

1. Title	Perform electrical wiring of escalator	
2. Code	EMLEIN318A	
3. Range	Arrange and implement the installation of electrical wiring of escalator 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 Principles of electrical wiring of escalator </div> <div> <ul style="list-style-type: none"> ◆ Understand electrical wiring drawings including: <ul style="list-style-type: none"> • working drawings of the electrical installations in escalator upper machine room • working drawings of the electrical installations in escalator lower machine room • working drawings of the electrical installations in escalator truss ◆ Understand and use the drawings to formulate the whole set of electrical installation work ◆ Understand the basic requirements and relevant standards for electrical wiring including: <ul style="list-style-type: none"> • types and identification of wires • wire terminal connection method • wire insulation and continuity test </div> </div> <div> <div> 6.2 Methods and procedures for electrical wiring of escalator </div> <div> <ul style="list-style-type: none"> ◆ Formulate and implement the whole set of electrical wiring procedures including: <ul style="list-style-type: none"> • electrical installations in escalator upper machine room • electrical installations in escalator lower machine room • electrical installations in escalator truss ◆ Know the electrical wiring techniques including: <ul style="list-style-type: none"> • identification of wires • symbols and markings on wires • wire laying technique • wire terminal connection ◆ Implement wire insulation and continuity test ◆ Effectively use electrical installation tools and general testing instruments </div> </div>	

	<p>6.3 Professionalism in electrical wiring of escalator</p> <ul style="list-style-type: none"> ◆ Follow working drawing's instructions to carry out electrical wiring ◆ Understand escalator safety guidelines, code of practice and Code of Practice for the Electricity (Wiring) Regulations in order to perform electrical wiring
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to formulate the whole set of electrical wiring procedures according to drawings; and (ii) Capable to systematically and effectively arrange and implement the installation of electrical wiring.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses knowledge in installing electrical conduits and trunkings of escalators.</p>