

1. Title	Maintain lift car and counterweight
2. Code	EMLEOR306A
3. Range	Arrange and implement the maintenance of lift cars and counterweights 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 of lift car and counterweight</p> <ul style="list-style-type: none"> <li>◆ Understand the structure of different lift cars including: <ul style="list-style-type: none"> <li>• single wrap and roping ratio 1:1 and 2:1 lift cars</li> <li>• double wrap and roping ratio 1:1 and 2:1 lift cars</li> </ul> </li> <li>◆ Understand the structure of different counterweights including: <ul style="list-style-type: none"> <li>• single wrap and roping ratio 1:1 and 2:1 counterweights</li> <li>• double wrap and roping ratio 1:1 and 2:1 counterweights</li> </ul> </li> </ul> <p>6.2 Methods and procedures of maintaining cars and counterweights</p> <ul style="list-style-type: none"> <li>◆ Know the repair and maintenance of cars and counterweights and the works include the procedures of inspection, cleaning, oiling and testing</li> <li>◆ Know the repair and maintenance of cars including: <ul style="list-style-type: none"> <li>• car ventilation device</li> <li>• car lighting and alarm device</li> <li>• car door device</li> <li>• car top device</li> <li>• car safety device</li> <li>• display and push button equipment</li> <li>• car guide-rail</li> </ul> </li> <li>◆ Know the repair and maintenance of counterweights including: <ul style="list-style-type: none"> <li>• counterweight block fixing device</li> <li>• counterweight guide-rail</li> </ul> </li> <li>◆ Arrange and implement maintenance instructions for lift cars and counterweights</li> <li>◆ Enable to effectively operate the maintenance instruments and tools</li> </ul> <p>6.3 Professionalism in maintaining lift cars and counterweights</p> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's maintenance instructions to arrange and implement car and counterweight maintenance</li> <li>◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to perform car and counterweight maintenance</li> </ul>

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to master the construction and key points of repair and maintenance of different kinds of car and counterweight;</li> <li>(ii) Capable to systematically and effectively complete the repair and maintenance of different kinds of lift car and counterweight;</li> <li>(iii) Capable to arrange and implement the maintenance instructions for lift car and counterweight; and</li> <li>(iv) Capable to follow manufacturer's maintenance instructions to arrange and implement the maintenance of car and counterweight.</li> </ul>
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of maintaining general lift cars and counterweights.</p>