

1. Title	Perform electricity tests relevant to plumbing installations
2. Code	EMPDIT301A
3. Range	Apply the knowledge of three-phase circuits and motors to assist in performing test on plumbing electrical installations.
4. Level	3
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand procedures for selecting three-phase circuit testing tools and equipment</p> <ul style="list-style-type: none"> ◆ Know how to select tools, meters and equipment for single-phase and three-phase testing ◆ Know about the operating procedures and applications of the various equipment <p>6.2 Perform circuit test</p> <ul style="list-style-type: none"> ◆ Use such tools, meters and equipment to test single-phase and three-phase circuits ◆ Assess the reliability and accuracy of the testing data ◆ Perform single-phase and three-phase circuit tests according to the Electricity Ordinance and the code of practice of the Electricity (Wiring) Regulations
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 check and test circuits; and</p> <p>(ii) Capable to record the testing points and testing values correctly, and assess the reliability and accuracy of data.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic mathematical and electrical knowledge.