

1. Title	Inspect, test and commission extra-low voltage installations
2. Code	EMELIT402A
3. Range	Master client's requirements, including contract specifications, drawings, project schedules, etc. and implement inspection, testing and commissioning for various kinds of extra-low voltage installations of buildings.
4. Level	4
5. Credit	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand client's requirements on inspection, testing and commissioning</p> <ul style="list-style-type: none"> ◆ Understand client's requirements and issues on inspection, testing and commissioning according to the terms of various kinds of tender specifications or quotations, contract specifications, drawings, project schedules, etc. <p>6.2 Inspect, test, commission, and analyze various kinds of extra-low voltage installations of buildings</p> <ul style="list-style-type: none"> ◆ Use appropriate instruments, tools and techniques to perform inspection, testing and commissioning for various kinds of extra-low voltage installations of buildings ◆ Analyze the inspection, testing and commissioning results of extra-low voltage installations of buildings according to the standards and codes of practice for extra-low voltage installations of buildings, judge the functional performance of the installations and decide on follow-up actions <p>6.3 Professionalism in inspecting, testing and commissioning extra-low voltage installations</p> <ul style="list-style-type: none"> ◆ Follow the regulations and safety guidelines for the industry to ensure that inspection, testing and commissioning of extra-low voltage installations are performed safely, and the extra-low voltage installations can be used safely
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master the terms of various kinds of tender specifications or quotations, contract specifications, drawings, project schedules, etc.;</p> <p>(ii) Capable to use appropriate instruments, tools and techniques to perform inspection, testing and commissioning for various kinds of extra-low voltage installations of buildings; and</p> <p>(iii) Capable to analyze the inspection, testing and commissioning results of various kinds of extra-low voltage installations of buildings, judge the functional performance of the installations and decide on follow-up actions.</p>
8. Remarks	