

1. Title	Overhaul handrail devices of general escalators
2. Code	EMLEOR229A
3. Range	Overhaul escalator handrail driving devices (vertical height 3m or below) under general situations at field locations.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Construction and principles of escalator handrail driving devices</p> <ul style="list-style-type: none"> <li>◆ Understand the structure and working principles of general 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>◆ Know how to perform safety measures at general work sites including: <ul style="list-style-type: none"> <li>• the safety work of shutdown procedures</li> <li>• safety measurement for working</li> <li>• the safety work of resumption operation</li> </ul> </li> <li>◆ Use general tools effectively to disassemble and assemble handrail driving devices</li> </ul> <p>6.3 Professionalism in disassembling and assembling handrail driving devices</p> <ul style="list-style-type: none"> <li>◆ Follow manufacturer's repair instructions and the code of practice for escalator work safety to disassemble and assemble handrail driving devices</li> <li>◆ Understand manufacturer's repair instructions and the code of practice for escalator design and construction to adjust and test 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 running speed</li> <li>• clearances between handrail outlet and guide or handrail bracket</li> </ul> </li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to systematically and efficiently disassemble, assemble and adjust escalator handrail driving devices (vertical height 3m or below) in compliance with the prescribed standards of repair.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in maintaining general escalator handrail driving devices.