

1. Title	Maintain lift buffers
2. Code	EMLEOR307A
3. Range	Arrange and implement the maintenance works of lift buffers 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 lift buffers</p> <ul style="list-style-type: none"> <li>◆ Understand the structure and working principles of different kinds of buffer including: <ul style="list-style-type: none"> <li>• energy accumulation buffers</li> <li>• one-plunger type energy dissipation buffers</li> <li>• multi- plunger type energy dissipation buffers</li> </ul> </li> </ul> <p>6.2 Methods and procedures of maintaining buffers</p> <ul style="list-style-type: none"> <li>◆ Know the repair and maintenance of different kinds of buffer and the works include the procedures of inspection, cleaning, oiling and testing</li> <li>◆ Know the repair and maintenance of buffers including <ul style="list-style-type: none"> <li>• welding part of buffer</li> <li>• fixed part of buffer</li> <li>• piston part</li> </ul> </li> <li>◆ Arrange and implement maintenance instructions for lift buffers</li> <li>◆ Effectively use repairing and testing instruments and tools</li> </ul> <p>6.3 Professionalism in maintaining buffers</p> <ul style="list-style-type: none"> <li>◆ Follow manufacturer’s maintenance instructions to arrange and implement buffer maintenance</li> <li>◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to perform buffer maintenance</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master the construction and key points of repair and maintenance of different kinds of buffer;</p> <p>(ii) Capable to systematically and effectively complete the repair and maintenance of different kinds of lift buffer;</p> <p>(iii) Capable to arrange and implement the maintenance instructions for lift buffers; and</p> <p>(iv) Capable to follow manufacturer’s maintenance instructions to arrange and implement the maintenance of buffers.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of maintaining general lift buffers.