

1. Title	Apply specialized electrical principles for quality management
2. Code	EMELQM401A
3. Range	Apply specialized electrical principles for to quality management of high voltage transmission network systems.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand specialized electrical principles related to high voltage transmission network systems</p> <ul style="list-style-type: none"> <li>◆ Understand specialized electrical principles and design requirements related to high voltage transmission network systems such as the arrangement and protection design principles for high voltage transmission power supply systems</li> </ul> <p>6.2 Apply specialized electrical principles to quality management of work processes of high voltage transmission network project</p> <ul style="list-style-type: none"> <li>◆ Assess the quality assurance performance of high voltage transmission network projects</li> <li>◆ Apply specialized electrical principles y to quality management of work processes of high voltage transmission network project to reduce electrical work quality problems</li> <li>◆ Apply advanced quality management skills such as: ISO 9000 quality management and Quality Assurance Series standards, BS ISO 10006 quality management system , etc. to electrical installation projects to enhance quality management performance</li> <li>◆ Analyze the details and impact of electrical works quality problems, report to parties concerned and find solutions</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to assess the quality assurance performance of high voltage transmission network projects ; and</p> <p>(ii) Capable to analyze the details and impact of electrical works quality problems.</p>
8. Remarks	