

1. Title	Service protection and indicator of diesel engines
2. Code	EMCUMA204A
3. Range	Use common servicing and inspection instruments and tools to repair, maintain and set protection and indicator of diesel engines at servicing workshops or locations with diesel engines according to servicing instructions and standards.
4. Level	2
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Working principles of protection and indicator of diesel engines</p> <ul style="list-style-type: none"> <li>◆ Understand the uses and working principles of various types of protection and indicator of diesel engines, including: <ul style="list-style-type: none"> <li>• Engine speed indication and protection device</li> <li>• Engine temperature indication and protection device</li> <li>• Engine lubrication system protection device</li> <li>• Fuel filter system protection device</li> </ul> </li> </ul> <p>6.2 Methods and procedures of servicing protection and indicator of diesel engines</p> <ul style="list-style-type: none"> <li>◆ Capable to service protection and indicator of diesel engines effectively, including checking, cleaning, measurement, maintenance and commissioning, according to servicing instructions and standards</li> <li>◆ Capable to test and set various types of protection and indicator of diesel engines according to standards</li> <li>◆ Capable to use common servicing and inspection instruments and tools effectively</li> </ul> <p>6.3 Professionalism in repairing and maintaining protection and indicator of diesel engines</p> <ul style="list-style-type: none"> <li>◆ Capable to perform general repair and maintenance of protection and indicator of diesel engines according to servicing instructions and standards</li> <li>◆ Understand the code of practice when performing repair and maintenance of protection and indicator of diesel engines</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to check and maintain the core protection and indicator of diesel engines effectively and correctly according to servicing standards; and</p> <p>(ii) Capable to commission and set various protection and indicator effectively.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of servicing electrical and mechanical equipment.