

**Specification of Competency Standards for the Automotive Industry**  
**Unit of Competency**

1. Title	Check and repair various types of diesel oil fuel supply systems
2. Code	AUSDST206A
3. Range	This unit of competency is applicable in vehicle servicing workshops. Practitioners should be capable to check and repair various types of diesel oil gas fuel supply systems safely according to the instructions in the vehicle manufacturer's servicing manual. They should also be capable to conduct basic tests of components upon completion of work.
4. Level	2
5. Credits	3(for reference only)
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the structure and basic operating principles of various types of diesel oil fuel supply systems</p> <ul style="list-style-type: none"> <li>◆ Understand the characteristics of diesel oil</li> <li>◆ Understand the structure and basic operating principles of various types of diesel oil fuel supply systems</li> <li>◆ Understand the working procedure of checking and repairing various types of diesel oil fuel supply systems</li> <li>◆ Understand the safety rules on the test of injection nozzle</li> <li>◆ Understand the impact of diesel oil fuel supply systems on exhaust emission</li> </ul> <p>6.2 Check and repair various types of diesel oil fuel supply systems</p> <ul style="list-style-type: none"> <li>◆ According to the instructions in the vehicle manufacturer's manual; relevant road traffic ordinances of Hong Kong; the requirements of occupational safety and health and that of environmental protection, safely check, repair and replace various types of diesel oil fuel supply systems, including:</li> </ul>

	<ul style="list-style-type: none"> <li>• Capable to identify the general problems of various types of diesel oil fuel supply systems by visual inspection</li> <li>• Capable to operate special testing devices to test various types of diesel oil fuel supply systems and components</li> <li>• Check and repair various types of diesel oil fuel supply systems, including dismantle, replace and re-assemble vehicle system components</li> <li>• Eliminate typical system failure</li> <li>◆ Capable to conduct basic tests of components upon completion of work</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to comply with the instructions in the vehicle manufacturer’s manual, relevant road traffic ordinances of Hong Kong, the requirements of occupational safety and health as well as that of environmental protection to safely check and repair various types of diesel oil fuel supply systems of general vehicles, including operating special testing devices to conduct basic tests of components and systems.</p>
8. Remarks	<p>(i) The credits value of this unit of competency is set on the presumption that the people concerned already possess basic knowledge of vehicle mechanical servicing and know how to handle diesel oil chemicals.</p>