

1. Title	Repair and maintain ship-deck installations
2. Code	EMSRRM207A
3. Range	Apply the techniques and knowledge of repairing and maintaining ship-deck installations to repairs and maintenance of deck machinery on board, at repair workshops, dockyard workshops or related work sites, and lifting appliances may be used for relevant tasks.
4. Level	2
5. Credit	8
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Basic knowledge of deck installations</p> <ul style="list-style-type: none"> ◆ Know about the construction and basic working principles of general deck installations, such as: <ul style="list-style-type: none"> • winch and windlass • hatch cover lift on/lift off power units • loading equipment • lifeboat / raft and relevant installations • life-saving equipment • ventilation equipment • gangway elevator • fire-prevention facilities • handrails <p>6.2 Methods and procedures of repairing and maintaining ship deck installations</p> <ul style="list-style-type: none"> ◆ Follow instructions to repair deck machinery ◆ Effectively use the following types of repair and maintenance tools to implement procedures of maintaining ship-deck installations: <ul style="list-style-type: none"> • Engine oils or greases • Integrated rope, guide rope and chain • Bolt wench <p>6.3 Professionalism in repairing and maintaining ship deck installations</p> <ul style="list-style-type: none"> ◆ Identify the sections where failures usually occur and preventives against damage ◆ Describe the details of repairs and maintenance clearly
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to perform tasks of repairing and maintaining general ship deck installations; and</p> <p>(ii) Capable to correctly select and use appropriate tools to implement relevant tasks according to repair instructions.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic mechanical knowledge.