

1. Title	Plan lifting work
2. Code	EMSRIN406A
3. Range	Plan to erect jibs and riggings for ship repairs, or direct cranes to lift and move objects to the positions specified.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Application and operation of lifting appliances</p> <ul style="list-style-type: none"> ◆ Understand application and operation of general lifting appliances, such as offshore cranes, winches, lifeboats hangers and anchor windlasses <p>6.2 Plan to use ship riggings and cranes for lifting</p> <ul style="list-style-type: none"> ◆ Correctly plan the operation procedures of ship lifting appliances, including: <ul style="list-style-type: none"> • Pre-operation safety inspection items (equipment and machinery) • Give appropriate commands when necessary (such as weather or wind and tide change, equipment failures) • Supervise the storage and safe stacking of heavy cargo <p>6.3 Professionalism in planning to use ship riggings and cranes for lifting</p> <ul style="list-style-type: none"> ◆ Instruct others to follow relevant codes (such as the code of marine safety) to work ◆ Assess the cargo weight and verify the safe load of machines and tools ◆ Judge the included angle and the safe load of multi-leg slings
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to plan the lifting procedures for ship repairs, including correctly erecting gin poles and laying out riggings, using signals and controlling the lifting operation; and</p> <p>(ii) Capable to use safety inspection lists.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses the knowledge of using general personal safety gear.