

1. Title	Repair the faults of lifts
2. Code	EMLEOR323A
3. Range	Repair the faults of lifts at field locations.
4. Level	3
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Structure and working principles of lifts</p> <ul style="list-style-type: none"> <li>◆ Understand the structure and working principles of lifts including: <ul style="list-style-type: none"> <li>• the devices in machine room</li> <li>• the devices inside lift shaft</li> <li>• the devices in lift pit</li> <li>• the devices in landings</li> <li>• the devices inside lift car</li> <li>• the control circuits</li> </ul> </li> </ul> <p>6.2 Methods and procedures of repairing lift faults</p> <ul style="list-style-type: none"> <li>◆ Know the principles of lift repair and maintenance and the works include the procedures of inspection, cleaning, oiling, commissioning and components replacement</li> <li>◆ Know the techniques of faults location and remedy for lifts including: <ul style="list-style-type: none"> <li>• faults occur at lift running</li> <li>• stubborn faults in lift operation</li> <li>• hidden faults in lift operation</li> </ul> </li> <li>◆ Effectively use repairing and testing instruments and tools</li> </ul> <p>6.3 Professionalism in repairing lift faults</p> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's repair instructions to repair lift faults</li> <li>◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to repair lift faults</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to systematically and effectively locate and eliminate lift faults and complete the repair work; and</p> <p>(ii) Capable to clearly explain the causes of component faults and the methods and key points of repairing them.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of lift maintenance.