

Specification of Competency Standards
for the Automotive Industry
Unit of Competency

Functional Area - Vehicle Servicing

Title	Measure vehicle body and chassis
Code	108662L2
Range	This unit of competency is applicable in vehicle body servicing workshops. Practitioners should be able to correctly measure the body alignment and comparing that with the manufacturer's specification in the service manual and providing written report after the work.
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (Vehicle body measurement)</p> <ul style="list-style-type: none"> • Know about the methods to diagnose damage and deformation of vehicle body. • Know about various kinds of measuring tools/instruments and the measuring methods for vehicle body. • Understand the vehicle manufacturer's vehicle body measurement map. • Understanding of the relevant legal requirements on road and vehicle safety and environment protection. <p>2. Performance (Carry out the process of vehicle body measurement and chassis deformation inspection)</p> <ul style="list-style-type: none"> • Conduct preparatory work prior to the measurement of vehicle body, including the vehicle and tools/equipment. • Carry out the process of vehicle body measurement and record relevant data according to the instructions provided by the tools/equipment manufacturer. • Compare the measurement data with the specification to identify the deformation of vehicle. • 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 accurately conducting vehicle body measurement according to the instructions in the vehicle/equipment manufacturer's servicing manual; and • Capable of identifying the deformation condition of the vehicle 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.