

1. Title	Understand the construction and working principles of general household appliance products, and perform inspection, testing and commissioning
2. Code	EMELIT101A
3. Range	Applicable to routine inspection, commissioning, testing, measurement and repair of general household appliance products. Understand the construction and working principles of general household appliance products, and use common instruments to perform inspection, testing and commissioning.
4. Level	1
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Construction and working principles of general household appliance products</p> <ul style="list-style-type: none"> <li>◆ Understand the construction of general household appliance products and the uses and properties of their components such as components that give out light, heat, and sound and rotating parts</li> <li>◆ Understand the working principles and operation of general household appliance products such as components that give out light, heat, and sound and rotating parts</li> <li>◆ Understand the basic working principles of general multi-meters</li> <li>◆ Understand the basic working principles of insulation resistance tester</li> </ul> <p>6.2 Use general instruments to perform routine inspection, testing and measurement on general household appliance products</p> <ul style="list-style-type: none"> <li>◆ Correctly use the multi-meter to perform routine inspection, testing and measurement on general household appliance products including their current, voltage and resistance</li> <li>◆ Correctly use the megohmmeter to measure the insulation resistance of general household appliance products</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to understand the construction, working principles, and the methods of inspecting, testing and commissioning general household appliance products; and</p> <p>(ii) Capable to use the multi-meter and insulation resistance tester to measure, inspect, test and commission general household appliance products.</p>
8. Remarks	