

1. Title	Maintain suspension ropes and compensating ropes of general lift
2. Code	EMLEOR208A
3. Range	Carry out the maintenance works of suspension ropes (single wrap with roping ration 1:1) and compensation ropes 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 Types, structure and tensile strength of lift suspension ropes</p> <ul style="list-style-type: none"> ◆ Understand the types of general ropes including: <ul style="list-style-type: none"> • ordinary lay suspension ropes • ordinary lay compensating ropes ◆ Understand the structure of general ropes including: <ul style="list-style-type: none"> • fiber core • strands • wires ◆ Understand the tensile strength of general ropes including: <ul style="list-style-type: none"> • single tensile • dual tensile <p>6.2 Maintenance methods and procedures of suspension ropes and compensation ropes</p> <ul style="list-style-type: none"> ◆ Know the repair and maintenance of suspension ropes and compensation ropes and the works include with the procedures of inspection, cleaning and oiling ◆ Know the repair and maintenance of suspension ropes and compensation ropes including : <ul style="list-style-type: none"> • tension adjustment • rope termination devices • rope diameter measurement • rope wear measurement ◆ Use general repairing and testing instruments and tools effectively <p>6.3 Professionalism in maintaining suspension ropes and compensating ropes</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to maintain suspension ropes and compensation ropes ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to maintain suspension ropes and compensating ropes

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to complete the maintenance of suspension ropes and compensation ropes systematically and effectively; and (ii) Capable to clearly explain the types of suspension ropes and compensation ropes and key points of their maintenance.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of using general repairing and testing instruments and tools.