1. Title	Install lift buffers
2. Code	EMLEIN308A
3. Range	Arrange and implement the installation of lift buffers at construction sites.
4. Level	3
5. Credit	3
6. Competency	<u>Performance Requirements</u> 6.1 Structure, working principles and installation drawings of lift buffers ♦ Understand the structure and working principles of different kinds of buffer including: • energy accumulation buffers • single-plunger energy dissipation buffers • multi-plunger energy dissipation buffers ♦ Understand installation drawings of different kinds of buffer including: • energy accumulation buffers • single-plunger energy dissipation buffers • multi-plunger energy dissipation buffers 6.2 Installation methods and procedures for buffers ♦ Formulate the installation procedure lists for different kinds of buffer including: • different kinds of energy accumulation buffers • different kinds of energy dissipation buffers ♦ Effectively use different kinds of lifting gear to implement and assign completed lifting work for different kinds of buffer ♦ Effectively use different tools and buffers installation drawings to implement and assign completed installation work for different kinds of buffer 6.3 Professionalism in full installation of buffers ♦ Apply manufacturer's installation instructions and the code of practice for lift work safety to implement and assign completed installation work for different kinds of buffer ♦ Apply manufacturer's installation instructions and the code of practice for lift design and construction to implement and assign completed adjustment and testing work for different kinds of buffer including: • energy accumulation buffers • single-plunger energy dissipation buffers • multi-plunger energy dissipation buffers

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to arrange and assign completed installation and testing procedures for different kinds of lift buffer systematically and through effective communication; and (ii) Capable to implement completed installation and testing for different kinds of lift buffer under general or complicated situations in compliance with the prescribed standards.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in installing lift top machine room's mechanical equipment.