Specification of Competency Standards
for the Automotive
Unit of Competency

Functional Area - Vehicle Servicing

Title	Vehicle safety inspection for regulatory compliance
Code	111695L2
Range	This unit of competency is applicable in vehicle service workshops or vehicle inspection places. Practitioners should be able to inspect vehicles and identify defects which do not comply with regulations according to the relevant legislative provisions under the Road Traffic Ordinance of Hong Kong or the instructions in the vehicle manufacturer's servicing manual, and provide written report after the work.
Level	2
Credit	6 *(For Reference Only)*
Competency	**Performance Requirements** 1. Knowledge (Defects on the vehicle that do not comply with regulations) • Master the legislation and regulatory provisions under the Road Traffic Ordinance of Hong Kong in relation to vehicle inspection. • Master the legislation and regulatory provisions under the Road Traffic Ordinance, the associated guidelines and statutory requirements in relation to the procedure of vehicle inspection. • Understand the instructions in the vehicle manufacturer's service manual in relation to the procedure of vehicle system inspection. 2. Performance (Inspect vehicle for regulatory compliance) • According to the legislation and regulatory provisions under the Road Traffic Ordinance and the associated guidelines in relation to vehicle inspection, the instructions in the vehicle manufacturer's service manual and the requirements of occupational safety and health as well as that of environmental protection, safely inspect the vehicle and identify defects that do not comply with regulations, such as defects in: ◦ Engine and mechanical components, including fuel system and exhaust emission control ◦ Under-chassis systems including steering, brakes and suspension ◦ Wheel and tyre ◦ Transmission systems ◦ Electrical systems such as lighting, warning and wiper ◦ Chassis and body, including windscreen, window glass, in-cab fittings, interior driving controls and restraint system ◦ External energy charging inlet, high-voltage cables and associated components (for electrified vehicles) ◦ Fuel cell unit and associated components (for fuel cell electric vehicles) ◦ Pressure vessel and associated hose/pipe of fuel, including but not limited to hydrogen and liquefied petroleum gas (not applicable to motorcycles) ◦ Other related systems/components • Provide written report with measuring data support upon the completion of examination.

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 inspecting vehicles and identifying defects which do not comply with regulations by visual inspection and the measuring result of designated testing equipment and instruments; and • Capable of providing a written vehicle examination report according to the legislative provisions under the Road Traffic Ordinance or the instructions in the vehicle manufacturer's service manual.
Remark	The credit value of this unit of competency is set on the presumption that the practitioner concerned has already possessed comprehensive knowledge of vehicle servicing and inspection. (This UoC replaced 108671L2)