

1. Title	Install lift guide-rails
2. Code	EMLEIN304A
3. Range	Arrange and implement the installation of lift guide-rails 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, installation formats and installation drawings of lift guide-rails</p> <ul style="list-style-type: none"> ◆ Understand different types of rail brackets including: <ul style="list-style-type: none"> • T-shaped brackets • U-shaped brackets • L-shaped brackets ◆ Understand different types of rail brackets including: <ul style="list-style-type: none"> • rail brackets embedded in well wall • rail brackets hidden in well wall bolts ◆ Understand the relationship of well plumbing lines with the mounting plans for different types of rail brackets including: <ul style="list-style-type: none"> • lift rail brackets of independent well rear-mounted counterweight • lift rail brackets of independent well side-mounted counterweight • lift rail brackets of common well rear-mounted counterweight • lift rail brackets of common well side-mounted counterweight <p>6.2 Methods and procedures of mounting rail brackets</p> <ul style="list-style-type: none"> ◆ Implement the mounting procedure lists for different types of rail brackets including: <ul style="list-style-type: none"> • lift rail brackets of independent well rear-mounted counterweight • lift rail brackets of independent well side-mounted counterweight • lift rail brackets of common well rear-mounted counterweight • lift rail brackets common well side-mounted counterweight ◆ Effectively use different kinds of tool to implement and assign the alternative works of plumbing lines' frame including: <ul style="list-style-type: none"> • Alter the plumbing lines' frame from installation of guid-rail brackets to guid-rails

	<ul style="list-style-type: none"> ◆ Effectively use different lifting gears to implement and assign full lifting work for different guide-rails including: <ul style="list-style-type: none"> • 5 kg guide-rail, 8 kg guide-rail, 13 kg guide-rail, 18 kg guide-rail, 24 kg guide-rail, 30 kg guide-rail, 36 kg guide-rail ◆ Effectively use different tools, well plumbing lines and installation drawings to carry out the installation and adjustment works for different guide-rails including: <ul style="list-style-type: none"> • connection work on the fish-plate • alignment work between the joint of guide-rails • alignment work (perpendicular) of left and right guide-rails • alignment work (parallelism) of left and right guide-rails <p>6.3 Professionalism in full installation of guides</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 and adjustment work for different kinds of guide-rail ◆ Apply manufacturer's installation instructions and the code of practice for lift design and construction to implement and assign completed testing work for different kinds of guide-rail
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 adjustment procedures for different kinds of lift guide-rail systematically and through effective communication; and (ii) Capable to implement completed installation and adjustment of different kinds of lift guide-rail 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 rail brackets.</p>