1. Title	Implement quality management in electrical and mechanical engineering services
2. Code	EMCUQM402A
3. Range	Plan, organize and control effectively the working procedures prior to and during the project so as to achieve the result of minimal cost and high quality for electrical and mechanical project.
4. Level	4
5. Credit	6
6. Competency	Performance Requirements

<table>
<tr>
<td rowspan="2">6. Competency</td>
<td colspan="3" align="center">Performance Requirements</td>
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<tr>
<td>6.1</td>
<td>Division of procedure for electrical and mechanical installation project</td>
<td>♦ Understand and analyze the division of process for electrical and mechanical installation project; set the following for quality control before the project starts:
• Check points for different stages of the project
• Quality management goals such as completion dates for different stages of the project, alert level for the number of items not conforming to the plan, accident rate, productivity, etc.</td>
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<td></td>
<td>6.2</td>
<td>Implement the quality management plan and organized working procedure of the quality control system effectively</td>
<td>♦ Confirm and analyze items not conforming to the rules at different stages of the project, and formulate improvement plans with working teams concerned
♦ Performance indicators for different stages of the project should be set with reference to level of performance specified by the contract, code of practice, and international standards, etc.
♦ Formulate quality management plan, including the following, to control procedure costs and quality in an organized and effective way:
• Division of procedure for the project
• Check points of 'planning-implementation -commissioning-rectification' for quality management at different stages of the project
• Performance indicators at different stages of the project
• Ways to handle items not conforming to the rules
• Quality management goals
• Mechanism to communicate with relevant teams and formulation of timetables for improvement plans, etc.</td>
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<tr>
<td>7. Assessment Criteria</td>
<td colspan="3">The integrated outcome requirement of this unit of competency is:
(i) Capable to formulate quality management plans effectively, monitor project quality, control costs and improve process not conforming to the rules.</td>
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<td>8. Remarks</td>
<td colspan="3">The credit value of this unit of competency is set on the presumption that the person already possesses basic concept of quality management.</td>
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