

Specification of Competency Standards
for the Automotive Industry
Unit of Competency

Functional Area - Vehicle Servicing

Title	Apply basic vehicle body building techniques
Code	108758L2
Range	This unit of competency is applicable in vehicle body building workshops. Practitioners should be able to select suitable parts to build vehicle body according to design drawing and providing written report after the work.
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (Vehicle body building)</p> <ul style="list-style-type: none"> • Understand the content of general vehicle body working drawing, including vehicle body layout, symbols, installation guidelines and the specification of installation and commissioning. • Understand the properties and characteristics of general vehicle body materials, such as metal, wood, plastic, glass fibre, glass and filling materials. • Understand the properties of materials with regard to water-proofing, rust proofing, noise reduction, vibration dampening and heat-insulating. • Understanding of the relevant legal requirements on road and vehicle safety and environment protection. <p>2. Performance (Select the materials and tools required for vehicle body building)</p> <ul style="list-style-type: none"> • In accordance with working instruction set out in the vehicle manufacturer's installation / servicing manuals, select suitable tools, materials, and procedure to assemble vehicle body according to design drawing. • Conduct performance and safety inspection after the work and provide written report focusing on: <ul style="list-style-type: none"> ○ Abnormalities ○ Measured data ○ Major decisions
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are that the practitioner being assessed shall prove that he/she is:</p> <ul style="list-style-type: none"> • Capable of selecting suitable tools and materials correctly to perform vehicle body building duty according to working instructions and design drawing, and providing written report; and • Capable of preparing the required materials correctly for vehicle body building job.
Remark	The credits value of this unit of competency is set on the presumption that the practitioner concerned has already possessed the basic knowledge of tools and materials.