1. Title	Use measuring tools and instruments to install, connect or measure overhead line installations
2. Code	EMCUIN309A
3. Range	Use measuring tools and instruments to measure accurately, install and connect overhead line onto overhead line poles.
4. Level	3
5. Credit	5
6. Competency	<u>Performance Requirements</u> 6.1 Operating principles of overhead line measuring tools and instruments ♦ Understand the operating principles of overhead line measuring tools and instruments 6.2 Use measuring tools and instruments to install and connect overhead line ♦ Use measuring tools and instruments for pre-installation positioning ♦ Use measuring tools and instruments to install the overhead line according to the details of the drawing, including tension of the cable, insulation and isolation devices on the overhead line pole, etc. ♦ Connect cables on the two sides of the overhead line support or pole and ensure the safety of the insulation
7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) Capable to use measuring tools and instruments correctly and effectively to install and connect overhead line, and to connect cables on the two sides of the overhead line support with insulation and grounding devices for protection.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic electrical and mechanical knowledge.