



<b>Qualification 2463</b> <b>Level 2</b> <b>City &amp; Guilds Certificate in Marine Construction System Engineering &amp; Maintenance.</b>  <b>Unit 205</b>	<b>Assessment title</b> <b>Production of External Boat Components</b>  <b>Version</b> <i>(if applicable)</i>
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<b>Deadline date</b>  You must hand the completed assessment in by the above date.	<b>Start date</b>
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<b>Assessment conditions</b>  <b>Location:</b> The assignment will take place in the workshops and classrooms at your centre.  <b>Security of work:</b> During the assignment any unfinished task / work in progress <b>must</b> be kept in a secure environment to avoid damage, theft or possible plagiarism.  <b>Supervision:</b> The tasks will be carried out under supervised conditions in the presence of your supervisor, assessor or instructor.
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### Assessment Composition

Task	Evidence	Unit coverage (LO & AC references)	Grading ref
1a	Sources of information	1.1	pass / merit / distinction
1b	Method statement / sequence of operations	1.3	pass / merit / distinction
1b	Risk assessment	3.1	pass / merit / distinction
1c	List PPE	3.1	pass / merit / distinction
1d	Cutting list	1.4, 2.4	pass / merit / distinction
1e	Set of patterns and templates.	1.6, 2.3	pass / merit / distinction
1f	Quality checklist	1.1, 1.3	pass / merit / distinction
2a	Component material	2.3, 2.4	pass / merit / distinction
2b	Cut and prepped joints/mating faces	2.4, 2.5, 2.6	pass / merit / distinction
2c	Assembled shaft and blade components	2.1, 3.2, 3.4, 3.5, 3.7	pass / merit / distinction
2d	Shaped, profiled and finished oar	2.4, 2.5, 2.7, 2.8	pass / merit / distinction

2e	Finished product complying with Quality Checklist in 1f	1.1, 1.3, 1.6, 3 7	pass / merit / distinction
3a	Underpinning knowledge test of all assessment outcomes.	All	pass / merit / distinction

**Health and Safety**

You must always work safely, in particular while you are carrying out practical tasks. You must always follow any Health & Safety regulations and codes of practice relevant to your work. If your assessor observes you working in a way that is unsafe for yourself or others, they will ask you to stop immediately, and tell you why. Your assessor will not be able to reassess you until they are sure you are ready for assessment and can work safely.

**Plagiarism**

It is your qualification, so it must be your own work. Your assessor must be able to identify which work you have done yourself, and what you have found from other sources. It is therefore important to make sure you acknowledge all of your sources. Your assessor can show you how to do this for the assessment you are doing.

**Notes to candidates:**

- This assessment has been written to make sure you have the opportunity to show that you have met the learning outcomes of the unit.
- You will be marked against the assessment criteria of the unit and the grading criteria for the qualification. You should read these carefully before you start so you know what you need to do.
- You should make sure that you do your best in the assessment so that the evidence you hand in shows your best performance for this unit.
- You may ask your assessor for help in understanding the tasks, but all of the work you hand in must be your own work.
- If you have a good reason for needing more time, you will need to explain the reasons to your assessor and agree a new deadline date. Changes to dates will be at the discretion of the assessor, and the centre may not mark work that is handed in after the agreed deadlines.

**Scenario/context**  
 You are being asked to produce a flat-bladed oar to the drawing and specification provided. This assignment has been designed for you to demonstrate the knowledge, understanding and skills required to carry out a sequence of wood-working operations using a range of hand tools, power tools and machinery.

**Task 1:**

- Read the drawings and specifications you have been provided with.
- Produce a method statement and sequence of operations (including risk assessment).
- Produce a list of the Personal Protective Equipment (PPE).
- Produce a cutting list including the types of materials you will be using.
- Produce a list of tools and equipment that will be used.
- Produce a set and profile templates of the blade as indicated at a, b, c, d, & f on the drawing.
- Quality checklist for finished component.

**Evidence to be handed in:**

- Drawings and specifications (including any amendments)
- Method statement
- Sequence of operations
- Risk assessment
- List of Personal Protective Equipment (PPE)
- Cutting/material list
- List of hand tools, equipment and adhesive to be used
- Profile templates

**Task 2:**

Produce the flat-bladed oar using prepared timber cut tapers and glue wings using appropriate tools, adhesives and finishes that meet the drawings, specifications and cutting list prepared in task 1.

Please keep the work area tidy and free from obstruction and hazards throughout the tasks.

You will need to:

- a. Mark out material as per your method statement and cutting list.
- b. Cut and prep joints/mating faces required using the tools and methods stated.
- c. Carry out assembly of shaft and blade components using selected tools and adhesives.
- d. Shape, loom and blade to specification, sand down and coat with protective finish.
- e. Carry out checking of the assembly to ensure it complies with specification and drawings.

**Evidence to be handed in:**

- Observation record for finished oar and other relevant evidence such as photographs, sketches or templates.

**Task 3:**

Complete an underpinning knowledge and assessment test, which **must** be carried out in a supervised environment and cannot be completed as homework.

**Now make sure you have:**

- Completed the front sheet correctly for all of your written work including the declaration of authenticity
- Labelled any loose sheets or products carefully with your name, date and qualification/assessment titles.



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