

1. Title	Formulate installation instructions for overhead line system
2. Code	EMCUIN501A
3. Range	Formulate instructions on overhead line system installation for the electrical and mechanical services, including the formulation of all information relevant to installation, electrical and mechanical data of cable, requirements and relevant concerns for the installation of isolator and insulator, etc.
4. Level	5
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Principles of the whole overhead line system ♦ Understand the structure and working principles of the whole overhead line system, including requirements on voltage variation for all transformers</p> <p>6.2 Formulate installation instructions for the system ♦ Formulate installation instructions for the overhead line system, including relevant information, electrical and mechanical data of cable, and data requirements for the isolators and insulators</p> <p style="padding-left: 150px;">♦ Formulate installation instructions, illustrate the installation method, tools and instruments required, and noting points, etc.</p>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to understand the requirements for the whole overhead line system and different voltage variations so as to formulate installation instructions, including the cable type, electrical and mechanical data, requirements for protective devices, and relevant concerns for installation, etc., for installation staff to follow.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of electricity.