

1. Title	Maintain overspeed governors and safety gears of lifts
2. Code	EMLEOR303A
3. Range	Arrange and implement the maintenance works of lift overspeed governor and safety gear 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 lift overspeed governor and safety gear</p> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of different kinds of overspeed governor including: <ul style="list-style-type: none"> • one-way horizontal centrifugal governor • two-way horizontal centrifugal governor • one-way vertical flyball overspeed governor ◆ Understand the structure and working principles of different kinds of safety gear including: <ul style="list-style-type: none"> • rope gripper • one-way instantaneous type safety gear • one-way instantaneous type safety gear with buffer effect • one-way progressive type safety gear • two-way progressive type safety gear <p>6.2 Methods and procedures of maintaining overspeed governors and safety gears</p> <ul style="list-style-type: none"> ◆ Know the repair and maintenance different overspeed governors and safety gears and the works include the procedures of inspection, cleaning, oiling and testing ◆ Know the repair and maintenance different overspeed governors including: <ul style="list-style-type: none"> • moving parts of overspeed governor • governor bearing • governor electrical switch • safety rope ◆ Know the repair and maintenance different safety gears including: <ul style="list-style-type: none"> • moving part of safety gear • action bar of safety gear ◆ Know the arrangement and implementation of maintenance instructions for lift overspeed governor and safety gear ◆ Enable to effectively operate the maintenance instruments and tools

	<p>6.3 Professionalism in handling overspeed governors and safety gears</p> <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to arrange and implement the maintenance of overspeed governors and safety gears ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to perform overspeed governor and safety gear maintenance
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 different kinds of overspeed governor and safety gear; (ii) Capable to systematically and effectively complete the repair and maintenance of different kinds of overspeed governor and safety gear; (iii) Capable to arrange and implement the maintenance instructions for lift overspeed governors and safety gears; and (iv) Capable to follow manufacturer's maintenance instructions to arrange and implement the maintenance of overspeed governors and safety gears.
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 lift overspeed governor and safety gear installations.</p>