

Specification of Competency Standards for the Automotive Industry
Unit of Competency

1. Title	Use specialised instruments and equipment for vehicle inspection
2. Code	AUSDST231A
3. Range	This unit of competency is applicable in vehicle servicing workshops or vehicle inspection places. Practitioners should be capable to use specialised instruments and equipment for vehicle inspection to check and repair various vehicle systems and components according to the relevant legislative provisions under the Road Traffic Ordinance of Hong Kong, the instructions in vehicle manufacturer's servicing manual or the user guide provided by the manufacturer of specialised instruments and equipment for vehicle inspection.
4. Level	2
5. Credits	6(for reference only)
6. Competency	<p style="text-align: right;"><u>Performance Requirements</u></p> <p>6.1 Specialised instruments and equipment for vehicle inspection</p> <ul style="list-style-type: none"> ◆ Understand the structure, use and basic operating principles of specialised instruments and equipment for vehicle inspection ◆ Understand the legislative provisions under the Road Traffic Ordinance of Hong Kong in relation to vehicle inspection ◆ Understand the instructions in vehicle manufacturer's servicing manual or the user guide provided by the manufacturer of specialised instruments and equipment for vehicle inspection

	<p>6.2 Use specialised instruments and equipment for vehicle inspection</p> <p>◆ According to the instructions in vehicle manufacturer's servicing manual or the user guide provided by the manufacturer of specialised instruments and equipment for vehicle inspection, the requirements of occupational safety and health as well as that of environmental protection, safely use specialised instruments and equipment for vehicle inspection to check various vehicle systems and components, such as:</p> <ul style="list-style-type: none"> • Specialised instruments and equipment for various types of engine and mechanical components • Specialised instruments and equipment for various types of fuel supply systems • Specialised instruments and equipment for various types of engine management systems • Specialised instruments and equipment for various types of vehicle braking systems • Specialised instruments and equipment for vehicle steering systems • Specialised instruments and equipment for vehicle suspension systems • Specialised instruments and equipment for vehicle transmission systems • Specialised instruments and equipment for electric systems • Specialised instruments and equipment for other related systems
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	<p>6.3 Professional practice in using specialised instruments and equipment for vehicle inspection</p> <p>◆ The people empowered by legislation should use specialised instruments and equipment for vehicle inspection according to the legislative provisions under the Road Traffic Ordinance of Hong Kong in relation to vehicle inspection; and release the inspection data and report of respective vehicles</p>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to use testing instruments and equipment for vehicle inspection correctly to check various vehicle systems and components according to the instructions in vehicle manufacturer's servicing manual or the user guide provided by the manufacturer of specialised instruments and equipment for vehicle inspection; and</p> <p>(ii) Capable to inspect vehicles according to the legislative provisions under the Road Traffic Ordinance of Hong Kong in relation to the vehicle inspection; and accurately release the inspection data and report of respective vehicles.</p>
8. Remarks	<p>The credits value of this unit of competency is set on the presumption that the people concerned already possess the basic knowledge of vehicle mechanic servicing.</p>