1. Title	Formulate schematic diagrams of extra-low voltage installations of buildings
2. Code	EMELDE404A
3. Range	Applicable to the design and installation of extra-low voltage installations of buildings. Master the design of various kinds of extra-low voltage installations of buildings and installation criteria, and apply appropriate drawing techniques to formulate or improve the schematic diagrams of extra-low voltage installation systems of buildings according to client's requirements and the actual situation of the work site.
4. Level	4
5. Credit	6
6. Competency	<u>Performance Requirements</u> 6.1 Understand the design of various kinds of extra-low voltage installations of buildings and installation criteria ♦ Understand various kinds of extra-low voltage installations of buildings manufacturer's technical specifications for design and installation ♦ Understand methods and criteria for the installation of various kinds of extra-low voltage installations of buildings ♦ Understand composition of various kinds of extra-low voltage installation systems of buildings and relevant standards 6.2 Apply appropriate drawing techniques to formulate or improve the schematic diagrams of installation systems ♦ Apply appropriate drawing techniques to formulate the schematic diagrams of extra-low voltage installation systems of buildings according to client's requirements and the actual situation of the work site 6.3 Professionalism in formulating schematic diagrams of extra-low voltage installations of buildings ♦ Follow the regulations and safety guidelines for the industry to ensure that the design of installations of buildings are safe and reliable to use
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to master the design of various kinds of extra-low voltage installations of buildings and installation criteria; and (ii) Capable to apply appropriate drawing techniques to draw or modify the schematic diagrams of extra-low voltage installation systems of buildings according to client's requirements and the actual situation of the work site.
8. Remarks	