Specification of Competency Standards
for the Automotive
Unit of Competency

Functional Area - Vehicle Servicing

Title	Measure vehicle body/chassis with specialised electronic instruments
Code	111711L3
Range	This unit of competency is applicable in vehicle body servicing workshops. Practitioners should be able to measure vehicle body/chassis and conduct diagnosis on the deformation condition according to the vehicle body servicing manual, equipment user guide and the relevant requirements on environment, occupational safety and health regulations. Providing written report after the work.
Level	3
Credit	3 *(For Reference Only)*

Competency	**Performance Requirements**
	1. Knowledge (Structure of various types of vehicle body and the operating principles of electronic measuring instruments)
	• Understand various types of chassis and the structure of unitary chassis.
	• Understand the operating principle of vehicle body electronic instruments
	  ◦ Data Liner
	  ◦ Car-O Liner.
	• Understand the impact of crushing on the structure of vehicle body.
	2. Performance (Measure vehicle body/chassis with electronic instruments)
	• Calibrate instruments.
	• Measure vehicle body with specialised instruments according to the vehicle body servicing manual, equipment user guide and the relevant requirements on environment, occupational safety and health regulations.
	• Record measurement data and conduct diagnosis on deformation condition.
	• Provide written report focusing on:
	  ◦ Abnormalities
	  ◦ Measure 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 masterly measuring and conducting diagnosis on the deformation of vehicle body structure according to the instructions in the vehicle manufacturer's servicing manual and the relevant requirements on environment, occupational safety and health regulations; and • Capable of recording measurement data 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 vehicle body servicing and measurement. (This UoC replaced 108709L3)