Specification of Competency Standards
for the Automotive
Unit of Competency

Functional Area - Vehicle Servicing

Title	Build the body frame
Code	111678L2
Range	This unit of competency is applicable in vehicle body building workshops. Practitioners should be able to build the body frame in accordance with working instructions and working drawing as well as actual worksite condition and providing written report.
Level	2
Credit	3 *(For Reference Only)*
Competency	**Performance Requirements** 1. Knowledge (Structure of vehicle body) • Understand different methods of connecting vehicle body components. • Understand the structure of original chassis and the body frame to be built. • Understand the procedure for processing original chassis and body frame building. • Understanding of the relevant legal requirements on road and vehicle safety and environment protection. 2. Performance (Build the body frame) • Safely build the body frame according to the content in the working drawing and the requirements of occupational safety and health as well as that of environmental protection, including: ◦ Observe actual worksite condition to ensure that the building procedure is carried out in a proper working environment ◦ Select and use appropriate personal protective equipment and the safety equipment for working at height ◦ Select suitable tools and materials, including the use of fixtures, to perform vehicle body building duty ◦ Align body frame according to specification. • Inspect and measure the workpiece upon completion of work to ensure that the requirements of manufacturing specification are met and provide written report focusing on: ◦ Abnormalities ◦ Measured data ▪ Major decision
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 suitable tools and materials correctly according to the content in the working drawing; • Capable of building the body frame according to working procedure and working instructions; and • Capable of inspecting and measuring the work-piece upon completion of work, providing written report after the work

Remark	The credits value of this unit of competency is set on the presumption that the practitioner concerned has already possessed the knowledge of how to read working drawing, select tools and materials as well as welding techniques. (This UoC replaced 108759L2)