

1. Title	Formulate operation management plans for power generation, transmission and distribution network projects
2. Code	EMELOM501A
3. Range	Applicable to electricity generation, transmission and distribution network project operation management. Master information such as all the terms of client's tenders, contract details, project schedules, etc.; formulate operation management plans for electricity generation or various levels of transmission and distribution network and associated installations
4. Level	5
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand contract requirements for electricity generation, transmission and distribution network projects</p> <ul style="list-style-type: none"> ◆ Understand contract requirements for power generation, transmission and distribution networks including: contract's general specifications, contract's particular specifications, relevant international standards, project schedules, work process arrangement, project quotation list, tender drawings, etc. <p>6.2 Formulate operation management plans for power generation, transmission and distribution network projects according to contract requirements</p> <ul style="list-style-type: none"> ◆ Implement project management for power generation, transmission and distribution network according to contract requirements, including: <ul style="list-style-type: none"> • Organizing, arranging and operating all the resources including cash flow and human resources for operation management of different projects so as to monitor and ensure that the electricity generation, transmission and distribution projects can be implemented smoothly • Implementing project operation plan • Completing recognized operation management document records and assessing operation management problems and results • Arranging financial and project insurance arrangements • Monitoring and implementing logistic arrangements and material procurement • Allocation, coordination, training and recruitment of human resources • Implementing emergency procedures and contingency measures, etc. ◆ Ensure that the works related to power generation, transmission and distribution network equipment meet the statutory and professional requirements so that the electricity systems can be used safely

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to formulate operation management plans for power generation, transmission and distribution network projects according to the contract requirements.
8. Remarks	