Specification of Competency Standards
for the Automotive
Unit of Competency

Functional Area - Vehicle Servicing

Title	Set up and maintain vehicle service workshops for various vehicle types
Code	111770L5
Range	This unit of competency is applicable to vehicle service workshops for various vehicle types, including but not limited to all electrified vehicles, liquefied petroleum gas (LPG) vehicles, diesel and gasoline vehicles. Practitioners should be able to understand the operation of various vehicle servicing work, design the workplaces and associated setups, and formulate management procedures for the workshop regarding the actual organisational situation to ensure the service workshop is under effective and safe operation and in compliance with statutory requirements.
Level	5
Credit	6 *(For Reference Only)*
Competency	**Performance Requirements** 1. Knowledge (Operation of various kinds of servicing workshops and associated regulations) • Master the daily operation, potential risks, specific functions and equipment setup of various servicing workshops. • Comprehend the provisions of respective regulations applicable to servicing workshops, such as fire services, industrial undertakings, occupational safety and health, environmental protection, gas safety, etc. 2. Performance (Develop and manage the vehicle service workshops) • Apply the gas safety, environmental, occupational safety and health requirements under the legislative requirements for different kinds and sizes of vehicle servicing workshops, such as lighting, mechanical ventilation (especially for LPG and hydrogen-fuelled vehicles), noise control, limited or non-combustible wall and door surfaces (especially for LPG and hydrogen fuelled vehicles), fire prevention and alarming, electricity supply, floor loading capacity and height clearance, drainage provisions, combustible/exhaust gas extraction, etc. • Define the workshop setup for the specific workshop to ensure smooth traffic flow, work safety, environmental protection operation and maximum productivity. • Develop different kinds of vehicle service workshops and associated equipment setup, such as automated external defibrillators, combustible gas detection and alarming, etc., in accordance with the legislation and requirements in fire services, industrial undertakings, occupational safety and health, environmental protection, gas safety, etc., for meeting emergency and specific service operational needs, such as work bay areas, walkways, traffic lanes, access control, entry and exit, etc. • Based on the established requirements with reference to the attributes of the organisation, formulate the management procedures with associate documentations for specific workshops, such as inspection frequency, acceptance standard, maintenance plan for ensuring the setup and equipment meet the respective statutory regulations, utilisation, safety, the resources for meeting operational needs, etc.
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 requirements in gas safety, occupational safety and health, environmental standards and the facilities requirements in various kinds of vehicle service workshops for the establishment of workplace development, equipment setup, fire service equipment, emergency rescue and evacuation; and • Capable of formulating management procedures, including emergency response plans, incident reporting and investigation, record systems, and maintenance and service plans for the workshop regarding the actual organisational situation and operational needs to optimise the planning and setting of the workshop for ensuring effective and safe operation and in compliance with statutory requirements.
Remark	The credit value of this unit of competency is established on the presumption that the practitioner being assessed possesses a good understanding of the vehicle servicing work, workshop design, setup and management and is familiar with relevant requirements on environmental protection, gas safety, and occupational safety and health. The respective legislations/rules involved in this unit of competency are as follows: • Dangerous Goods Ordinance • Gas Safety Ordinance • Occupational Safety and Health Ordinance and related Code of Practice • Environmental Protection Ordinance and related Code of Practice • Factories and Industrial Undertakings Ordinance