

Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0181 has been replaced by AMAP 0188.

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	Total Productive Manufacturing	Any	Domain	Competitive Manufacturing	Existing
Standard	19718	2	Standard	21501	2

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

The following FITEC qualifications are affected by the outcome of this review and will be revised/reviewed in 2006.

Qualification title	Classification or standard in the qualification
National Certificate in Total Productive Manufacturing (Level 3) [Ref: 0943]	18933, 18934, 18936, 18937
National Certificate in Tissue Converting (Level 2) [Ref: 0650]	Total Productive Manufacturing, 18933
National Certificate in Tissue Converting (Level 3) [Ref: 0651]	Total Productive Manufacturing, 18936
National Certificate in Tissue Converting (Level 4) [Ref: 0652]	Total Productive Manufacturing, 18937
National Certificate in Pulp and Paper Manufacturing (Level 2) [Ref: 0237]	Total Productive Manufacturing
National Certificate in Pulp and Paper Manufacturing (Level 3) [Ref: 0238]	Total Productive Manufacturing
National Certificate in Pulp and Paper Manufacturing (Level 4) [Ref: 0239]	Total Productive Manufacturing
National Certificate in Solid Wood Processing (Level 2) [Ref: 0807]	Total Productive Manufacturing
National Certificate in Solid Wood Processing (Level 3) [Ref: 0808]	Total Productive Manufacturing
National Certificate in Solid Wood Processing (Level 4) with strands in Sawmilling, Timber Grading, Timber Yarding, Wood Drying and Wood Preservation [Ref: 0809]	Total Productive Manufacturing
National Certificate in Wood Panels Manufacturing (Level 2) [Ref: 0433]	Total Productive Manufacturing
National Certificate in Wood Panels Manufacturing (Level 4) [Ref: 0254]	Total Productive Manufacturing
National Certificate in Wood Product Manufacturing (Level 2) [Ref: 0814]	Total Productive Manufacturing
National Certificate in Wood Product Manufacturing (Level 3) [Ref: 0815]	Total Productive Manufacturing
National Certificate in Wood Product Manufacturing (Level 4) [Ref: 0816]	Total Productive Manufacturing

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

Qualification title	Classification or standard in the qualification	SSB Name
National Certificate in Dairy Manufacturing (Process Skills) (Level 2) [Ref: 1042]	19718	NZITO
National Certificate in Dairy Manufacturing (Process Skills) (Level 3) with optional strands in Performance Improvement, and Product Safety [Ref: 1043]	Total Productive Manufacturing	
National Certificate in Occupational Health and Safety (Workplace Safety) (Level 3) [Ref: 0801]	Total Productive Manufacturing	
National Certificate in Printing (Direct Mail Production) (Level 4) [Ref: 1129]	Total Productive Manufacturing	PAITC

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

The following summary shows the changes made to the standards as a result of the review. All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the replacement standard carries the same Id and a new version number
B	Changes made, but the overall outcome remains the same - the replacement 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 Manufacturing Skills
 Domain Total Productive Manufacturing
Competitive Manufacturing

Id	Title	Level	Credit	Review Category
18933 21508	Apply work area management concepts Apply 5S procedures in a competitive manufacturing organisation	3 3	5 5	C
18934	Improve and maintain basic equipment condition	3	10	D
18935	Explain fundamental concepts and principles of Total Productive Manufacturing (TPM) Explain principles of TPM used in a competitive manufacturing organisation	3	10	B
18936	Establish basic equipment condition	3	5	D
18937	Complete rapid changeover for Total Productive Manufacturing (TPM)	4	8	D
18938	Analyse production and record data to improve equipment performance	3	5	D
19718 21501	Maintain a work area on a manufacturing site. Apply competitive manufacturing practices in a competitive manufacturing organisation	2 2	3 5	C

List of new Competitive Manufacturing standards

Subfield Manufacturing Skills
Domain **Competitive Manufacturing**

Id	Title	Level	Credit
21502	Sustain process improvements in a competitive manufacturing organisation	3	3
21503	Manage the impact of change on own work in a competitive manufacturing organisation	3	3
21504	Apply quick changeover procedures in a competitive manufacturing organisation	2	5
21505	Apply Just in Time (JIT) procedures in a competitive manufacturing organisation	2	5
21506	Apply cost factors to work practices in a competitive manufacturing organisation	2	5
21507	Interpret product costs in a competitive manufacturing organisation	3	5
21509	Monitor process capability using three or six sigma in a competitive manufacturing organisation	3	10
21510	Complete quality control tests and record results in a competitive manufacturing organisation	3	5
21511	Use planning software systems in a competitive manufacturing organisation	2	3
21512	Use System Control and Data Acquisition (SCADA) systems in a competitive manufacturing organisation	2	3
21513	Use sustainable energy practices in a competitive manufacturing organisation	3	5
21514	Use sustainable environmental practices in a competitive manufacturing organisation	3	5
21515	Undertake root cause analysis in a competitive manufacturing organisation	3	5
21516	Contribute to a proactive maintenance strategy in a competitive manufacturing organisation	3	5
21517	Implement a competitive manufacturing system in a competitive manufacturing organisation	4	10
21518	Ensure process improvements are sustained in a competitive manufacturing organisation	4	8
21519	Lead change in a competitive manufacturing organisation	5	8
21520	Facilitate a Just in Time (JIT) system in a competitive manufacturing organisation	4	5
21521	Improve cost factors in work practices in a competitive manufacturing organisation	4	5
21522	Analyse manual handling processes in a competitive manufacturing organisation	3	5
21523	Lead 5S in a competitive manufacturing organisation	4	5
21524	Undertake process capability improvements in a competitive manufacturing organisation	4	10
21525	Mistake proof a production process in a competitive manufacturing organisation	4	5
21526	Facilitate use of planning software systems in a competitive manufacturing organisation	4	8

Id	Title	Level	Credit
21527	Facilitate System Control and Data Acquisition systems in a competitive manufacturing organisation	4	8
21528	Undertake proactive maintenance analyses in a competitive manufacturing organisation	5	8
21529	Assist in implementing a proactive maintenance strategy in a competitive manufacturing organisation	4	8
21530	Analyse and map a value chain in a competitive manufacturing organisation	4	8
21531	Manage a value chain in a competitive manufacturing organisation	5	8
21532	Manage people relationships in a competitive manufacturing organisation	5	15
21533	Develop quick changeover procedures in a competitive manufacturing organisation	5	10
21534	Develop a Just In Time (JIT) system in a competitive manufacturing organisation	5	10
21535	Optimise cost of a product in a competitive manufacturing organisation	5	15
21536	Undertake value analysis of product costs in a competitive manufacturing organisation	5	10
21537	Manage a 5S system in a competitive manufacturing organisation	5	15
21538	Develop the application of enterprise systems in a competitive manufacturing organisation	5	10
21539	Establish information collection requirements in a competitive manufacturing organisation	5	10