

1. Title	Install escalator handrail devices
2. Code	EMLEIN313A
3. Range	Arrange and implement the installation of escalator handrail 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 Construction, working principles and installation drawings of escalator handrail devices</p> <ul style="list-style-type: none"> <li>◆ Understand the structure and working principles of different kinds of handrail devices including: <ul style="list-style-type: none"> <li>• handrail</li> <li>• handrail guiding device</li> <li>• handrail driving device</li> <li>• handrail elongating compensation device</li> <li>• handrail inlet protection device</li> <li>• broken handrail device</li> </ul> </li> <li>◆ Understand installation drawings of different kinds of handrail devices including: <ul style="list-style-type: none"> <li>• handrail guiding device</li> <li>• handrail driving device</li> <li>• handrail elongating compensation device</li> <li>• handrail inlet protection device</li> <li>• broken handrail device</li> </ul> </li> </ul> <p>6.2 Installation methods and procedures for handrail devices</p> <ul style="list-style-type: none"> <li>◆ Formulate the installation procedure lists for different kinds of handrail devices including: <ul style="list-style-type: none"> <li>• different kinds of handrail</li> <li>• different kinds of handrail guiding device</li> <li>• different kinds of handrail driving device</li> <li>• different kinds of handrail elongating compensation device</li> <li>• different kinds of handrail inlet protection device</li> <li>• different kinds of broken handrail device</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> <li>◆ Effectively use different tools to implement and assign completed installation of different kinds of handrail device</li> </ul>

	<p>6.3 Professionalism in full installation of handrail 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 work for different kinds of handrail device</li> <li>◆ Apply manufacturer’s installation instructions and the code of practice for escalator design and construction to implement and assign completed adjustment and testing work of different kinds of handrail device including: <ul style="list-style-type: none"> <li>• handrail inlet protection device</li> <li>• broken handrail device</li> <li>• allowable deviation of handrail running speed</li> <li>• clearances between handrail outlet and guide or handrail bracket</li> </ul> </li> </ul>
<p>7. Assessment Criteria</p>	<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, adjustment and testing procedures for escalator handrail devices systematically and through effective communication; and</li> <li>(ii) Capable to implement completed installation, adjustment and testing of escalator handrail devices under general or complicated situations in compliance with the prescribed standards.</li> </ul>
<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 basic mechanical installations of escalators.</p>