

FIELD PLANNING AND CONSTRUCTION**Review of *Carpentry* unit standards**

Subfield	Domain	Id
Construction Trades	Carpentry	13037-13049, 13051, 13052, 13054-13056, 13058-13067, 18727-18732, 20889, 20890, 20892, 20893

The Building and Construction Industry Training Organisation has completed the review of the unit standards listed above.

Date new versions published

January 2008

Planned review date

December 2012

Summary of review and consultation process

These unit standards were reviewed as part of the scheduled review process for unit standards in the Carpentry and Carpentry Theory domains, and the National Certificate in Carpentry (Level 4) [Ref: 0016] qualification. Feedback was sought from industry representative groups in a series of forums, comprised of industry focus groups, BCITO internal working parties, and the Carpentry National Advisory Group.

The forums identified a need for the unit standards and qualification to become more relevant to carpenters working in the commercial sector, as many carpenters now do commercial as well as residential work. Changes were required to terminology and legislation to bring the unit standards into line with current industry practice, and in some cases rewording of elements and performance criteria to improve clarity for assessment purposes.

The feedback was collated and drafts of the new unit standards were sent out to these groups for further discussion and endorsement. Final signoff on changes was made by the Carpentry National Advisory Group in June 2007.

Main changes resulting from the review

- Titles of unit standards 13037-13040, 13042, 13045-13047, 13049, 13051-13052, 13056, 13058-13062, 13065-13067, 18727-18728, 18730, 20890, and 20892 were changed to reflect skills covered.
- Unit standards 13044, 13048, 13054, 13055, 13061, 18729 and 18731 were replaced by new unit standards 24396, 24397, 24398, 24399, 24400, 24401, and 24402 respectively, as their outcomes have changed substantially.
- Unit standards 20889 and 20893 have decreased in credits to bring their credit value in line with other unit standards of similar nature.
- A new unit standard, 24365, was developed.
- Changes were made to special notes in all the unit standards, including additions of definitions and ranges, and updating of legislation.
- Elements and performance criteria were changed to meet the roles reflected in the titles, to improve assessability, and for consistency of style across the domain.

Unit standards categorised as category C expire at the end of December 2011.

Impact on existing provider accreditations

Current Accreditation for			Accreditation extended to		
Nature of accreditation	Id	Level	Nature of accreditation	Id	Level
Standard	13054	4	Standard	24398	4

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

In the following tables qualifications that contain unit standards and classifications in both categories are identified in the *Affected* table, with the items that generated the *Affected* status in **bold**.

The following Building and Construction Industry Training Organisation qualification is affected by the outcome of this review and will be reviewed in 2007.

Qualification title	Standard in the qualification
National Certificate in Carpentry (Level 4) [Ref: 0016]	13037-13043, 13044 , 13045-13047, 13048 , 13049, 13051-13052, 13054 , 13055 , 13056, 13058-13060, 13061 , 13062-13067, 18727, 18728, 18729 , 18730, 18731 , 18732

The following Building and Construction Industry Training Organisation qualifications are not materially affected by the changes. They will be updated when they are next reviewed.

Qualification title	Standard in the qualification
National Certificate in Construction (Leading Hand) (Level 4) [Ref: 1130]	13067
National Certificate in Construction (Supervisor) (Level 5) [Ref: 1131]	13067
National Certificate in Concrete Construction with strands in Sitework, Pre-cast Concrete, and Placing and Finishing [Ref: 0732]	13045
National Certificate in Concrete Construction (Specialist) with strands in Sitework, and Pre-cast Concrete [Ref: 0744]	13065

The following qualifications are not materially affected by the changes. The standard setting bodies (SSBs) have been advised that they require revision.

Qualification title	Standard in the qualification	SSB Name
National Certificate in Boatbuilding, (Level 4) with strands in Marine Cabinetmaking, Composite Sparmaking, Alloy Boatbuilding, Marine Rigging, Marine Painting, Composite Boatbuilding, Steel Boatbuilding, Wooden Boatbuilding, Marine Systems Engineering, Metal Sparmaking, Composite Production Trailer Boats, and Alloy Production Trailer Boats [Ref: 0877]	13038, 13059	Boating Industry Training Organisation

Qualification title	Standard in the qualification	SSB Name
National Certificate in Civil Construction Works with strands in Concrete Kerb and Channel; Concrete Work; Culverts and Drainage Systems; Interlocking Paving; Retaining Structures; Road Construction; Road Maintenance; Road Safety Barrier; Roadside Amenities; and Traffic Signage [Ref: 1326]	13062	InfraTrain New Zealand
National Certificate in Locksmithing [Ref: 0452]	13037	Competenz
National Certificate in Glazing (Level 4) [Ref: 1104]	13067	Joinery Industry Training Organisation
National Certificate in Motor Industry (Trailer Boat Systems Engineering) (Level 3) [Ref: 0698]	13037, 13039	NZ Motor Industry Training Organisation
National Certificate in Parks and Recreation (Level 3) with strands in Local Authority Park Ranger, and Parks Contractor [Ref: 1268]	13037, 13039	Sport, Fitness and Recreation Industry Training Organisation

It is not intended that anyone be disadvantaged by this review. BCITO will continue to recognise replaced unit standards from the Carpentry domain, and there is no need for existing holders to 'upgrade'. However, if holders of the replaced standards (identified below) choose to complete a qualification listing the replacement standard, additional assessment will be required. The additional knowledge and skills contained within the replacement unit standard is such that a straightforward exemption would be inappropriate.

