

1. Title	Inspect, test and commission overhead line equipment and related suspension and earthed installations
2. Code	EMCUIT401A
3. Range	Inspect, test and commission overhead line equipment and related suspension and earthed installations, including inspections on live and / or dead condition, according to instructions and standards for inspection, testing and commissioning of electrical and mechanical services.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Operating principles and functions of different kinds of overhead line equipment</p> <ul style="list-style-type: none"> <li>◆ Understand the operating principles and functions of different equipment of the overhead line system, including the suspension and earthed installations</li> </ul> <p>6.2 Inspect, test and commission overhead line equipment and related suspension and earthed installations</p> <ul style="list-style-type: none"> <li>◆ Perform the inspection, testing and commissioning of different equipment of the overhead line system, including inspections on live and / or dead condition; and the testing of suspension, isolation and earthed installations should meet the performance required by the specified standards</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency are:</p> <p>(i) Capable to inspect, test and commission the functions of different equipment of the overhead line system, including conducting inspections on live and / or dead condition, according to guidelines, drawings and standards; and</p> <p>(ii) Capable to inspect, test and commission suspension, isolation and earthed installations to ensure that they meet the performance required by the specified standards.</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 installations.