

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	<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"> ◆ Understand the structure and working principles of general control cabinet including: <ul style="list-style-type: none"> • AC single speed driven (AC 1) control cabinet • AC double speed driven (AC 2) control cabinet ◆ Understand the structure and working principles of general control cabinet components including: transformers, rectifiers, protection devices, resistors, reactors, capacitors, contactors and relays </div> </div> <div> <div>6.2 Methods and procedures of maintaining lift control cabinet</div> <div> <ul style="list-style-type: none"> ◆ Know the repair and maintenance of general control cabinets including the procedures of inspection, cleaning and oiling ◆ Know the repair and maintenance of general control cabinet components including: <ul style="list-style-type: none"> • enclosure and internal part of control cabinet • cooling system • control cabinet components • terminal ◆ Use general repairing and testing instruments and tools effectively </div> </div> <div> <div>6.3 Professionalism in handling lift control cabinet</div> <div> <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to carry out control cabinet maintenance ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to perform control cabinet maintenance </div> </div>