

1. Title	Draw schematic single-line diagrams for simple low voltage power supply systems
2. Code	EMELDE208A
3. Range	Applicable to the design of low voltage electrical work. Understand the design concept of basic electrical installation power supply, and draw, according to the design, schematic single-line diagrams of simple low voltage power supply systems directly fed by low voltage underground distribution cables.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Know about the design concept of the basic electrical installation power supply and method of drawing single-line diagrams</p> <ul style="list-style-type: none"> ◆ Understand the basic design concept of low voltage power systems directly fed by low voltage underground distribution cables ◆ Know about the method of drawing schematic single-line diagrams of power systems <p>6.2 Draw schematic diagrams of simple low voltage power systems according to design</p> <ul style="list-style-type: none"> ◆ Draw, according to the design, schematic single-line diagrams of simple low voltage power systems directly fed by low voltage underground distribution cables using: <ul style="list-style-type: none"> • Latest international standard electrical drawing symbols • Techniques of designing and drawing general schematic single-line diagrams
7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) Capable to draw schematic single-line diagrams for the simple low voltage power systems.
8. Remarks	