

Field Engineering and Technology**Review of *Civil Engineering - Asset Management* unit standards****Existing classification**

Subfield	Domain	ID
Civil Engineering	Civil Engineering - Asset Management	18925-18928, 18930

New classification

Subfield	Domain	ID
Infrastructure Civil Engineering	Infrastructure Asset Management	18925-18928, 18930

InfraTrain New Zealand (InfraTrain) has completed the review of the unit standards listed above.

Date new versions published

March 2011

Planned review date

December 2015

Summary

These unit standards were reviewed in relation to the scheduled review of the National Certificate in Civil Engineering - Asset Management (Competitive Pricing Procedures) [Ref: 1041].

In 2008 the New Zealand Transport Agency reviewed the procedure manual which was the source document for the unit standards. An Industry Advisory Group for the review of the qualification met for several days during 2009-2010. In the course of these meetings changes were determined for the unit standards listed above. Through peer review, feedback, and discussion the unit standards were further refined and their final content agreed.

Additionally, consultation with industry, which included a range of industry moderators, assessors and trainers, advised that the classifications need to better reflect current industry terminology and new interpretations of the description for the areas of knowledge that the existing classifications encompass. As a result the classification of subfields and domains in *Infrastructure Civil Engineering* and *Infrastructure Asset Management* has changed.

Main changes resulting from the review

- The existing classification terminology was found to be no longer fit for purpose. The subfields and domains have changed.
- Changes were made to explanatory notes, outcomes, evidence requirements, and ranges as required, reflecting current good practice and changes to manuals and procedures.

Impact on existing accreditations

Current Accreditation for			Accreditation extended to		
Nature of accreditation	Classification	Level	Nature of accreditation	Classification	Level
Subfield	Civil Engineering	Any	Subfield	Infrastructure Civil Engineering	Same

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 InfraTrain qualification is not materially affected by the outcome of this review and is currently under review itself and will be updated to reflect the new classifications and titles.

Ref	Qualification Title	Standards
1041	National Certificate in Civil Engineering - Asset Management (Competitive Pricing Procedures)	18925-18928, 18930

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

Engineering and Technology > Civil Engineering > Civil Engineering - Asset Management
Engineering and Technology > Infrastructure Civil Engineering > Infrastructure Asset Management

ID	Title	Level	Credit	Review Category
18925	Apply knowledge of conditions of contract in compliance with Competitive Pricing Procedures Demonstrate knowledge of conditions of contract and tendering that comply with NZTA procurement procedures	6	15	B
18926	Compare and select tender evaluation methods in compliance with competitive pricing procedures Describe, compare, and select supplier selection methods using NZTA procurement procedures	6	10	B

ID	Title	Level	Credit	Review Category
18927	Prepare requests for tender that comply with the Competitive Pricing Procedures Manual Prepare requests for proposal using NZTA procurement procedures	6	25	B
18928	Evaluate tenders under Competitive Pricing Procedures Evaluate tenders using NZTA procurement procedures	6	20	B
18930	Apply ethical standards to the evaluation of tenders using competitive pricing procedures Apply ethical standards to the evaluation of tenders using NZTA procurement procedures	6	6	B