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| 1. Title | Select and use advanced and specialized skills to support engineering management for operation, repair and maintenance of electrical installations |
| 2. Code | EMELOR506A |
| 3. Range | Applicable to electrical operation, repair and maintenance work. Select and use a series of advanced and specialized technical skills to support and enhance electrical equipment operation, repair and maintenance work efficiency and quality. |
| 4. Level | 5 |
| 5. Credit | 6 |
| 6. Competency | <p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand advanced and specialized technical skills in electrical engineering</p> <ul style="list-style-type: none"> ◆ Understand a series of advanced and specialized technical skills in electrical operation, repair and maintenance such as integrated management for emergency repair and preventive maintenance, cost management, material procurement management, quality management, human resources management, logistics management, process flow management, etc. ◆ Understand the uses and strengths and weaknesses of a series of technologies commonly used for inspection, testing and commissioning <p>6.2 Select and use advanced and specialized skills to support electrical equipment operation, repair and maintenance</p> <ul style="list-style-type: none"> ◆ Analyze, re-organize and assess interlocking relationship of operation, repair and maintenance procedures for every equipment in various types of engineering projects, make suitable judgement, use advanced and specialized skills to formulate operation, repair and maintenance plans, improvement measures, etc. ◆ Select and use advanced and specialized skills to support established practices in operation, repair and maintenance for electrical projects including integrated management for emergency repair and preventive maintenance, cost management, material procurement management, quality management, human resources management, logistics management, process flow management, etc. to enhance operation, repair and maintenance efficiency and quality |
| 7. Assessment Criteria | <p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master uses and strengths and weaknesses of general operation, repair and maintenance management skills; and</p> <p>(ii) Capable to select and use general operation, repair and maintenance management skills and advanced technologies to enhance current electrical operation, repair and maintenance performance and quality.</p> |
| 8. Remarks | |