

1. Title	Maintain hydraulic lift jacks
2. Code	EMLEOR311A
3. Range	Arrange and implement the maintenance of the hydraulic jacks of hydraulic lifts 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 the hydraulic jacks of hydraulic lifts</p> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of different kinds of hydraulic jack including: <ul style="list-style-type: none"> • single-acting hydraulic jack • swing-type hydraulic jack <p>6.2 Maintenance methods and procedures for the hydraulic jacks of hydraulic lifts</p> <ul style="list-style-type: none"> ◆ Know the repair and maintenance procedures for different kinds of hydraulic jack including: <ul style="list-style-type: none"> • inspection, cleaning, oiling and testing ◆ Know the repair and maintenance of different kinds of hydraulic jack including: <ul style="list-style-type: none"> • single-acting hydraulic jack piston • single-acting hydraulic jack piston guiding device • single-acting hydraulic jack piston oil seal and packing seal • swing-type hydraulic jack piston • swing-type hydraulic jack piston guiding device • swing-type hydraulic jack piston oil seal and packing seal ◆ Arrange and implement maintenance instructions for the hydraulic jacks of hydraulic lifts ◆ Effectively use repairing and testing instruments and tools <p>6.3 Professionalism in handling the hydraulic jacks of hydraulic lifts</p> <ul style="list-style-type: none"> ◆ Follow manufacturer’s maintenance instructions to arrange and implement hydraulic jack maintenance ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to perform hydraulic jack 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 the hydraulic jacks of hydraulic lifts; (ii) Capable to systematically and effectively complete the repair and maintenance of the hydraulic jacks of hydraulic lifts; (iii) Capable to arrange and implement the maintenance instructions for the hydraulic jacks of hydraulic lifts; and (iv) Capable to follow manufacturer's maintenance instructions to arrange and implement the maintenance of the hydraulic jacks of hydraulic lifts.
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 maintaining the hydraulic jacks of general hydraulic lifts.</p>