

1. Title	Implement quality control and quality assurance
2. Code	EMCUQM303A
3. Range	Implement quality control and quality assurance according to engineering procedures for electrical and mechanical services to achieve high quality engineering performance.
4. Level	3
5. Credits	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Engineering procedures and quality control points of electrical and mechanical services</p> <ul style="list-style-type: none"> <li>◆ Understand the engineering procedures for electrical and mechanical services</li> <li>◆ Understand quality monitoring points of each engineering procedure, including the electrical and mechanical installation procedure, inspection procedure, debugging procedure, commissioning procedure and servicing procedure</li> <li>◆ Understand the quality control system of the organization and ensure that the service quality meet the requirements, including: <ul style="list-style-type: none"> <li>• Ensuring that the engineering procedures meet the quality requirements and performance indicators</li> <li>• Confirming and rectifying procedures not complying with regulations</li> <li>• Organize teams to formulate quality improvement plans</li> </ul> </li> </ul> <p>6.2 Implement quality control and quality assurance</p> <ul style="list-style-type: none"> <li>◆ Follow the quality management scheme, quality assurance procedures and verification specifications to implement quality assurance</li> <li>◆ Strictly examine the major monitoring points of each engineering procedure to ensure the quality performance of procedures</li> <li>◆ Record various engineering quality problems and report to the management through the communication mechanism</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to implement quality control and quality assurance system, master the verification specifications and examine the major monitoring points of each engineering procedure to ensure the quality performance.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of quality management.