

1. Title	Basic electricity tests relevant to plumbing installations
2. Code	EMPDIT201A
3. Range	Capable to use various types of meters, tools and equipment to assist in conducting simple circuit tests in routine working conditions.
4. Level	2
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Select testing tools and equipment</p> <ul style="list-style-type: none"> <li>◆ Know about the operating procedures and applications of equipment relevant to plumbing installations</li> <li>◆ Select tools, meters and equipment for basic electricity tests relevant to plumbing installations under instruction</li> </ul> <p>6.2 Test simple circuits</p> <ul style="list-style-type: none"> <li>◆ Use such tools, meters and equipment to assist in conducting basic electricity tests relevant to plumbing installations</li> <li>◆ Record the testing data</li> </ul> <p>6.3 Handle circuit tests</p> <ul style="list-style-type: none"> <li>◆ Assist in conducting circuit tests according to the Electricity Ordinance and the code of practice of the Electricity (Wiring) Regulations</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to apply the testing techniques correctly and systematically to assist in conducting simple inspection and testing of circuits; and</p> <p>(ii) Capable to record the testing points and testing values correctly.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic mathematical knowledge.