1. Title	Master the techniques of assembling, operating, testing and repairing power supply facilities
2. Code	EMELDE406A
3. Range	Applicable to the design, assembling, operation, testing and repair of electrical power supply facilities. Understand the structure and assembling methods of power facilities and master the techniques of operating, testing and repairing power supply facilities.
4. Level	4
5. Credit	3
6. Competency	Performance Requirements 6.1 Understand the structure and assembling methods of electrical power supply facilities ♦ Understand various types of installation specifications and techniques, manufacturer's assembly diagram and design drawing ♦ Understand the structure and assembling methods of power supply facilities including: transformers, generators, low voltage or high voltage switchboard, various kinds of switches, protection and control devices, etc. 6.2 Master the techniques of operating, testing and repairing electrical power supply facilities ♦ Understand the characteristics of the running and operation of power supply facilities according to operation and repair manual ♦ Master the inspection, testing, repair and maintenance of power supply facilities according to operation and repair manual ♦ Master the performance and operating methods of various types of testing instruments, testing and repair techniques so as to assist in the design of power supply facilities ♦ Master key points for the operation, testing and repair of power supply facilities, consolidate basic design and formulate relevant working guidelines
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to understand the structure and assembling methods of power supply facilities ; and (ii) Capable to master the techniques of assembling, operating, testing and repairing power supply facilities; and formulate relevant working guidelines.
8. Remarks	