Field Manufacturing

Review of Boatbuilding unit standards

Subfield	Domain	ID
Boating Industries	Boatbuilding	11778, 11781

The NZ Marine and Composites ITO has completed the review of the unit standards listed above.

Date new versions published

December 2017

Planned review date

December 2022

Summary

NZ Marine and Composites ITO carried out a review to better align the above unit standards to the graduate outcomes of the New Zealand Certificate in Marine Systems (Level 4) with strands in Systems Engineering, and Electrical- Electronic [Ref: 3124], and the New Zealand Certificate in Trailer Boat Rigging and Servicing (Level 4) [Ref: 3189], and also to reflect the new health and safety legislation. As a result of this review, new unit standards were developed. Industry and subject matter experts provided feedback and input into the development of these unit standards.

Main changes

- Unit standard content was updated.
- Guidance Information was updated to reflect the changes in legislation.
- 12 new unit standards were developed.

The last date for assessment of superseded versions of Category B unit standards is 31 December 2019

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

All changes are in **bold**.

Ke	Key to review category				
Α	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number				
В	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number				
С	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
11778	Install and test custom power plants and power trains	4	20	В
11781	Preserve and evaluate a previously-submerged power plant	4	3	В

ID	Title	Level	Credit	Review Category
30769	Dismantle, inspect, assemble and test complex marine system components	4	20	New
30770	Dismantle, inspect, assemble and test simple marine system components	3	10	New
30771	Demonstrate knowledge of forced air intake systems on a marine engine	3	4	New
30772	Demonstrate knowledge of a marine diesel fuel system	2	2	New
30773	Inspect and test air intake and exhaust systems of a marine diesel engine	4	5	New
30774	Interpret installation plan and marine engineering drawings	4	5	New
30775	Manually produce and interpret marine system engineering sketches	3	5	New
30776	Perform servicing tasks on a marine diesel fuel system	4	2	New
30777	Produce marine components by performing engineering drilling operations	3	5	New
30778	Produce marine components by performing engineering turning operations	4	12	New
30779	Weld metal boat components in all positions	4	10	New
30780	Weld metal boat components in common pipe welding positions	4	15	New