

1. Title	Understand simple documents of electrical installation works
2. Code	EMELDE105A
3. Range	Understand simple documents of electrical installation works for electrical installation works in general buildings using three-phase or single-phase power supply from the distribution board to final circuits.
4. Level	1
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand common electrical symbols, general single-line diagrams and circuit diagrams, and simple documents of work</p> <ul style="list-style-type: none"> ◆ Know about the components of low voltage electrical installations in general buildings using three-phase or single-phase power supply from the distribution board to final circuits, and the names and symbols of the components, such as: <ul style="list-style-type: none"> • Various kinds of electrical equipment such as distribution board, switchgear, cables, socket, lighting appliances, electric appliances • Various kinds of protection devices such as various kinds of miniature circuit breakers, molded case circuit breakers and fuses <p>6.2 Understand documents of work relevant to electrical installations</p> <ul style="list-style-type: none"> ◆ Understand documents of work relevant to electrical installations, such as work schedule, work flow, material list for the installation, installation manual, terminal diagram, installation diagram, equipment layout plan and conduit layout diagram ◆ Identify basic requirements for general circuits on protection, control, identification, circuit segregation, etc. ◆ Understand major requirements and rules of the documents of work for electrical installations, such as the moving of equipment, and safety and health codes of practice
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to understand common electrical symbols, general single-line diagrams, circuit diagrams; and</p> <p>(ii) Capable to understand major requirements and rules of the simple documents of work.</p>
8. Remarks	