

1. Title	Overhaul control cabinet of general lift
2. Code	EMLEOR213A
3. Range	Overhaul lift control cabinet (AC single speed and AC double speed) under general situations at field locations.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <div> <div> 6.1 Structure and working principles of lift control cabinet </div> <div> <ul style="list-style-type: none"> <li>◆ Understand the structure and working principles of general control cabinets 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: <ul style="list-style-type: none"> <li>• transformers, rectifiers, protection devices, resistors, reactors, capacitors, contactors and relays</li> </ul> </li> </ul> </div> </div> <div> <div> 6.2 Overhaul methods and procedures for control cabinet (AC single speed and AC double speed) </div> <div> <ul style="list-style-type: none"> <li>◆ Know the lifting methods and procedures for general control cabinets including: <ul style="list-style-type: none"> <li>• the work of shutdown procedures</li> <li>• AC single speed driven (AC 1) control cabinet</li> <li>• AC double speed driven (AC 2) control cabinet</li> <li>• the work of resumption operation</li> </ul> </li> <li>◆ Effectively use general lifting gear to hoist lift control cabinet</li> <li>◆ Use general tools effectively to disassemble and assemble control cabinet components</li> </ul> </div> </div> <div> <div> 6.3 Professionalism in disassembling and assembling control cabinet (AC single speed and AC double speed) </div> <div> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's repair instructions to disassemble and assemble control cabinet components</li> <li>◆ Understand manufacturer's repair instructions and the code of practice for lift design and construction to adjust and test control cabinet components including: <ul style="list-style-type: none"> <li>• control cabinet transformers, rectifiers, protection devices, resistors, reactors, capacitors, contactors and relays</li> </ul> </li> </ul> </div> </div>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to systematically and efficiently disassemble, assemble and adjust lift control cabinet (AC single speed and AC double speed) components in compliance with the prescribed standards of repair.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in maintaining general lift control cabinets.