

1. Title	Lead and supervise the inspection, testing and commissioning project
2. Code	EMELIT602A
3. Range	Applicable to the inspection, testing and commissioning of electrical works. Master the inspection, testing and commissioning project requirements, formulate project schedules, and lead and supervise the inspection, testing and commissioning for the whole project of large-scale power supply system.
4. Level	6
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand key points and processes of large-scale power supply system inspection, testing and commissioning</p> <ul style="list-style-type: none"> <li>◆ Understand the key points, implementation skills and supervision process of large-scale power supply system inspection, testing and commissioning</li> </ul> <p>6.2 Lead the inspection, testing and commissioning for large-scale engineering project to achieve the performance indicators designed for the system</p> <ul style="list-style-type: none"> <li>◆ Lead the inspection, testing and commissioning of large-scale electrical installations, including organizing inspection, testing and commissioning management teams, formulating project schedule, formulating inspection, testing and commissioning management plan, formulating commissioning monitoring system, commissioning guidelines and failure follow-up mechanism, etc.</li> <li>◆ Master inspection, testing and commissioning management of large-scale projects; facilitate, coordinate and supervise the inspection, testing and commissioning of every engineering item of the large-scale project according to project schedule to achieve the performance indicators designed for the system</li> </ul> <p>6.3 Professionalism in inspecting, testing and commissioning large-scale power supply systems</p> <ul style="list-style-type: none"> <li>◆ Follow strict legal and professional requirements to implement inspection, testing and commissioning of large-scale power network and associated installations to achieve the effectiveness and safe performance indicators designed</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to lead the inspection, testing and commissioning management for large-scale power supply installations project; and</p> <p>(ii) Capable to facilitate, coordinate and supervise inspection, testing and commissioning of large-scale power supply installations project in order to achieve the effectiveness and safe performance indicators designed.</p>
8. Remarks	