

Field Manufacturing**Review of *Boating Industries and Composites* unit standards**

Subfield	Domain	ID
Boating Industries	Boatbuilding	9944, 9949, 23047, 23243, 25117, 25118
Composites	Production Composites	3186

The NZ Marine and Composites Industry Training Organisation has completed the review of the unit standards listed above.

Date new versions published

October 2018

Planned review date

December 2023

Summary

NZ Marine and Composites ITO carried out a review to better align these unit standards to the graduate outcomes of the New Zealand qualifications relating to the marine and composites industry and also to reflect the new health and safety legislation. Industry and subject matter experts provided feedback and input into the review of these unit standards. Consultation with consent to assess holders was carried out by email.

Main changes

- Unit standard titles and content have been updated to better reflect the standard outcomes.
- Guidance Information has been updated to reflect changes in legislation.
- Credit value for unit standard 23047 increased from 4 to 8 to better reflect the learning and assessment time.

The last date for assessment of superseded versions of Category B unit standards is December 2020

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Manufacturing > Boating Industries > Boatbuilding

ID	Title	Level	Credit	Review Category
9944	Describe the characteristics of aluminium alloy relevant to boatbuilding Describe the properties and uses of aluminium alloys in boatbuilding	2	4	B

ID	Title	Level	Credit	Review Category
9949	Describe the characteristics of steel relevant to boatbuilding Describe the properties and uses of steel in boatbuilding	2	4	B
23047	Demonstrate knowledge of clear marine finishes and application Demonstrate knowledge of marine clear finish systems and application	3	4 8	B
23243	Identify and explain the causes and prevention of material deterioration in the marine environment Explain the causes and prevention of material deterioration in the marine environment	4	10	B
25117	Demonstrate knowledge of timber used in boatbuilding	3	4	B
25118	Demonstrate knowledge of adhesives used in a marine or composites workplace	3	5	B

Manufacturing > Composites > Production Composites

ID	Title	Level	Credit	Review Category
3186	Finish product to specification for composites Finish composite products to specification	3	5	B