

1. Title	Maintain electrical components of general escalator
2. Code	EMLEOR224A
3. Range	Maintain electrical components of escalator 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 Structure and working principles of electrical components of escalator</p> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of control cabinets including: <ul style="list-style-type: none"> • AC single speed driving system ◆ Understand the structure and working principles of the lighting including: <ul style="list-style-type: none"> • step lighting ◆ Understand the structure and working principles of starting devices including: <ul style="list-style-type: none"> • manually-operated key ◆ Understand the structure and working principles of general stop devices including handrail inlet protection device, emergency stop devices, combplate safety devices, skirting safety device <p>6.2 Methods and procedures of maintaining electrical components</p> <ul style="list-style-type: none"> ◆ Know the repair and maintenance of electrical components including the procedures of inspection, cleaning and oiling ◆ Know the repair and maintenance of electrical components including: <ul style="list-style-type: none"> • control cabinet • lighting • starting devices • stopping devices ◆ Use general repairing and testing instruments and tools effectively <p>6.3 Professionalism in maintaining escalator's electrical assembly</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to maintain the electrical assembly ◆ Understand the requirements of safety guidelines and the code of practice for escalator in order to maintain the electrical assembly
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to systematically and effectively complete the maintenance of escalator's electrical assembly; and</p> <p>(ii) Capable to clearly explain the construction and the key points of maintenance of electrical assembly.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of using general repairing and testing instruments and tools.