

|                        |   |
|------------------------|---|
| 1. Title               | Perform general electrical assembly and fitting   |
| 2. Code                | EMCUIN201A  |
| 3. Range               | Capable to perform general electrical assembly and fitting for electrical and mechanical engineering installation.  |
| 4. Level               | 2   |
| 5. Credits             | 6   |
| 6. Competency          | <p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Requirements on general electrical assembly and fitting craftsmanship ♦ Understand the requirements on general electrical assembly and fitting craftsmanship, including:</p> <ul style="list-style-type: none"> <li>• Mastering general electrical assembly and fitting craftsmanship</li> <li>• Knowing how to use general electrical fitting tools</li> <li>• Understanding the physical properties and fitting methods of different metals</li> </ul> <p>6.2 Implement general electrical assembly and fitting ♦ Assist in general electrical assembly and fitting work in non live conditions under supervision by using all kinds of basis electrical materials, electrical equipment, tools, etc.</p> <p>♦ Implement general electrical equipment assembly and fitting for low-voltage power supply system, such as:</p> <ul style="list-style-type: none"> <li>• Main switch and distribution board assembly</li> <li>• Power unit installation and base adjustment</li> <li>• Dismantlement, assembly and calibration of low-voltage cabinet</li> <li>• Busbar system assembly, etc.</li> </ul> |
| 7. Assessment Criteria | <p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to understand the technical requirements on general electrical assembly and fitting craftsmanship; and</p> <p>(ii) Capable to implement general electrical assembly and fitting.</p>  |
| 8. Remarks             | This unit of competency is applicable to electrical and mechanical practitioners in general.  |