

Main changes resulting from the review

- This review contains 17 unit standards in total:
 - 13 new unit standards to meet the specific requirements of the production trailer boat sector of the marine industry.
 - 3 new unit standards (23241, 23242, and 23243, replacing existing unit standards) which are common across all the boatbuilding strands.
 - 1 new unit standard (23244) also common across all strands.

All of these unit standards are in the boatbuilding domain.

- New unit standard 23243 in the Boatbuilding domain replaces unit standards 9915 and 9916 in the Marine Sales and Services domain.
- New unit standard 23241 replaces 10837, 10838, and 10842, and new unit standard 23242 replaces unit standards 10839 and 10840.
- Titles have been amended to reflect content more clearly.
- Purpose statements have been amended to reflect new content.
- Special notes have been amended for consistency and to clarify range statements.
- Elements and performance criteria have been added or deleted to better reflect the skills and knowledge required by industry. Amendments have been made to improve assessability.
- Range statements have been adjusted to clarify evidence requirements.

Unit standards categorised as category C expire at the end of December 2009.

Impact on existing provider accreditations

Current Accreditation for			Accreditation extended to		
Nature of accreditation	Classification or Id	Level	Nature of accreditation	Classification or Id	Level
Domain	Marine Sales and Service	2 4	Standard	23243	4
Standard	10837, 10838	3	Standard	23241	4
Standard	10839	3	Standard	23242	4
Standard	9915	2	Standard	23243	4
Standard	9916	4	Standard	23243	4

Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0136 has been updated to reflect the changes made to the standards.

Impact on existing qualifications

Qualifications that contain the reviewed standards or classifications are tabled below.

Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following BITO qualifications are affected by the outcome of this review and are currently being reviewed.

Qualification title	Standard in the qualification
National Certificate in Boatbuilding (Marine Electrical and Electronic Installation (Level 3) [Ref: 0930]	9915
National Certificate in Boatbuilding with strands in Marine Cabinetmaking, Composite Sparmaking, Alloy Boatbuilding, Marine Rigging, Marine Painting, Composite Boatbuilding, Steel Boatbuilding, Wooden Boatbuilding, Marine Systems Engineering, and Metal Sparmaking [Ref: 0877]	9915, 9916, 10837-10840, 10842
National Certificate in Marine Sales and Services (Boat Sales and Brokerage) (Level 4) [Ref: 0550]	9915

The following qualifications are affected by the outcome of this review. The standard setting bodies (SSBs) have been advised that they require revision.

Qualification title	Standard in the qualification	SSB Name
National Certificate in Motor Industry (Trailer Boat Systems Engineering) (Level 3) [Ref: 0698]	9915	NZ Motor Industry Training Organisation
National Certificate in Motor Industry (Trailer Boat Systems Engineering) (Level 4) [Ref: 0699]	9916	NZ Motor Industry Training Organisation

Summary of main changes to standards' Ids, classification, titles, levels, 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

Subfield Boating Industries

Id	Domain	Title	Level	Credit	Review Category
9915 and	Marine Sales and Services	Identify and explain causes of material deterioration in the marine environment	2	2	C
9916	Marine Sales and Services	Recommend measures to prevent material deterioration in the marine environment	4	4	C
23243	Boatbuilding	Identify and explain the causes and prevention of material deterioration in the marine environment	4	8	

Subfield Boating Industries
Domain Boatbuilding

Id	Title	Level	Credit	Review Category
10837	Prepare a lofting floor for boatbuilding	3	4	C
10838	Draw full sized hulls from corrected offsets under supervision	3	4	C
and 10842	Produce fair lines for boatbuilding from uncorrected offsets	5	10	C
23241	Loft a boat hull	4	10	
10839	Draw full sized decks and superstructures from corrected offsets under supervision	3	6	C
and 10840	Draw full sized hulls, decks, and superstructures from corrected offsets	4	3	C
23242	Loft full sized decks and superstructures	4	6	
23244	Identify and apply health and safety procedures for the boatbuilding industry	3	4	New
23245	Fit hatches, windscreens, and screen rails on production trailer boats	3	3	New
23246	Apply linings and floor coverings on production trailer boats	3	3	New
23247	Describe upholstery applications on production trailer boats	3	3	New
23248	Detail production trailer boats	3	3	New
23249	Fit electrical systems to production trailer boats	3	3	New
23250	Describe production trailer boat support and transport requirements	3	3	New
23251	Demonstrate knowledge of production processes used in trailer boat building	3	8	New
23252	Demonstrate knowledge of production trailer boat design	4	4	New
23253	Join composite production trailer boat hulls and decks	4	4	New
23254	Restore and repair gelcoat on production trailer boats	4	4	New
23255	Install an outboard motor on a production trailer boat	4	3	New
23256	Demonstrate knowledge of quality control for production trailer boats	4	3	New
23257	Install and describe a production trailer boat fuel system	4	5	New