Specification of Competency Standards
for the Automotive
Unit of Competency

Functional Area - Vehicle Servicing

Title	Check and mend the metallic panels of vehicle body
Code	111670L2
Range	This unit of competency is applicable in vehicle body servicing workshops. Practitioners should be able 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 able to conduct basic tests on components upon completion of work and providing written report.
Level	2
Credit	3 *(For Reference Only)*
Competency	**Performance Requirements** 1. Knowledge (Properties of metallic panels and tools) • Understand the properties of metallic panels, including the changes under high temperature. • Understand the tools for repairing. metallic panels and the operating method • Understand the water-proofing devices, heat insulation devices, sound reduction devices, vibration dampers and anti-rust devices used in vehicle body. • Understanding of the relevant legal requirements on road and vehicle safety and environment protection. 2. Performance (Mend and check the metallic panels of vehicle body) • Dismantle and install the metallic panels of vehicle body or other simple components according to needs to facilitate the repairing of damaged metallic panels. • Select appropriate tools to mend the concave surface of metallic panels. • 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. • Select appropriate metallic sheet to mend the vehicle body. • Use the tools correctly for grinding. • Adopt appropriate working procedure to maintain the functions of the vehicle, such as water-proofing, heat insulation, sound reduction, vibration dampening and anti-rust. • Conduct inspection and dimensional check of the metallic panels of vehicle body and basic tests on relevant components according to the manufacturer's specification upon completion of work and provide written report focusing on: ◦ Abnormalities ◦ Measured data ◦ Major decisions
Assessment Criteria	The integrated outcome requirements of this unit of competency are that the practitioner being assessed shall prove that he/she is: • Capable of selecting appropriate tools and working procedure to check and mending the metallic panels of vehicle body according to the instructions in the vehicle manufacturer's servicing manual; and

	• Capable of conducting inspection and dimensional check of the metallic panels of vehicle body and basic tests on relevant components according to manufacturer's specification and providing written report.
Remark	The credits value of this unit of competency is set on the presumption that the practitioner concerned has already possessed basic knowledge of Oxyacetylene Welding and MIG/TIG as well as basic vehicle body structure. (This UoC replaced 108661L2)