

1. Title	Overhaul steps driving components of general escalator
2. Code	EMLEOR228A
3. Range	Overhaul escalator steps driving elements (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 Structure and working principles of escalator steps driving devices</p> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of general step chain driving wheels including: <ul style="list-style-type: none"> • multi-section step chain driving wheels • multi-section step chain driving gear ◆ Understand the structure and working principles of general step chains including: <ul style="list-style-type: none"> • multi-section step chain ◆ Understand the structure and working principles of general step chain tension wheels including: <ul style="list-style-type: none"> • multi-section step chain tension wheels • multi-section step chain tension gear <p>6.2 Overhaul methods and procedures for step driving devices</p> <ul style="list-style-type: none"> ◆ Know how to perform safety measures at general work sites including: <ul style="list-style-type: none"> • the safety work of shutdown procedures • safety measurement for working • the safety work of resumption operation ◆ Know lifting methods and procedures for general step driving devices including: <ul style="list-style-type: none"> • multi-section step chain driving wheels • multi-section step chain driving gear • multi-section step chain • multi-section step chain tension wheels • multi-section step chain tension gear ◆ Effectively use general lifting gear to lift step driving devices ◆ Use general tools effectively to disassemble and assemble step driving devices

	<p>6.3 Professionalism in disassembling and assembling step driving devices</p> <ul style="list-style-type: none"> ◆ Follow manufacturer’s repair instructions and the code of practice for escalator work safety to disassemble and assemble step driving devices ◆ Understand manufacturer’s repair instructions and the code of practice for escalator design and construction to adjust and test step driving devices including <ul style="list-style-type: none"> • multi-section step chain driving wheels • multi-section step chain driving gear • multi-section step chain • multi-section step chain tension wheels • multi-section step chain tension gear
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency is:</p> <p>(i) Capable to systematically and efficiently disassemble, assemble and adjust escalator steps driving components (vertical height 3m or below) in compliance with the prescribed standards of repair.</p>
8. Remarks	<p>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 steps driving assembly.</p>