

Correct as at 18th May 2026. It may be superseded at any time.

Extract taken from: PRS & QMS > PRS: Low volume vehicle certification > Technical part > 1C Modified production – structures

3 1C Modified production – structures

Requirements

| | What NZTA expects of you | How NZTA will assess your performance |
|------------|---|---|
| | Correct technical decisions | |
| 3.1 | 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">• talk to you• observe you at work• inspect the modifications on vehicles while you are certifying the vehicles, or after you have certified the vehicles• inspect inspection and certification documents you use and complete. |
| 3.2 | Technical competence | |

| | What NZTA expects of you | How NZTA will assess your performance |
|---|---|---------------------------------------|
| <p>You are competent in all technical aspects relating to <i>Category 1C Modified production – structures modifications</i>. This means you are competent in:</p> <ul style="list-style-type: none"> the assessment of <i>Category 1C Modified production – structures modifications</i> including | <p>NZTA will:</p> <ul style="list-style-type: none"> talk to you ask questions to check your competence relating to any of the modifications, and your assessment of the modifications observe you at work inspect inspection and certification documents you use and complete inspect your <i>Training Record</i>. <p>NZTA may administer a short test on <i>Category 1C Modified production – structures modifications</i>, and the assessment of <i>Category 1C Modified production – structures modifications</i>.</p> | |

| | What NZTA expects of you | How NZTA will assess your performance |
|-----|--|--|
| 3.3 | <p>Technical equipment</p> | |
| | <p>You have, or have access to:</p> <ul style="list-style-type: none"> • a graduated lightboard or commercial quality beamsetter • a 35% VLT tint sample or a light transmission measuring device • a stop-watch or other device capable of measuring average deceleration • a jack or other suitable equipment to lift wheels off the ground • an industrial quality hand-held inspection lamp • a steel test bar for steering and suspension • graduated tyre tread depth gauge • a steel ruler and tape measure • an H-point indicator (eg LVVTA h-frame or h-point template) • an inspection mirror • a protractor or other device used to measure angles • head sphere ball • duct or similar adhesive tape • a string-line • a vernier calliper • a selection of hand tools, including those required for anchorage bolt and trim removal, steering wheel and universal joint attachment, as applicable • containers or objects to simulate occupant weight. <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 |
| 3.1 | Correct technical decisions | | | |

| Score | | | |
|---|--|--|--|
| <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 likely to compromise the safety of the vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> • a chassis or sub-frame section has not been welded in accordance with the specified requirements, or the join is not supported by a suitable reinforcement plate, or • a vehicle has undergone a significant body re-structure which is likely to have reduced the rigidity of the vehicle, and although some chassis, sub-frame, or floor reinforcement has been carried out, the vehicle is weaker in bending and torsion than the vehicle was in its original condition, or • a van has undergone a raised roof conversion, and the side-walls and roof section to the rear of the cab have been weakened as a result, and have not | <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 unlikely to compromise the safety of the vehicle occupants or other road users.</p> <p>For example:</p> <ul style="list-style-type: none"> • a chassis or sub-frame section has been correctly joined, but has not had adequate corrosion protection applied, or • a vehicle has undergone a significant body re-structure which is likely to have reduced the rigidity of the vehicle, and although the chassis, sub-frame, or floor has been adequately reinforced, fuel lines or brake pipes have not been re-fastened at the required specified intervals, or • a van has been converted to a camper, and although the conversion results in a structurally sound vehicle, some interior camper equipment is not adequately secured, or • a second-hand steering box has documented | <p>You thoroughly inspect all modifications and correctly determine if the modifications comply with all legal requirements.</p> | |

| | Score |
|-----|-----------------------------|
| 3.2 | Technical competence |

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

| | Score | | | |
|------------|---|---|---|---|
| | Technical equipment | | | |
| 3.3 | 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. |