

## Purpose statement

The following purpose statement is for the City & Guilds Level 3 Diploma in Marine Engineering 603/4726/0

Area	Description
OVERVIEW	
What does this qualification cover?	<p>Marine engineers work on boats including yachts, commercial craft and superyachts. They install, maintain, find faults and repair marine engines, ancillary systems and equipment. They are expected to work individually and in teams. They are good communicators and problem solvers.</p> <p>Typical work involves:</p> <ul style="list-style-type: none"> <li>• commissioning and testing boat systems</li> <li>• designing and producing solutions to meet boat layouts</li> <li>• restrictions and engineering requirements or producing boat engineering systems.</li> <li>• They comply with organisational and statutory health and safety, sustainability requirements and can work with minimum supervision.</li> </ul> <p>Key Skills you will gain:</p> <ul style="list-style-type: none"> <li>• respond appropriately to customer needs (internal and external)</li> <li>• planning and setting up projects</li> <li>• work methods, including using specialist equipment and minimising hazards and risks</li> <li>• Install and maintain marine engines and marine ancillary systems and components</li> <li>• Support commission of the boat, test and sea trials.</li> </ul> <p>This qualification is aimed at learners aged 16 and above who would like to gain the advanced competency, knowledge and skills required during their training to become a marine engineer either as part of the development phase of their apprenticeship, or as full time students.</p> <p>To achieve the Level 3 Diploma in Marine Engineering (Advanced) learners must achieve all mandatory units:</p> <ul style="list-style-type: none"> <li>• 203 - Business improvement techniques</li> <li>• 351 Safe and effective working in the marine industry (marine engineering)</li> <li>• 352 Principles of marine construction and components</li> <li>• 353 Installation and repair of vessel services</li> <li>• 354 Installation, fault diagnosis and repair of marine engines</li> <li>• 355 Installation and repair of marine propulsion systems</li> </ul>

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## WHAT COULD THIS QUALIFICATION LEAD TO?

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Why choose this qualification over similar qualifications?

The qualification can be studied full time in college or as part of an apprenticeship.

Upon completion of this qualification, learners will be equipped with the level of competence required to progress into the end point assessment of their apprenticeship to become a marine engineer.

On successful completion of the whole apprenticeship standard, learners will be recognised by the Institute of Marine Engineering, Science and Technology (IMarEST) at 'Engineering Technician' level.

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Alternatives routes to achieve the same outcome?

The City & Guilds Level 3 Diploma in Marine Engineering 603/4726/0 (2473-13) qualification is available as part of the development phase of the apprenticeship standard.

The qualifications can be used for full-time students who would like to gain the knowledge and skills to progress into further training to become a marine engineer.

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How this qualification supports the identified outcome(s)?

This qualification allows you to learn, develop and demonstrate the skills and knowledge required for employment and/or career progression in Marine Engineering.

This qualification has been developed to be included within the Advanced phase of the new Apprenticeship Standard for marine engineers.

The qualification will also be included in the SASW Frameworks for apprenticeships delivered in Wales. The qualification can also be used for full time students who would like to gain the advanced knowledge and skills that will enable them to progress into further training to become a marine engineer.

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## WHO SUPPORTS THIS QUALIFICATION?

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Employer/Higher Education Institutions

This qualification has been developed in collaboration with the marine engineering employer group which is led by Berthon Boat Company (chair), Broom Boats, English Harbour Yachts, Fairline Boats, Golden Arrow, Goodchild Marine, Green Marine, Hamble Yacht Services, RNLI, Pendennis Shipyard, Princess Yachts, Pioneer Sailing Trust, Sunseeker International, Windboats and the British Marine Federation.

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Further information

Further information on the qualification content and assessment is available on the 2473 webpage on the City & Guilds website [www.cityandguilds.com](http://www.cityandguilds.com)

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