

Field Planning and Construction**Review of *Construction Trades* unit standards**

Subfield	Domain	ID
Construction Trades	Carpentry	21004, 21006-21011, 21013-21015
	Carpentry Theory	21005, 21012

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

Date new versions published

December 2010

Planned review date

December 2015

Summary

This review took place as part of the scheduled review of the National Certificate in Frame and Truss Manufacturing (Level 3) with strands in Frame Manufacture, and Truss Manufacture [Ref: 1124] which includes these unit standards. Feedback was sought from industry representatives in the form of a series of Industry Working Party meetings.

At these meetings, industry representatives decided that the skills and knowledge involved in frame manufacture and truss manufacture are transferable and that people working in the frame and truss manufacturing industry learn to manufacture both frames and trusses as part of their day-to-day work, and will sometimes manufacture frames and trusses from materials other than timber. As a result, the unit standards duplicating these skills and knowledge have been replaced by a newly developed unit standard in order to simplify assessment and recognise transferable skills.

The remainder of these unit standards were updated to meet industry requirements. One unit standard was designated expiring because it no longer met industry requirements; and two new unit standards were developed to meet an identified requirement for assessment of the knowledge and skills related to setting out and assembling wall frames and roof trusses.

Main changes

- Unit standards 21009 and 21013 were replaced by newly developed unit standard 26883.
- Unit standards 21010 and 21014 were replaced by newly developed unit standard 26884.
- The titles of unit standards 21004, 21006, 21007, 21008, and 21011 were updated.
- The level of unit standard 21004 increased from 2 to 3 to reflect the required level of skill and responsibility.
- The credit value of unit standard 21011 increased from 9 to 12, because industry representatives advised that 9 credits were insufficient for the time required for learning and assessment.
- Explanatory notes, outcome statements, and evidence requirements were updated to improve assessability and consistency.

- Unit standard 21012 was designated expiring and will not be replaced.
- Two new unit standards, 26885 and 26886, were developed.

Category C and D unit standards will expire at the end of December 2012.

Impact on existing accreditations

Current Accreditation for			Accreditation extended to		
Nature of accreditation	Classification or ID	Level	Nature of accreditation	ID	Level
Domain	Carpentry	2	Standard	21004	3

Impact on registered qualifications

Key to type of impact	
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 Building and Construction Industry Training Organisation qualification is impacted by the outcome of this review and will be updated when it is reviewed in 2011. The standards that generated the *Affected* status are listed in **bold**.

Ref	Qualification Title	Classification or ID
1124	National Certificate in Frame and Truss Manufacturing (Level 3) with strands in Frame Manufacture, and Truss Manufacture	21004 , 21006–21008, 21009–21014 , 21015

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

Planning and Construction > Construction Trades > Carpentry

ID	Title	Level	Credit	Review Category
21004	Make up orders for materials used to manufacture prefabricated timber frames and trusses	2	3	B
	Make up orders for materials used to manufacture prefabricated frames and trusses	3		
21006	Use and maintain a framing nail gun	3	3	B
	Use and maintain a power-assisted fastening tool for frame and truss manufacture			

ID	Title	Level	Credit	Review Category
21007	Use and maintain a wall frame nailing machine Use and maintain a wall frame assembly machine	3	3	B
21008	Manually set out and mark timber framing plates for fabrication from computer-generated data Manually set out and mark timber framing plates for fabrication from shop drawings	3	4	B
21009	Demonstrate knowledge of and use computer-controlled timber roof truss component cutting machinery	3	6	C
21013	Demonstrate knowledge of and use computer-controlled timber wall framing component cutting machinery	3	6	C
26883	Demonstrate knowledge of and use computer-controlled wall frame and roof truss component cutting machinery	3	6	
21010	Produce timber truss components by interpreting drawings and lists and using manually operated saws	4	9	C
21014	Produce timber frame components by interpreting drawings and lists and using manually operated saws	3	8	C
26884	Produce wall frame and roof truss components by interpreting drawings and lists and using manually operated saws	3	8	
21011	Assemble timber roof trusses in a controlled environment Assemble roof trusses in a controlled environment	3	9 12	B
21015	Assemble timber wall frames in a controlled environment Assemble wall frames in a controlled environment	3	8	B

Planning and Construction > Construction Trades > Carpentry Theory

ID	Title	Level	Credit	Review Category
21005	Demonstrate knowledge of, and package and stack, prefabricated timber products	2	2	B
21012	Describe timber wall framing and components	2	1	D
26885	Demonstrate knowledge of setting out and assembling roof trusses in a controlled environment	3	8	New
26886	Demonstrate knowledge of setting out and assembling wall frames in a controlled environment	3	5	New