

1. Title	Maintain driving station and return station devices of general escalators
2. Code	EMLEOR226A
3. Range	Maintain driving station and return station devices of escalators 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 driving station and reversing station devices</p> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of general driving station devices including: <ul style="list-style-type: none"> • all the switching systems • lubricating system • driving system • auxiliary braking system ◆ Understand the structure and working principles of general return station devices including: <ul style="list-style-type: none"> • all the switching systems • step chain tension system <p>6.2 Maintenance methods and procedures for escalator driving station and return station</p> <ul style="list-style-type: none"> ◆ Know the repair and maintenance procedures for general driving station and return station devices including: <ul style="list-style-type: none"> • inspection, cleaning and oiling ◆ Know the repair and maintenance of general driving station and return station devices including: <ul style="list-style-type: none"> • all the switching systems such as main power switching device, lighting device, power socket, inspection socket and inspection control button • lubricating system such as free-drip oiler, time-control oiler and pulse-control oiler • driving system such as main driving chains tension device and main broken driven chain device • auxiliary braking system such as auxiliary disc brake and auxiliary ratchet brakes • step chain tension system such as step chain tension device and broken step chain device ◆ Use general repairing and testing instruments and tools effectively <p>6.3 Professionalism in handling escalator driving station and return station devices</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to maintain driving station and return station devices ◆ Understand the requirements of safety guidelines and the code of practice for escalators in order to maintain driving station and reversing station devices

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to systematically and effectively complete the maintenance of general escalator driving station and return station devices; and (ii) Capable to clearly explain the construction and the key points of maintenance of escalator driving station and return station devices.
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 using general repairing and testing instruments and tools.</p>