

Specification of Competency Standards
for the Automotive Industry
Unit of Competency

Functional Area - Vehicle Servicing

Title	Test drive and report the condition of vehicles
Code	108701L3
Range	This unit of competency is applicable in vehicle servicing. Practitioners should be able to test drive the vehicles on chassis dynamometer or on road according to organisational policy, the instructions in the vehicle manufacturer's manual and relevant road traffic regulations masterly, so as to check the vehicle, conduct fault diagnosis or confirm completion of rectification work. Providing written report after the work.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (Procedural guidelines and relevant regulations on vehicle testing)</p> <ul style="list-style-type: none"> • Good understanding of the organisational policy on vehicle testing. • Good understanding of vehicle manufacturer's guidelines on vehicle testing procedure. • Good understanding of relevant equipment and instruments for vehicle testing. • Good understanding of the road traffic regulations, including road test and the use of T-plate. <p>2. Performance (Process vehicle testing)</p> <ul style="list-style-type: none"> • With reference to organisational policy on vehicle testing and vehicle manufacturer's guidelines on vehicle testing procedure, test various vehicle systems by visual inspection and instruments, including: <ul style="list-style-type: none"> ○ Conduct the test by the use of equipment and instruments – use chassis dynamometer to simulate different road conditions ○ Conduct road test in compliance with road traffic safety instructions • Detect potential deficiency in vehicles. • Conduct fault diagnosis on vehicles. • Provide suggestions on repair items. • Confirm rectification after repair job is done. • Check vehicle component defect by visual inspection. • Issue document to confirm rectification of fault. • Complete report on outstanding defect of the vehicle with repairing suggestions included. • Complete the vehicle condition report and provide written report after the work. • Determine that the vehicle systems and components as well as the vehicle tests can meet the requirements of relevant road traffic regulations. • Be familiar with relevant procedure and regulations on the use of T-plate.
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 conducting accurately vehicle testing and check, fault diagnosis and confirming completion of rectification work according to the instructions in the vehicle manufacturer's manual and relevant road traffic regulations; • Capable of providing accurate and suitable suggestions on repair items and providing written report; and • Capable of ascertaining that the vehicle systems and components can meet the requirements of relevant road traffic ordinance/ regulations.

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Remark	<p>The credits value of this unit of competency is set on the presumption that the practitioner concerned has already possessed the capability to conduct fault diagnosis on various vehicle systems and possess driving licence for the vehicle types involved.</p> <p>The major legislations/rules involved in this unit of competency are as follows:</p> <ul style="list-style-type: none">• Road Traffic (Registration and Licensing of Vehicles) Regulations- Limitations of use of trade licence, display of trade plates and licence, Register of journeys under trade licence and Trade licence not transferable• Road Traffic (Construction and Maintenance of Vehicles) Regulations
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