

Field Agriculture, Forestry and Fisheries**Review of *Forestry* unit standards**

Subfield	Domain	ID
Forestry	Forest Cable Harvesting	19722
	Forest Operations Advanced	1142
	Forestry Knowledge	1145, 1146, 1227
	Machine Operations - Forestry	24568

The Forest Industries Training and Education Council (FITEC) has completed the review of the unit standards listed above.

Date new versions published

April 2013

Planned review date

December 2017

Summary

This review was prompted by the mandatory review of forestry qualifications in 2012. All relevant stakeholders were consulted through meetings held for the forestry qualification review process. The current and future skill and knowledge requirements of the industry were reviewed. The findings from the forestry qualification review informed the review of these unit standards. Where gaps in skill and knowledge requirements were identified, new unit standards were developed. Industry subject matter experts were consulted on the changes made to the unit standards above as well as the new standards, and have endorsed the unit standards in this review.

Main changes

- The credit value of unit standards 1145 and 1146 has been increased to 5 to better reflect the amount of learning required to meet the outcomes.
- The classification of unit standard 19722 has been changed to *Forest Harvesting Operations* because the *Forest Cable Harvesting* domain has been designated expiring.
- Explanatory notes have been updated for consistency with other FITEC unit standards.
- Outcomes, evidence requirements and range statements have been amended to clarify meaning, and to ensure consistency with other FITEC unit standards.
- Unit standards 27964 and 27965 were developed to fill gaps in skills and knowledge in the operation of forest industry machines as well as to meet an education pathway to qualifications at Level 4 as identified in the TRoQ process.
- Unit standard 27963 was developed to fill a gap in knowledge of establishment and silvicultural operations at Level 2.
- Unit standard 27966 was developed to cater to the needs of a new target audience. People who enter the forest on an infrequent basis or in operational support roles will complete this unit standard.
- The last date for assessment of previous versions was amended to December 2014, with the exception of 24568 which has a last date for assessment of December 2013 for version 1.

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 FITEC qualifications are impacted by the outcome of this review. These qualifications were reviewed in 2012 through the mandatory review of forestry qualifications and will be replaced. It is intended that these qualifications will expire at the end of 2015. The standards that generated the status *Affected* are listed in **bold**.

Ref	Qualification Title	Classification or ID
0834	National Certificate in Forestry (Operations Management)	1145, 1146
1009	National Certificate in Forestry (Investment in Commercial Forestry) (Level 5)	1145, 1146
1411	National Certificate in Forest Operations (Level 3) with strands in Establishment, Pruning, Thinning to Waste (Small Trees), Thinning to Waste (Large Trees), Tree Felling - Basic Techniques, Thinning for Extraction, Breaking Out for Ground Based Harvesting, Breaking Out for Cable Harvesting, Landing Operations, and Mensuration	1227
1412	National Certificate in Forest Operations Advanced (Level 4) with strands in Establishment and Silvicultural Operations Management, Production Tree Felling, Hauler Set-Up, Machine Operations - Hauler, Head Breaker Out - Cable Harvesting, Log Making, Machine Operations - Log Extraction, Machine Operations - Loader, Mechanised Tree Felling, Mechanised Processing, Helicopter Logging, and Inventory	1145, 1146
1614	National Certificate in Forest Operations Management (Senior Crew Manager) (Level 5)	1145, 1146

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

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

Agriculture, Forestry and Fisheries > Forestry > Forest Cable Harvesting

Agriculture, Forestry and Fisheries > Forestry > Forest Harvesting Operations

ID	Title	Level	Credit	Review Category
19722	Inspect forest cable yarder and associated components	5	20	B

Agriculture, Forestry and Fisheries > Forestry > Forest Operations Advanced

ID	Title	Level	Credit	Review Category
1142	Demonstrate knowledge of log distribution in New Zealand for commercial forestry operations	4	5	B

Agriculture, Forestry and Fisheries > Forestry > Forestry Knowledge

ID	Title	Level	Credit	Review Category
1145	Demonstrate knowledge of environmental legislation affecting commercial forestry	5	2 5	B
1146	Demonstrate knowledge of health and safety legislation affecting commercial forestry	5	2 5	B
1227	Demonstrate knowledge of plantation forest harvesting	2	3	B
27963	Demonstrate foundation knowledge of plantation forest establishment and silvicultural operations	2	5	New

Agriculture, Forestry and Fisheries > Forestry > Machine Operations - Forestry

ID	Title	Level	Credit	Review Category
24568	Undertake basic repairs on commercial forest industry machines Demonstrate knowledge of, and undertake, basic repairs and maintenance on a forest industry machine	3	5 10	B
27964	Demonstrate knowledge of forest industry machines	3	5	New
27965	Operate a forest industry machine	3	10	New

Agriculture, Forestry and Fisheries > Forestry > Non Commercial Forestry Skills

ID	Title	Level	Credit	Review Category
27966	Demonstrate knowledge of general safety requirements for forest entry	2	3	New