

1. Title	Overhaul escalator steps driving components
2. Code	EMLEOR330A
3. Range	Arrange and implement overhauls of escalator steps driving components 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 steps driving devices</p> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of all kinds of step chain driving wheels including: <ul style="list-style-type: none"> • long-pitch step chain driving wheels • short-pitch step chain driving wheels ◆ Understand the structure and working principles of different step chains including: <ul style="list-style-type: none"> • long-pitch step chain • short-pitch step chain ◆ Understand the structure and working principles of different step chain tension wheels including: <ul style="list-style-type: none"> • long-pitch step chain tension wheels • short-pitch step chain tension wheels <p>6.2 Overhaul methods and procedures for step driving devices</p> <ul style="list-style-type: none"> ◆ Formulate overhaul procedure lists for all kinds of step driving devices including: <ul style="list-style-type: none"> • selection lists for different suitable lifting gears • work site safety equipment lists • work procedure lists for different step chain driving wheels • work procedure lists for different step chains • work procedure lists for different step chain tension wheels ◆ Effectively use protective barriers or guards to implement and assign safety measures at work sites including: <ul style="list-style-type: none"> • safety preparation works for escalator shutdown • safety precaution works for surrounding • safety works for resumption operation ◆ Effectively use different lifting gears to implement and assign completed lifting work for different step chain driving elements ◆ Effectively use all kinds of tools to implement and assign completed disassembly and assembly work for different step chain driving devices

	<p>6.3 Professionalism in completed disassembly and assembly of step chain driving devices</p> <ul style="list-style-type: none"> ◆ 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 step chain driving devices ◆ 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 step chain driving devices including: <ul style="list-style-type: none"> • long-pitch step chain driving devices • short-pitch step chain driving devices
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to arrange and assign completed inspection, disassembly, assembly and adjustment procedures for escalator step chain driving components systematically and through effective communication; and (ii) Capable to implement completed inspection, disassembly, assembly and adjustment of escalator step chain driving components under general or complicated situations in compliance with the prescribed standards of repair.
<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 step chain driving elements of general escalators.</p>