1. Title	Draw schematic diagrams of power supply from power system to neon installations
2. Code	EMELDE306A
3. Range	Applicable to neon installations electrical projects. Independently apply drawing techniques to draw schematic diagrams of power supply from power system to neon installations.
4. Level	3
5. Credit	6
6. Competency	<u>Performance Requirements</u> 6.1 Understand common electrical symbols, basic arrangement and design requirements for electrical installations and the functions, relationship and importance of various kinds of drawings ♦ Understand names and symbols of three-phase or single-phase components for power supply from distribution board to neon installations for different buildings, basic arrangement and design requirements for neon installations ♦ Understand and the functions, relationship and importance of various kinds of drawings such as: schematic diagrams of power supply, circuit diagrams, working diagrams, electrical installations layout plans, 3D assembly drawings, etc. 6.2 Draw schematic single-line power supply diagrams of neon installation power supply systems ♦ Use drawing techniques to draw schematic single-line diagrams of three-phase or single-phase power supply systems for power supply from distribution board to neon installations
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to use electrical symbols to draw schematic single-line diagrams for power supply from distribution board to neon installations; and (ii) Capable to follow the specified requirements on electrical installation arrangement, protection system, design and assembly to draw suitable working diagrams of neon installations.
8. Remarks	