

1. Title	Install lift electrical conduits and trunkings
2. Code	EMLEIN206A
3. Range	Use general installation tools to carry out installation of lift electrical conduits and trunkings at construction sites.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 General lift electrical installation and construction drawings</p> <ul style="list-style-type: none"> <li>◆ Understand electrical installation drawings including: <ul style="list-style-type: none"> <li>• lift machine room</li> <li>• lift landings</li> <li>• lift well</li> <li>• lift pit</li> <li>• lift car</li> </ul> </li> <li>◆ Understand the electrical installations in the drawings and the general electrical symbols</li> <li>◆ Understand the types and names of electrical conduits and trunkings</li> </ul> <p>6.2 Methods and procedures of installing lift electrical conduits and trunkings</p> <ul style="list-style-type: none"> <li>◆ Know the procedures of cutting, bending and connecting for different kinds of conduit</li> <li>◆ Know the procedures of cutting, connecting and drilling for different kinds of trunking</li> <li>◆ Know how to measure and install conduits and trunkings</li> <li>◆ Know how to install lift electrical conduits and trunkings including: <ul style="list-style-type: none"> <li>• the connection of conduits and lift electrical installations</li> <li>• the connection of trunkings and lift electrical installations</li> <li>• the connection of conduits, trunkings and junction box</li> </ul> </li> <li>◆ Use general electrical installation tools effectively</li> </ul> <p>6.3 Professionalism in assembling lift electrical conduits and trunkings</p> <ul style="list-style-type: none"> <li>◆ Follow working drawing's instructions to carry out the installation of electrical conduits and trunkings</li> <li>◆ Understand safety guidelines and code of practice for lifts and Code of Practice for the Electricity (Wiring) Regulations in order to perform the installation of electrical conduits and trunkings</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to use tools to finish the combination installation of conduits, trunkings and lift electrical installations according to working drawings; and</p> <p>(ii) Capable to point out the types of and names of electrical conduits and trunkings.</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.