

1. Title	Surface treatment before painting the ship
2. Code	EMSRRM210A
3. Range	Apply the knowledge of metal and non-metal surface treatment to implement general surface treatment procedures before painting the ship; coordinate with other teams to work on the surface treatment projects and be responsible for the work quality of surface treatment.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Surface treatment preparation before painting the ship</p> <ul style="list-style-type: none"> ◆ Investigate and identify different surface treatment preparations such as: <ul style="list-style-type: none"> • Surface corrosion • Surface corrosion with pitting • Derusting and stripping of old surface paint <p>6.2 Surface treatment procedures before painting the ship</p> <ul style="list-style-type: none"> ◆ Safely use relevant tools and mechanical tools to implement surface treatment according to correct working procedures ◆ Implement surface treatment procedures with ultra high pressure water-jet <p>6.3 Professionalism in surface treatment before painting the ship</p> <ul style="list-style-type: none"> ◆ Know about the quality standards for surface treatment such as: <ul style="list-style-type: none"> • Paint supplier's requirements • ISO, BS or SA, ST ◆ Complete the work according to the quality standards for surface treatment
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to perform surface treatment according to approved practice for painting work and relevant standards; and</p> <p>(ii) Capable to understand the quality standards and required techniques for general surface treatment.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of the properties of paints and the painting procedures.