

**Specification of Competency Standards for the Automotive Industry**  
**Unit of Competency**

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| 1. Title      | Check and mend the metallic panels of vehicle body  |
| 2. Code       | AUSDST222A  |
| 3. Range      | This unit of competency is applicable in vehicle body servicing workshops. Practitioners should be capable to check and mend the metallic panels of vehicle body safely according to the instructions in the vehicle manufacturer's servicing manual. They should also be capable to conduct basic tests of components upon completion of work.   |
| 4. Level      | 2   |
| 5. Credits    | 3(for reference only)   |
| 6. Competency | <p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the properties of metallic panels and tools</p> <ul style="list-style-type: none"> <li>◆ Understand the properties of metallic panels, including the changes under high temperature</li> <li>◆ Understand the tools for repairing metallic panels and the operating method</li> <li>◆ Understand the water-proofing devices, heat insulation devices, sound reduction devices, vibration dampers and anti-rust devices used in vehicle body</li> </ul> <p>6.2 Mend and check the metallic panels of vehicle body</p> <ul style="list-style-type: none"> <li>◆ Dismantle and install the metallic panels of vehicle body or other simple components according to needs to facilitate the repairing of damaged metallic panels</li> <li>◆ Select appropriate tools to mend the concave surface of metallic panels</li> </ul> |

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|                        | <ul style="list-style-type: none"> <li>◆ Use appropriate welding method and procedure to repair metallic panels and ensure that work is carried out in suitable environment and appropriate protective measure is adopted</li> <li>◆ Select appropriate metallic sheet to mend the vehicle body</li> <li>◆ Use the tools correctly for grinding</li> <li>◆ Adopt appropriate working procedure to maintain the functions of the vehicle, such as water-proofing, heat insulation, sound reduction, vibration dampening and anti-rust</li> <li>◆ Conduct inspection and dimensional check of the metallic panels of vehicle body and basic tests of relevant components according to the manufacturer's specification upon completion of work</li> </ul> |
| 7. Assessment Criteria | <p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to select appropriate tools and working procedure to check and mend the metallic panels of vehicle body according to the instructions in the vehicle manufacturer's servicing manual; and</p> <p>(ii) Capable to conduct inspection and dimensional check of the metallic panels of vehicle body and basic tests of relevant components according to manufacturer's specification.</p>  |
| 8. Remarks             | <p>The credits value of this unit of competency is set on the presumption that the people concerned already possess basic knowledge of Oxyacetylene Welding and MIG as well as basic vehicle body structure.</p>  |