

1. Title	Maintain general hydraulic lift jacks
2. Code	EMLEOR211A
3. Range	Carry out the maintenance works of the hydraulic jacks of hydraulic lifts (single-acting) 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 the hydraulic jacks of hydraulic lifts</p> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of general hydraulic jacks including: <ul style="list-style-type: none"> • single-acting hydraulic jacks <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 general hydraulic jacks including: <ul style="list-style-type: none"> • inspection, cleaning and oiling ◆ Know the repair and maintenance of general hydraulic jacks including: <ul style="list-style-type: none"> • single-acting hydraulic jack shell • single-acting hydraulic jack piston • single-acting hydraulic jack piston guiding devices • single-acting hydraulic jack piston oil seal and packing seal • leaked oil collection devices for single-acting hydraulic jacks ◆ Use general repairing and testing instruments and tools effectively <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 maintain hydraulic jacks ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to maintain hydraulic jacks
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to systematically and effectively complete the maintenance of the hydraulic jacks of general hydraulic lifts; and</p> <p>(ii) Capable to clearly explain the construction and the key points of maintenance of hydraulic jacks.</p>
8. Remarks	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.