

1. Title	Maintain control cabinet of general lift
2. Code	EMLEOR202A
3. Range	Maintain lift control cabinet (AC1 and AC2) under general situations at field locations.
4. Level	2
5. Credit	3
6. Competency	<u>Performance Requirements</u>
	<p>6.1 Structure and working principles of lift control cabinet</p> <ul style="list-style-type: none"> <li>◆ Understand the structure and working principles of general control cabinet including: <ul style="list-style-type: none"> <li>• AC single speed driven (AC 1) control cabinet</li> <li>• AC double speed driven (AC 2) control cabinet</li> </ul> </li> <li>◆ Understand the structure and working principles of general control cabinet components including: transformers, rectifiers, protection devices, resistors, reactors, capacitors, contactors and relays</li> </ul> <p>6.2 Methods and procedures of maintaining lift control cabinet</p> <ul style="list-style-type: none"> <li>◆ Know the repair and maintenance of general control cabinets including the procedures of inspection, cleaning and oiling</li> <li>◆ Know the repair and maintenance of general control cabinet components including: <ul style="list-style-type: none"> <li>• enclosure and internal part of control cabinet</li> <li>• cooling system</li> <li>• control cabinet components</li> <li>• terminal</li> </ul> </li> <li>◆ Use general repairing and testing instruments and tools effectively</li> </ul> <p>6.3 Professionalism in handling lift control cabinet</p> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's maintenance instructions to carry out control cabinet maintenance</li> <li>◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to perform control cabinet maintenance</li> </ul>
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to systematically and effectively complete the maintenance of general lift control cabinets; and (ii) Capable to clearly explain the construction and key points of maintenance of control cabinet.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of using general repairing and testing instruments and tools.