1. Title	Overhaul lift buffers
2. Code	EMLEOR318A
3. Range	Arrange and implement lift buffer overhauls at field locations.
4. Level	3
5. Credit	3
6. Competency	Performance Requirements
	6.1 Structure and working principles of different kinds of buffer including:  • energy accumulation buffer  • one-plunger energy dissipation buffer  • multi- plunger energy dissipation buffer
	<ul> <li>Overhaul methods and procedures for buffers</li> <li>Formulate overhaul procedure lists for different kinds of buffer including:         <ul> <li>energy accumulation buffer</li> <li>one-plunger energy dissipation buffer</li> <li>multi- plunger energy dissipation buffer</li> </ul> </li> <li>Implement and assign completed shutdown and restart work for different buffers, including         <ul> <li>safety preparation works for shutdown</li> <li>safety works for resumption operation</li> </ul> </li> <li>Effectively use different lifting gears to implement and assign completed lifting work for different buffers</li> <li>Effectively use different tools to implement and assign completed disassembly, rust removal and prevention and assembly work for different buffers</li> </ul>
	<ul> <li>Apply manufacturer's repair instructions and the code of practice for lift work safety to implement and assign completed disassembly and assembly of buffers</li> <li>Apply manufacturer's repair instructions and the code of practice for lift design and construction to implement and assign completed adjustment and testing work for different buffers including:         <ul> <li>energy accumulation buffer</li> <li>one-plunger energy dissipation buffer</li> <li>multi- plunger energy dissipation buffer</li> </ul> </li> </ul>

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are:
	(i) Capable to arrange and assign completed disassembly, rust removal and prevention, assembly and testing procedures for different lift buffers systematically and through effective communication; and
	(ii) Capable to implement completed disassembly, rust removal and prevention, assembly and testing works for different lift buffers under general or complicated situations in compliance with the prescribed standards of repair.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in overhauling general lift buffers.