Specification of Competency Standards
for the Automotive
Unit of Competency

Functional Area - Vehicle Servicing

Title	Examine the roadworthiness of vehicle with specific equipment
Code	111707L3
Range	This unit of competency is applicable in vehicle service workshops and designated vehicle examination workplaces under legislative provision. Practitioners should be able to inspect vehicle systems and components according to the instructions in vehicle manufacturer's service manual and the stipulated instructions to satisfy the relevant regulations on roadworthiness of vehicles using specific equipment according to relevant user guide. Provide written report for abnormalities after the work.
Level	3
Credit	3 *(For Reference Only)*
Competency	**Performance Requirements** 1. Knowledge (Standard of vehicle examination and application of equipment) • Master the legislative provisions under the Road Traffic Ordinance of Hong Kong in relation to vehicle inspection to determine if the structure and components can meet statutory requirements. • Master the procedure for issuing documents in relation to the vehicle examination and the responsibilities involved. • Understand the structure and basic operating principles of specific equipment for vehicle inspection. • Master the application of the specific equipment, including but not limited to roller brake tester, load simulator, sideslip tester, headlamp aim aligner, emission tester, and opacimeter. • Understanding of the relevant legal requirements on road and vehicle safety and environmental protection. 2. Performance (Carry out vehicle examination and related duties) • Perform vehicle examination according to relevant regulations/instructions on vehicle inspection, such as: ◦ Conduct the vehicle examination visually as well as using specific equipment to evaluate if the vehicle components can meet statutory requirements and roadworthiness ◦ Issue and record documents in relation to vehicle inspection, such as certificate of roadworthiness ◦ Report cases of severe deficiency and vehicles that cannot meet the specification. • According to the instructions in vehicle manufacturer's service manual or the user guide provided by the manufacturer of specific equipment for inspection, the requirements of occupational safety and health as well as that of environmental protection, safely apply the specific equipment for inspecting the vehicle systems and components, including but not limited to engine and mechanical components, exhaust emission, brakes, suspension, steering, electrical systems, tires, chassis, and body. • Conduct simple maintenance for testing equipment. • Report faulty testing equipment and improper conditions. • Update vehicle examination standard/specification according to the latest regulations/instructions. • Provide written report for abnormalities after the work.

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 applying the specific equipment for the examination safely and correctly to identify the roadworthiness of various vehicle systems and components according to the instructions in vehicle manufacturer's service manual or the user guide of the respective equipment manufacturer; • Capable of conducting vehicle examination according to the instructions and standards stipulated in relevant regulations; and • Capable of issuing documents in relation to vehicle examination according to relevant regulations and providing written report after the work.
Remark	The credit value of this unit of competency is set on the presumption that the practitioner concerned already possesses extensive knowledge of vehicle servicing. The major legislation/rules involved in this unit of competency are as follows: • Road Traffic (Construction and Maintenance of Vehicles) Regulations • Occupational Safety and Health Ordinance • Environmental Protection Ordinance • (This UoC replaced 108714L3)