

1. Title	Install non-metallic ship materials and produce woodwork
2. Code	EMSRIN205A
3. Range	Apply the techniques of woodwork and glass-fibre-reinforced plastic production to implement and plan ship repairs or works related to general woodwork and laying of glass-fibre-reinforced plastic.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Application of commonly-used ship timber and glass-fibre-reinforced plastic</p> <ul style="list-style-type: none"> ◆ Understand the types and characteristics of commonly-used timber <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 usage methods of various types of glass-fibre-reinforced plastic <p>6.2 Techniques and procedures for production of woodwork and glass-fibre-reinforced plastic</p> <ul style="list-style-type: none"> ◆ Correctly select common hand tools and machinery for production of woodwork and glass-fibre-reinforced plastic and effectively carry out: <ul style="list-style-type: none"> ◆ Wooden structure Production and checking, including jointing, planing and scribing of wooden structure • Arranging deck timber and keel • Laying glass-fibre-reinforced plastic <p>6.3 Professionalism in the production of woodwork and glass-fibre-reinforced plastic</p> <ul style="list-style-type: none"> ◆ Analyze the stress characteristics of timber and the position to be worked on before working on it ◆ Point out the requirements for laying glass-fibre-reinforced plastic ◆ Be responsible for the production procedures of woodwork and glass-fibre-reinforced plastic ◆ Check requirements for production of woodwork and glass-fibre-reinforced plastic
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to implement and plan woodwork production procedures; and</p> <p>(ii) Capable to implement and plan glass-reinforced plastic production procedures.</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.