

1. Title	Overhaul escalator handrail devices
2. Code	EMLEOR331A
3. Range	Arrange and implement overhauls of escalator handrail driving devices at field locations.
4. Level	3
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Structure and working principles of escalator handrail driving devices</p> <ul style="list-style-type: none"> <li>◆ Understand the structure and working principles of different handrail driving 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> </ul> <p>6.2 Overhaul methods and procedures for handrail driving devices</p> <ul style="list-style-type: none"> <li>◆ Formulate overhaul procedure lists for different handrail driving devices including: <ul style="list-style-type: none"> <li>• different handrails</li> <li>• different handrail guiding devices</li> <li>• different handrail driving devices</li> <li>• different handrail elongating compensation devices</li> <li>• different handrail inlet protection devices</li> <li>• different broken handrail devices</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>• safety preparation works for escalator shutdown</li> <li>• safety precaution works for surrounding</li> <li>• safety works for resumption operation</li> </ul> </li> <li>◆ Effectively use different tools to implement and assign completed disassembly and assembly work for different handrail driving devices</li> </ul>

	<p>6.3 Professionalism in completed disassembly and assembly of handrail driving devices</p> <ul style="list-style-type: none"> <li>◆ Apply manufacturer’s repair instructions and the code of practice for escalator work safety to implement and assign completed disassembly and assembly work for different handrail driving devices</li> <li>◆ Apply manufacturer’s repair instructions and the code of practice for escalator design and construction to implement and assign completed adjustment and testing work for different handrail driving devices including: <ul style="list-style-type: none"> <li>• handrail inlet protection device</li> <li>• broken handrail device</li> <li>• allowable deviation of handrail slip</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 inspection, disassembly, assembly and adjustment procedures for escalator handrail driving devices systematically and through effective communication; and</li> <li>(ii) Capable to implement completed inspection, disassembly, assembly and adjustment of escalator handrail driving devices under general or complicated situations in compliance with the prescribed standards of repair.</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 overhauling handrail driving devices of general escalators.</p>