

1. Title	Inspect, test and commission large-scale power network
2. Code	EMELIT601A
3. Range	Applicable to the inspection, testing and commissioning of large-scale power network projects. Master all the terms and conditions in client's tender specifications, drawings, etc., and implement management of the inspection, testing and commissioning project of large-scale power network.
4. Level	6
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand all the client's requirements</p> <ul style="list-style-type: none"> ◆ Analyze, consolidate and judge client's requirements for large-scale power network design, inspection, testing and commissioning in order to master all the terms and conditions in tender specifications <p>6.2 Implement inspection, testing and commissioning of large-scale power network and associated installations</p> <ul style="list-style-type: none"> ◆ Implement inspection, testing and commissioning of large-scale power network and installations, formulate inspection, testing and commissioning plan including manpower organizational chart, specifications and criteria for inspection, testing and commissioning, project schedules, protection schematic diagrams, the design project data and information filing management, etc. to achieve the greatest design cost-effectiveness <p>6.3 Professionalism in inspecting, testing and commissioning large-scale power network</p> <ul style="list-style-type: none"> ◆ Ensure that the inspection, testing and commissioning project of large-scale power network and installations is safe and reliable to use ◆ Follow the strict legal and professional requirements to implement inspection, testing and commissioning for large-scale power network and installations in order to achieve the effectiveness and safety performance indicators designed
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to master all the contract requirements for large-scale power network; and (ii) Capable to implement inspection, testing and commissioning management for the project of large-scale power network and installations.
8. Remarks	