Assessment information

For BCITO qualifications, the following arrangements will apply for assessment purposes:

- People who hold credit for standard 13044 can use this as evidence for elements 1 and 3 of standard 24396; but must be assessed against element 2.
- People who hold credit for standard 13054 can use this as evidence for elements 1, 3 and 4 of standard 24398; but must be assessed against element 2.
- People who hold credit for standard 13055 can use this as evidence for elements 1, 2, 3 and 5 of standard 24399; but must be assessed against element 4.

BCITO qualifications will be revised or reviewed to include the following transition arrangements. People who have gained credit for the expiring standards will be exempt from the requirement to gain credit for the replacement standards.

Credit for	Exempt from
13044 and 13048	24396 and 24397
13048	24397
13061	24400
18729	24401
18731	24402

Review Categories and changes to 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

Subfield Construction Trades

Domain Carpentry

Id	Title	Level	Credit	Review Category
13037	Use and maintain carpentry hand tools on site Safely use and maintain carpentry hand tools on site	3	6	B
13038	Use bench saws to machine timber on site Safely use and maintain bench saws to machine timber on site	3	2	B
13039	Use and maintain portable power tools for construction work on site Safely use and maintain portable power tools and attachments for construction work on site	3	8	B
13040	Carry out preliminary work for construction on site Carry out preliminary work and site establishment on a construction site	4	3	B
13041	Set out buildings on site	4	7	B
13042	Take levels on construction sites Set up levelling equipment and take levels on construction sites	4	5	B
13043	Excavate and prepare for footings and slab on ground on site	3	8	B
13044	Construct residential and/or light commercial foundations on site Construct pile foundations on site	3 3	16 16	C
13045	Construct formwork for footings, floors and walls up to 1.2 metres on site Construct formwork for footings, foundations and walls up to 1.2 metres on site	3	12	B
13046	Fabricate and place reinforcing steel on a construction site Fabricate and place reinforcing steel and steel mesh on site	3	5	B
13047	Transport, place, finish and cure concrete on site Receive, transport, place, finish and cure concrete on site	3	7	B
13048 24397	Construct sub-floor framing and flooring on site Construct floor framing and flooring on site	3 3	10 10	C

Id	Title	Level	Credit	Review Category
13049	Construct wall framing on site Set out, cut, assemble and erect timber wall framing on site	4	16	B
13051	Construct timber framed roofs of alternative design Construct timber framed roofs of alternative design on site	4	8	B
13052	Attend to subcontractors on site Attend to construction subcontractors on site	3	4	B
13054 24398	Fix exterior cladding on site Cut, fit and fix exterior cladding on site	4 4	12 16	C
13055 24399	Install exterior and interior joinery on site Install exterior and interior and wet area joinery and fixtures on site	3 3	9 10	C
13056	Install metal roof coverings on site Install metal roof claddings and verify the installation of roof claddings by others on site	4	4	B
13058	Fix interior linings and trim on site Cut, fit and fix interior linings and trim on site	4	10	B
13059	Install building hardware on site Install mechanical fixings and building hardware on site	3	4	B
13060	Construct pole frames and pole platforms on site Construct pole frames or pole platforms on site	4	12	B
13061 24400	Construct exterior timber stairs and ramps on site Construct stairs and ramps on site	3 3	6 6	C
13062	Construct retaining walls Construct retaining walls on site	3	10	B
13063	Attend to and check the construction of concrete masonry structures and paving on site	3	2	B
13064	Use adhesives and sealants on site	4	3	B
13065	Construct high wall, column and beam formwork on site Construct in situ high wall, column and beam falsework and formwork on site	4	16	B
13066	Erect prefabricated beams and components on site Erect and fix prefabricated beams on site	4	4	B
13067	Prepare order lists for a residential or light commercial building on site Prepare order lists for a building on site	4	3	B
18727	Carry out demolition work on site Plan and carry out demolition work on site	4	10	B
18728	Set up proprietary suspended concrete floor systems on site Set up, place and fix proprietary suspended concrete floor systems on site	4	12	B
18729 24401	Install thermal insulation material on site Install thermal insulation materials in buildings on site	4 3	3 1	C

Id	Title	Level	Credit	Review Category
18730	Construct equal pitch gable and hip roof framing on site Set out, cut and erect equal pitch timber gable and hip roof framing on site	4	12	B
18731 24402	Install sound insulation systems on site Install sound control systems in buildings on site	4 4	4 3	C
18732	Erect roof trusses on site Erect timber roof trusses on site	4	8	B
20889	Erect steel wall framing on site Set out and erect steel wall framing on site	4	16 12	B
20890	Fabricate steel wall and roof framing on site Fabricate and assemble steel wall and roof framing on site	4	12	B
20892	Erect steel frame roofs on site Set out and erect steel frame roofs on site	4	12	B
20893	Erect steel frame roof trusses on site	4	16 8	B
24365	Construct substrates for roofing systems on structural steel framework on site	4	8	New