

NATIONAL CERTIFICATE IN BOATBUILDING INTERIOR MARINE PAINTING (Level 3)

141 CREDITS Version 2

An apprentice completing this NZQA registered qualification will gain the knowledge and skills required to be Marine Industry recognized and qualified as a competent **Interior Marine Painter**.

This qualification is designed for apprentices who specialise in interior marine painting, rather than the actual building of boats.

In this qualification, apprentices gain a general knowledge of the Marine Industry, learn about the correct preparation of boats for interior painting, gain a detailed knowledge of the materials involved and learn general painting skills from surface preparation through to the application of finish coats. Apprentices also learn about the different types of paint systems and the methods of applying them.

Guests and owners become very aware of the quality of the interior of the boats they spend time on. This quality is the responsibility of interior marine painters who need to know how to prepare (and in some cases repair) interior furniture and surfaces.

Once surfaces are prepared, paint systems and clear marine finishes can be rolled, brushed or sprayed on. The overall appearance of the interior of a boat will depend on the skill of the interior marine painters who worked on it.

This qualification takes on average 2 to 2.5 years to complete.



New qualification introduced 2010

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Unit Standard Content

Unit Number	Unit Title	Level	Credit Value
414	Demonstrate knowledge of the distribution environment	2	4
1073	Describe, select, use, and maintain paint brushes	2	8
2208	Select and mix stain for application to furniture surfaces	3	8
6401	Provide first aid	2	1
6402	Provide resuscitation level 2	1	1
9913	Demonstrate knowledge of the New Zealand marine industry	2	3
11787	Prepare wooden substrates for marine surface coatings	4	5
17740	Rectify faults in furniture surfaces for furniture finishing	2	4
18158	Select, use and care for hand tools used in boatbuilding	2	5
18159	Select, use and care for portable power tools used in boatbuilding	2	5
18161	Perform measurements and calculations used in boatbuilding	2	5
18163	Demonstrate knowledge of boatbuilding construction drawings and produce related freehand sketches	3	2
18166	Participate in a project team in the boating industry	2	4
23041	Demonstrate knowledge of abrasives and equipment used in marine painting	3	3
23042	Demonstrate knowledge of substrate preparation for marine painting	3	4
23044	Demonstrate knowledge of marine paint technology	3	5
23045	Demonstrate knowledge of paint system calculations for marine paint	4	4
23046	Demonstrate knowledge of marine paint systems application	3	4
23047	Demonstrate knowledge of clear marine finishes and application	3	4
23048	Demonstrate knowledge of marine paint finish problems	4	3
23243	Identify and explain the causes and prevention of material deterioration in the marine environment	4	8
23244	Identify and apply health and safety procedures for the boatbuilding industry	3	4
25114	Mask and protect boats for painting	3	4
25154	Prepare for and apply a marine interior coating system	4	8
25343	Identify boat fittings and fastenings	2	4
25344	Demonstrate knowledge of marine trades and expectations of employees	2	3
25345	Demonstrate knowledge of terminology used in the marine industry	2	6
25527	Set up and maintain conventional spray equipment for furniture finishing	3	6
25528	Set up and maintain air-assisted spray equipment for furniture finishing	3	5
25998	Demonstrate knowledge of marine paint system repair	3	5
26542	Demonstrate basic knowledge of the operation of recreational craft by day	2	6