

1. Title	Woodwork and production of glassfibre-reinforced plastic
2. Code	EMSRIN103A
3. Range	Apply the techniques for woodwork and production of glassfibre-reinforced plastic under instruction to assist in ship repairs or works related to general woodwork and laying of glassfibre-reinforced plastic.
4. Level	1
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of timber and glassfibre-reinforced plastic commonly used in ships</p> <ul style="list-style-type: none"> ◆ Identify the types and know the characteristics of timber commonly used <ul style="list-style-type: none"> • Identifying the common flaws of timber • Use of preservatives • Natural and artificial drying methods • Differences of various kinds of plywood ◆ Understand the use and applications of various types of glassfibre-reinforced plastic <p>6.2 Techniques and procedures for woodwork and production of glassfibre-reinforced plastic production</p> <ul style="list-style-type: none"> ◆ Effectively use common hand tools and machinery for woodwork and production of glassfibre-reinforced plastic to assist in: <ul style="list-style-type: none"> • Production and checking of wooden structure including jointing, planning and scribing • Arranging deck timber and keel • Laying glassfibre-reinforced plastic <p>6.3 Professionalism in woodwork and production of glassfibre-reinforced plastic</p> <ul style="list-style-type: none"> ◆ Consider the stress characteristics of timber and the position to be worked on before working on it ◆ Master the basic requirements for laying glassfibre-reinforced plastic
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to assist in implementing production procedures for woodwork; and</p> <p>(ii) Capable to assist in implementing production procedures for glassfibre-reinforced plastic.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of woodwork and assembly.