

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	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Structure, working principles and installation drawings of lift buffers</p> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of different kinds of buffer including: <ul style="list-style-type: none"> • energy accumulation buffers • single-plunger energy dissipation buffers • multi-plunger energy dissipation buffers ◆ Understand installation drawings of different kinds of buffer including: <ul style="list-style-type: none"> • energy accumulation buffers • single-plunger energy dissipation buffers • multi-plunger energy dissipation buffers <p>6.2 Installation methods and procedures for buffers</p> <ul style="list-style-type: none"> ◆ Formulate the installation procedure lists for different kinds of buffer including: <ul style="list-style-type: none"> • 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 <p>6.3 Professionalism in full installation of buffers</p> <ul style="list-style-type: none"> ◆ 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: <ul style="list-style-type: none"> • energy accumulation buffers • single-plunger energy dissipation buffers • multi-plunger energy dissipation buffers

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (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	<p>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.</p>