

1. Title	Distribute escalator mechanical installations and accessories
2. Code	EMLEIN103A
3. Range	Distribute escalator mechanical installations and accessories under supervision at construction sites.
4. Level	1
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Structure and working principles of escalator mechanical installations and mechanical installation packing list</p> <ul style="list-style-type: none"> <li>◆ Understand the structure and working principles of mechanical installations in upper driving machine room including: <ul style="list-style-type: none"> <li>• traction machine</li> <li>• overspeed governor</li> <li>• auxiliary brakes</li> <li>• upper landing platform</li> <li>• handrail entry box</li> </ul> </li> <li>◆ Understand the structure and working principles of mechanical installations in escalator truss including: <ul style="list-style-type: none"> <li>• handrail system such as handrail driving devices, handrail compensation devices and handrail guide-rails</li> <li>• balustrade such as balustrade exterior panelling, balustrade exterior decking, balustrade interior panelling, balustrade interior decking, skirting, skirt panel deflector devices and any safeguards</li> </ul> </li> <li>◆ Understand the structure and working principles of mechanical installations in lower return station room including: <ul style="list-style-type: none"> <li>• step chain tension device</li> <li>• lower landing platform</li> <li>• handrail entry box</li> </ul> </li> <li>◆ Understand mechanical installation packing list and identify mechanical installations and their accessories including: <ul style="list-style-type: none"> <li>• upper driving station (machine room)</li> <li>• escalator truss</li> <li>• lower return station room</li> </ul> </li> </ul>

	<p>6.2 Distribution of escalator mechanical installations and their accessories</p> <ul style="list-style-type: none"> <li>◆ Apply the mechanical installation packing list to collect and distribute mechanical installations and their accessories including: <ul style="list-style-type: none"> <li>• upper driving machine room e.g. upper landing platform and handrail entry box</li> <li>• handrail system e.g. handrail driving devices, handrail compensation devices and handrail guide rail</li> <li>• balustrade e.g. balustrade such as balustrade exterior panelling, balustrade exterior decking, balustrade interior panelling, balustrade interior decking, skirting, skirt panel deflector devices and any safeguards</li> <li>• lower return station room e.g. lower landing platform and handrail entry box</li> </ul> </li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to collect and distribute mechanical installations and their accessories for escalator upper driving machine room, escalator truss and lower return station room under supervision according to instructions.</p>
8. Remarks	