

1. Title	Supervise ship painting works for repairs and maintenance	
2. Code	EMSRRM405A	
3. Range	Apply the professional knowledge of hull treating, anti-rusting, anti-corrosion, protection and paints to formulation of work processes and lead workgroups to perform painting tasks, direct and supervise the work to its completion.	
4. Level	4	
5. Credit	3	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Approved and international standards for ship painting works</p> <ul style="list-style-type: none"> ◆ Understand ordinances related to regulations of ship painting works, such as those on work conditions and environmental protection ◆ Understand relevant standards for implementation of painting works ◆ Understand the conditions for anti-corrosion and anti-growth of marine epiphytes on hulls ◆ Understand the specifications of ship paints and the legal content of chemicals stipulated in the legislations on prevention of pollution to marine environment <p>6.2 Methods of supervising and commissioning ship painting works</p> <ul style="list-style-type: none"> ◆ Perform visual observation and monitor relevant ship painting works independently ◆ Use various types of inspection tools to perform relevant tasks ◆ Master common defects in ship painting and assess whether they are acceptable ◆ Correctly understand the difficulties in appropriate execution of work and provide solutions if necessary ◆ Record the surveillance work systematically and prepare for further analysis and supervision <p>6.3 Professionalism in supervising ship painting</p> <ul style="list-style-type: none"> ◆ Supervise general ship painting works and test the quality according to approved practice and processes ◆ Supervise the implementation of painting work according to approved practice and processes and paint manufacturer's instructions ◆ Plan escape routes when working in confined spaces and locations with hazards ◆ Handle the paints left and the containers of paints properly and adopt the following measures: <ul style="list-style-type: none"> • Fire precautions • Maintaining good ventilation • Other relevant preparations 	

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to perform to approved practice and standards for painting works and understand general techniques for coat tests and painting methods; and (ii) Capable to apply the knowledge and techniques of ship painting works effectively and direct and supervise the implementation of works.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of ship painting works (such as EMSRRM305A “Repair and maintain paint coatings of ships” and EMSRRM312A “Aluminium alloy ship painting works”) and understands relevant work processes.</p>