

1. Title	Apply advanced technologies to occupational safety, health and environmental protection of electrical installations
2. Code	EMELSH401A
3. Range	Applicable to occupational safety, health and environmental protection related to electrical works. Apply advanced technologies to occupational safety, health and environmental protection related to electrical installations to enhance the standard for the existing occupational safety, health and environmental protection management of electrical works.
4. Level	4
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the inadequacy and risks of the existing occupational safety, health and environmental protection management skills for electrical installation works</p> <ul style="list-style-type: none"> ◆ Understand the inadequacy of the existing occupational safety, health and environmental protection management skills for electrical installation works ◆ Understand the risks of the existing occupational safety, health and environmental protection management skills for electrical installation works <p>6.2 Apply advanced technologies to occupational safety, health and environmental protection management of electrical installations</p> <ul style="list-style-type: none"> ◆ Apply advanced technologies to occupational safety, health and environmental protection management of electrical installations, including: various kinds of risk analysis models (JHA, HAZOP, FMEA, FTA), safety management system, 5-S practice, OHSAS18000 occupational health and safety management system, etc. to enhance occupational safety, health and environmental protection management performance
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to use various kinds of risk analysis models to understand the risks for electrical installation projects; and</p> <p>(ii) Capable to use advanced management skills for occupational safety, health and environmental protection management to enhance occupational safety, health and environmental protection management performance.</p>
8. Remarks	