Specification of Competency Standards
for the Automotive
Unit of Competency

Functional Area - Vehicle Servicing

Title	Master the application of tools and equipment for vehicle servicing
Code	111674L2
Range	This unit of competency is applicable in vehicle service workshops. Practitioners should be able to apply tools and equipment for vehicle servicing tasks safely and correctly according to the instructions in the vehicle manufacturer's service manual or the user guide provided by the producer of tools and equipment.
Level	2
Credit	3 *(For Reference Only)*
Competency	**Performance Requirements** 1. Knowledge (Tools and equipment for vehicle servicing) • Understand the structure and operating principles of the tools and equipment for vehicle servicing. • Master the function and application of the tools and equipment, including the care procedures. • Understand the instructions in the vehicle manufacturer's servicing manual as well as the producer's user guide of special tools and equipment for vehicle servicing. 2. Performance (Apply tools and equipment for vehicle servicing) • Apply tools and equipment for vehicle servicing, including the examination and rectification of various vehicle systems and components, according to the instructions in the vehicle manufacturer's service manual or the user guide of the tools and equipment for vehicle servicing tasks, such as: ◦ General mechanic and electrician hand tools ◦ Pneumatically and electrically powered tools ◦ Precision electrical and mechanical measuring equipment ◦ Various kinds of engine management system analysers and hand-held testers ◦ Exhaust emission testers, including gas analysers and opacimeters ◦ Chassis power testers and roller brake testers ◦ Various kinds of vehicle system hydraulic testing instruments ◦ Vehicle lifting and supporting gears ◦ Other related tools and equipment • Use of the special tools and equipment provided by vehicle manufacturers. • Employ suitable tools and equipment according to relevant requirements on environmental protection, occupational safety and health regulations. • Carry out the general maintenance procedures for the tools and equipment.
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 and applying appropriate tools and equipment for vehicle servicing tasks according to the instructions in the vehicle manufacturer's service manual or the user guide provided by the producer of tools and equipment; • Capable of examining and repairing various vehicle systems and components according to the instructions on how to use the tools and equipment for vehicle servicing tasks correctly; and

	• Capable of conducting the general maintenance procedures for keeping the normal working condition of the tools and equipment.
Remark	The credit value of this unit of competency is set on the presumption that the practitioner concerned has already possessed general knowledge of vehicle servicing. The major legislation/code involved in this unit of competency is as follows: • Road Traffic (Construction and Maintenance of vehicles) Regulations • Factories and Industrial Undertakings Regulations • Occupational Safety and Health Regulation (This UoC replaced 108634L1 and 108645L2)