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| 1. Title               | Install escalator electrical installations   |
| 2. Code                | EMLEIN104A   |
| 3. Range               | Use general installation tools to carry out installation of escalator electrical installations at construction sites.  |
| 4. Level               | 1  |
| 5. Credit              | 3  |
| 6. Competency          | <p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 General electrical installation and construction drawings for escalators</p> <ul style="list-style-type: none"> <li>◆ Understand electrical installation drawings including: <ul style="list-style-type: none"> <li>• upper driving machine room</li> <li>• lower return station room</li> <li>• escalator truss</li> </ul> </li> <li>◆ Understand the electrical installations and general electrical symbols in the drawings</li> <li>◆ Understand the names and installation location of electrical installations</li> </ul> <p>6.2 Methods and procedures of installing escalator electrical installations</p> <ul style="list-style-type: none"> <li>◆ Know the assembly of escalator electrical installations including the procedures relating to the installation location and dimensions</li> <li>◆ Know how to install escalator electrical installations including: <ul style="list-style-type: none"> <li>• upper driving machine room</li> <li>• lower return station room</li> <li>• escalator truss</li> </ul> </li> <li>◆ Effectively use the general electrical tools to perform the work</li> </ul> <p>6.3 Professionalism in assembling escalator electrical installations</p> <ul style="list-style-type: none"> <li>◆ Follow working drawing's instructions to carry out the electrical and safety devices installations</li> <li>◆ Understand the requirements of safety guidelines and the code of practice for escalators in order to perform electrical installation works</li> </ul> |
| 7. Assessment Criteria | <p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to point out the names and locations of the electrical components in the construction drawings; and</p> <p>(ii) Capable to use correct tools to complete the installation of electrical installations according to instructions.</p>   |
| 8. Remarks             | The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of using basic installation tools.   |