

1. Title	Implement design project of large-scale power network
2. Code	EMELDE602A
3. Range	Applicable to the design management of large-scale electrical projects. Master all the terms and conditions in client's tender specifications, contract specifications, drawings, etc., and implement management of the design project of large-scale power network.
4. Level	6
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand all the requirements of client's tender specifications</p> <ul style="list-style-type: none"> <li>◆ Understand and master all the terms and conditions in tender specifications or contract specifications</li> <li>◆ Critically analyze, consolidate and judge client's requirements for large-scale power network design, installation, testing, commissioning, quality management, etc.</li> </ul> <p>6.2 Implement management of the design project of large-scale power network and associated installations</p> <ul style="list-style-type: none"> <li>◆ Implement design project management for large-scale power network and associated installations, formulate design management plan including manpower organizational chart, design specifications, project schedules, power network schematic diagrams, protection system schematic diagrams, the design project data and information filing management, etc. to achieve the greatest design cost-effectiveness</li> <li>◆ Use assessment skills such as systems thinking problem analysis and decision-making techniques, skills to analyze potential problems, etc. to investigate the design project implemented</li> </ul> <p>6.3 Professionalism in implementing large-scale power network design project</p> <ul style="list-style-type: none"> <li>◆ Use highly specialized technical skills to ensure that the design project of large-scale power network and associated installations is safe and reliable to use</li> <li>◆ Follow the strict legal and professional requirements to improve the effectiveness and safety performance of the existing design project of the large-scale power network and associated installations</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to critically analyze, consolidate and judge client's requirements for large-scale power network; and</p> <p>(ii) Capable to implement management of the design project of large-scale power network and associated installations.</p>
8. Remarks	