1. Title	Maintain steps driving components of escalator
2. Code	EMLEOR326A
3. Range	Arrange and implement the maintenance works of steps driving components of escalatorts at field locations.
4. Level	3
5. Credit	3
6. Competency	Performance Requirements
	<ul> <li>6.1 Structure and working principles of escalator steps driving devices</li> <li>Understand the structure and working principles of different step chain driving wheels including: <ul> <li>long pitch step chain driving wheels</li> <li>Understand the structure and working principles of different step chains including:</li> <li>long pitch roller chains</li> <li>short pitch roller chains</li> <li>Understand the structure and working principles of different step chain tension wheels including:</li> <li>long pitch step chain tension wheels</li> </ul> </li> </ul>
	<ul> <li>6.2 Methods and procedures of maintaining steps driving components</li> <li>Know the repair and maintenance of steps driving components including the procedures of inspection, cleaning, oiling and testing</li> <li>Know the repair and maintenance of different steps driving elements including: <ul> <li>driving wheels</li> <li>driving chains</li> <li>tension wheels of the driving chains</li> <li>safety switch</li> </ul> </li> <li>Arrange and implement maintenance instructions for step</li> </ul>
	<ul> <li>6.3 Professionalism in maintaining escalator steps driving components</li> <li>6.3 Professionalism in maintaining escalator steps driving components</li> <li>Follow manufacturer's maintenance instructions to maintain the steps driving components</li> <li>Understand the requirements of safety guidelines and the code of practice for escalator in order to maintain the steps driving components</li> </ul>

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are:
	<ul> <li>(i) Capable to master the construction and key points of repair and maintenance of escalator steps driving components;</li> </ul>
	<ul> <li>(ii) Capable to systematically and effectively complete the repair and maintenance of escalator steps driving components;</li> </ul>
	<ul> <li>(iii) Capable to arrange and implement the maintenance instructions for escalator steps driving components; and</li> </ul>
	<ul> <li>(iv) Capable to follow manufacturer's maintenance instructions to arrange and implement the maintenance of escalator steps driving components.</li> </ul>
8. Remarks	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.