

1. Title	Maintain steps driving components of escalator
2. Code	EMLEOR326A
3. Range	Arrange and implement the maintenance works of steps driving components of escalators 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 different 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 roller chains • short pitch roller chains ◆ 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 Methods and procedures of maintaining steps driving components</p> <ul style="list-style-type: none"> ◆ Know the repair and maintenance of steps driving components including the procedures of inspection, cleaning, oiling and testing ◆ Know the repair and maintenance of different steps driving elements including: <ul style="list-style-type: none"> • driving wheels • driving chains • tension wheels of the driving chains • safety switch ◆ Arrange and implement maintenance instructions for step driving devices ◆ Effectively use repairing and testing instruments and tools <p>6.3 Professionalism in maintaining escalator steps driving components</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to maintain the steps driving components ◆ Understand the requirements of safety guidelines and the code of practice for escalator in order to maintain the steps driving components

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to master the construction and key points of repair and maintenance of escalator steps driving components; (ii) Capable to systematically and effectively complete the repair and maintenance of escalator steps driving components; (iii) Capable to arrange and implement the maintenance instructions for escalator steps driving components; and (iv) Capable to follow manufacturer's maintenance instructions to arrange and implement the maintenance of escalator steps driving components.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of maintaining general escalator steps driving elements.</p>