoroughly inspect all modifications and correctly determine if the modifications comply with all legal requirements, taking into account technical information provided by NZTA and the LVVTA such as Low Volume Vehicle Code, Standards, Survey Sheets, Information Sheets, and LVVTA Member Association Technical Manuals.	NZTA will: <ul style="list-style-type: none"><li>• talk to you</li><li>• observe you at work</li><li>• inspect the modifications on vehicles while you are certifying the vehicles, or after you have certified the vehicles</li><li>• inspect inspection and certification documents you use and complete.</li></ul>
<b>9.2</b>	<b>Technical competence</b>	

	What NZTA expects of you	How NZTA will assess your performance
<p>You are competent in all technical aspects relating to <i>Category 4 Electric vehicles</i> modifications. This means you are competent in:</p> <ul style="list-style-type: none"> <li>the assessment of <i>Category 4 Electric vehicles</i> modifications including</li> </ul>	<p>NZTA will:</p> <ul style="list-style-type: none"> <li>talk to you</li> <li>ask questions to check your competence relating to any of the modifications, and your assessment of the modifications</li> <li>observe you at work</li> <li>inspect inspection and certification documents you use and complete</li> <li>inspect your <a href="#">Training record</a>.</li> </ul> <p>NZTA may administer a short test on <i>Category 4 Electric vehicles</i> modifications, and the assessment of <i>Category 4 Electric vehicles</i> modifications.</p>	

	What NZTA expects of you	How NZTA will assess your performance
9.3	<p><b>Technical equipment</b></p>	
	<p>You have, or have access to:</p> <ul style="list-style-type: none"> <li>• an appropriate road for conducting brake testing</li> <li>• a stop-watch or other device capable of measuring average deceleration</li> <li>• an LVVTA h-frame or h-point template</li> <li>• a steel ruler and a tape measure</li> <li>• a hand-held inspection lamp</li> <li>• a mirror</li> <li>• duct or similar adhesive tape</li> <li>• a string-line</li> <li>• a 35% VLT tint sample or a light transmission meter</li> <li>• a hand-tool selection.</li> </ul> <p>The equipment is in good condition and working order.</p>	<p>NZTA will inspect your technical equipment.</p>

## Scores

	Score			
	0	1	2	3
	<b>Correct technical decisions</b>			
9.1	<p>You do not thoroughly inspect all modifications or correctly determine if the modifications comply with all legal requirements.</p> <p>The area of non-compliance is <b>likely</b> to compromise the safety of the vehicle occupants or other road users.</p>	<p>You do not thoroughly inspect all modifications or correctly determine if the modifications comply with all legal requirements.</p> <p>The area of non-compliance <b>may</b> compromise the safety of the vehicle occupants or other road users.</p>	<p>You do not thoroughly inspect all modifications or correctly determine if the modifications comply with all legal requirements.</p> <p>The area of non-compliance is <b>unlikely</b> to compromise the safety of the vehicle occupants or other road users.</p>	<p>You thoroughly inspect all modifications and correctly determine if the modifications comply with all legal requirements.</p>
9.2	<b>Technical competence</b>			

		<b>Score</b>			
		<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
You demonstrate	<p>You demonstrate:</p> <ul style="list-style-type: none"> <li>• <b>some competence</b> in the technical aspects relating to <i>Category 4 Electric vehicles</i> modifications, or</li> <li>• a level of competence that <b>may</b> compromise the safety of the vehicle occupants or other road users.</li> </ul> <p>This means there are <b>some gaps</b> in your knowledge of, and skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of <i>Category 4 Electric vehicles</i> modifications, including: <ul style="list-style-type: none"> <li>◦ the identification of any modifications such as non-OE components and systems</li> <li>◦ the identification of the source of any non-OE components and systems</li> <li>◦ the identification and assessment of material types, manufacturing and machining processes</li> </ul> </li> </ul> <p>This means there are <b>sign gaps</b> in your knowledge of, and</p>	<p>You demonstrate:</p> <ul style="list-style-type: none"> <li>• <b>adequate competence</b> in the technical aspects relating to <i>Category 4 Electric vehicles</i> modifications, or</li> <li>• a level of competence that is <b>unlikely</b> to compromise the safety of the vehicle occupants or other road users.</li> </ul> <p>This means there are <b>minor gaps</b> in your knowledge of, and skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of <i>Category 4 Electric vehicles</i> modifications, including: <ul style="list-style-type: none"> <li>◦ the identification of any modifications such as non-OE components and systems</li> <li>◦ the identification of the source of any non-OE components and systems</li> <li>◦ the identification and assessment of material types, manufacturing and machining</li> </ul> </li> </ul>	<p>You demonstrate <b>comprehensive competence</b> in all technical aspects relating to <i>Category 4 Electric vehicles</i> modifications.</p> <p>This means you demonstrate <b>comprehensive knowledge</b> of, and skills in:</p> <ul style="list-style-type: none"> <li>• the assessment of <i>Category 4 Electric vehicles</i> modifications, including: <ul style="list-style-type: none"> <li>◦ the identification of any modifications such as non-OE components and systems</li> <li>◦ the identification of the source of any non-OE components and systems</li> <li>◦ the identification and assessment of material types, manufacturing and machining processes (where applicable)</li> <li>◦ the assessment of the suitability of the</li> </ul> </li> </ul>		

	<b>Score</b>			
	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
	<b>Technical equipment</b>			
<b>9.3</b>	Not all of the specified equipment is available. Where equipment is available, some or all of it is not in working order.	All of the specified equipment is available and in working order, but some or all of it is in poor condition.	All specified equipment is available, in working order, and in at least adequate condition.	All specified equipment is available and in good condition and working order.