

1. Title	Install escalator guide-rails	
2. Code	EMLEIN312A	
3. Range	Arrange and implement the installation of escalator guide-rails at construction sites.	
4. Level	3	
5. Credit	3	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <div> <div> 6.1 Construction and installation drawings of escalator guide-rails </div> <div> <ul style="list-style-type: none"> <li>◆ Understand the structure of different kinds of guide-rail including: <ul style="list-style-type: none"> <li>• main drive transition section guides</li> <li>• driving station and truss mid-section guides</li> <li>• reversing station and truss mid-section guides</li> <li>• tension frame transition section guides</li> </ul> </li> <li>◆ Understand installation drawings of all kinds of guide devices including: <ul style="list-style-type: none"> <li>• main drive transition section guide-rail</li> <li>• driving station and truss mid-section guide-rail</li> <li>• reversing station and truss mid-section guide-rail</li> <li>• tension frame transition section guide-rail</li> </ul> </li> </ul> </div> </div> <div> <div> 6.2 Installation methods and procedures for guide devices </div> <div> <ul style="list-style-type: none"> <li>◆ Formulate the installation procedure lists for different kinds of guide-rail including: <ul style="list-style-type: none"> <li>• safety equipment list at construction site</li> <li>• work procedure lists for main drive transition section guides</li> <li>• work procedure lists for driving station and truss mid-section guides</li> <li>• work procedure lists for reversing station and truss mid-section guides</li> <li>• work procedure lists for tension frame transition section guides</li> </ul> </li> <li>◆ Effectively use protective barriers or guards to implement and assign safety measures at work sites including: <ul style="list-style-type: none"> <li>• work site surrounding safety</li> </ul> </li> </ul> </div> </div>	

	<ul style="list-style-type: none"> <li>◆ Effectively use different tools, level, truss vertical centre line and installation drawings to implement and assign completed installation and adjustment work for different kinds of guide-rail including: <ul style="list-style-type: none"> <li>• main drive transition section guides such as step chain wheel stop thrust guides, step chain wheel guides, step wheel stop thrust guides and step wheel guides</li> <li>• truss mid-section guides such as step chain wheel guide and step wheel guides</li> <li>• tension frame transition section guides such as step chain wheel stop thrust guides, step chain wheel guides, step wheel stop thrust guides and step wheel guides</li> </ul> </li> </ul> <p>6.3 Professionalism in full installation of guide devices</p> <ul style="list-style-type: none"> <li>◆ Apply manufacturer's installation instructions and the code of practice for escalator work safety to implement and assign completed installation and adjustment work for different kinds of guide-rail</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to arrange and assign completed installation and adjustment procedures for different kinds of escalator guide-rail systematically and through effective communication; and</li> <li>(ii) Capable to implement completed installation and adjustment of different kinds of escalator guide-rail under general or complicated situations in compliance with the prescribed standards.</li> </ul>
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 basic mechanical installations of escalators.</p>