

1. Title	Install overhead line isolator control circuit
2. Code	EMCUIN310A
3. Range	Capable to perform disconnection switch installation on overhead line pole according to installation instructions and drawings, including installing control circuit of the isolator, so as to comply with the electricity safety requirements.
4. Level	3
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Content of installation drawing and operating principles of various types of isolator</p> <ul style="list-style-type: none"> ◆ Understand the installation drawing and instructions, all kinds of symbols and the control circuit of the isolator ◆ Understand the operating principles of various types of isolators <p>6.2 Methods of operating various types of isolators and their control circuits</p> <ul style="list-style-type: none"> ◆ Know all common types of isolators, and be capable to install overhead line isolators and ensure that they meet the requirements of the electricity legislations and code of practice for isolating high-voltage electrical equipment ◆ Know the methods of operating the isolator control circuits
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to install typical isolators and their control circuits according to installation drawing instructions and requirements; and</p> <p>(ii) Capable to ensure that the safety of the isolators meet the requirements of the electricity legislations and code of practice for isolating high-voltage electrical equipment.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of electrical and mechanical drawings.