

1. Title	Install lift compensation devices
2. Code	EMLEIN307A
3. Range	Arrange and implement the installation of lift compensation devices at construction sites.
4. Level	3
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Types, structure, working principles and installation drawings of lift compensation devices</p> <ul style="list-style-type: none"> ◆ Understand different kinds of compensation device including: <ul style="list-style-type: none"> • single end compensation • single end with double compensation • balance compensation ◆ Understand the structure and working principles of different kinds of compensation device including: <ul style="list-style-type: none"> • compensation chains • compensation ropes ◆ Understand the installation drawings of different kinds of compensation device including: <ul style="list-style-type: none"> • single end compensation chains • single end with double compensation chains • balance compensation chains • balance compensation ropes <p>6.2 Installation methods and procedures for compensation devices</p> <ul style="list-style-type: none"> ◆ Formulate the installation procedure lists for different kinds of compensation device including: <ul style="list-style-type: none"> • compensation chains • compensation ropes ◆ Effectively use different kinds of lifting gears to implement and assign the completed lifting work for compensation rope tension pulley ◆ Effectively use different tools and installation drawings to implement and assign the completed installation works for compensation rope and chain

	<p>6.3 Professionalism in full installation of compensation devices</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 the completed installation work for compensation chains and compensation ropes ◆ Apply manufacturer’s installation instructions and the code of practice for lift design and construction to implement and assign the completed testing work for compensation chains and compensation ropes including: <ul style="list-style-type: none"> • compensation rope suspension device • attachment and termination of compensation rope • compensation rope relaxation device • compensation rope anti-rebound device • tensioners between compensation ropes • safety guards for prevention objects falling into the grooves of pulley
<p>7. Assessment Criteria</p>	<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 lift compensation chains and compensation ropes systematically and through effective communication; and (ii) Capable to implement completed installation and testing for lift compensation chains and compensation ropes under general or complicated situations in compliance with the prescribed standards.
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in installing general lift suspension ropes.</p>