

1. Title	Repair overhead line and related equipment									
2. Code	EMCUOR302A									
3. Range	Find and locate the faults in the overhead line and related equipment of the overhead line system, and repair them.									
4. Level	3									
5. Credit	6									
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Operating principles of overhead line system</td> <td style="vertical-align: top;">◆ Understand the structure and operating principles of overhead line system</td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Repair overhead line systems</td> <td style="vertical-align: top;">◆ Use instruments to find and locate the faults in the overhead line and related equipment, and understand the causes and repairing method of the faults ◆ Repair the faults in the overhead line and related equipment</td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in repairing overhead line systems</td> <td style="vertical-align: top;">◆ Understand the potential hazards of overhead line, and follow the safety regulations and code of practice to carry out overhead line system and equipment repair and replacement</td> </tr> </table>	6.1	Operating principles of overhead line system	◆ Understand the structure and operating principles of overhead line system	6.2	Repair overhead line systems	◆ Use instruments to find and locate the faults in the overhead line and related equipment, and understand the causes and repairing method of the faults ◆ Repair the faults in the overhead line and related equipment	6.3	Professionalism in repairing overhead line systems	◆ Understand the potential hazards of overhead line, and follow the safety regulations and code of practice to carry out overhead line system and equipment repair and replacement
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7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to use instruments to find and locate the faults in the overhead line and related equipment, and follow the safety regulations and code of practice to carry out overhead line system and equipment repair and replacement.</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.									