

1. Title	Inspect general electrical installation and fitting
2. Code	EMELIT201A
3. Range	Applicable to general electrical installation and fitting. Carry out general inspection on electrical equipment after installation and fitting according to relevant codes of practice or contract requirements.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand relevant codes of practice or contract requirements on inspection specifications, and general electrical installation and fitting tools and instruments</p> <ul style="list-style-type: none"> ◆ Understand relevant codes of practice or contract requirements on inspection specifications including: leveling, alignment, tightness, smoothness, etc. ◆ Understand various types of testing instruments for electrical fitting such as clamp meter, insulation resistance tester, digital and pointer-type multi-meter ◆ Understand various types of testing tools for electrical installation and fitting such as feeler gauge, speed meter, level, callipers and torque wrench <p>6.2 Carry out general electrical installation and fitting inspection</p> <ul style="list-style-type: none"> ◆ Use various types of testing instruments to inspect electrical installation and fitting performance ◆ Master the actual situation and constraints of the worksite and their effects on the electrical installation and fitting ◆ Master general electrical installation and fitting operation failure and carry out electrical installation and fitting inspection to find out the causes
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to understand the methods of using general electrical fitting tools and instruments; and (ii) Capable to carry out general electrical installation and fitting inspection.
8. Remarks	