

FIELD PLANNING AND CONSTRUCTION**Review of *Concrete Roof Tiling and Roofing* unit standards**

Subfield	Domain	Id
Construction Trades	Concrete Roof Tiling	1685-1692, 1694,1698
Plumbing, Gasfitting and Drainlaying	Roofing	10808-10816

The Plumbing, Gasfitting and Drainlaying ITO Ltd (the ITO) has reviewed the unit standards listed above.

Date new versions published

October 2006

Planned review date

December 2011

Summary of review and consultation process

These unit standards had passed their anticipated expiry date and needed to be reviewed to align with current industry requirements, the review and development of roofing national certificates, and anticipated requirements for the licensing of roofers.

In 2003, the ITO commissioned a survey of its Roofing Advisory Board members and industry contacts to identify industry qualification needs. In 2005, a further study was carried out to determine the match between the requirements of the standards in the reviewed and new roofing qualifications, and the anticipated Department of Building and Housing (DBH) competency requirements for roofers as Licensed Building Practitioners (LBPs) for roofing projects. These competency requirements are yet to be finally determined by DBH. However, the review of these unit standards must be finalised to meet industry needs in the interim.

By 2009 it will be mandatory for all completed roofing projects to be signed off by an appropriately licensed LBP. Between now and then, the above (and new) unit standards and associated qualifications will have been further reviewed to ensure they fully match DBH competency requirements.

The ITO's Roofing Advisory Board has participated throughout the review process.

Main changes resulting from the review

- The unit standards have been moved from AMAP 0008 to new AMAP 0227.
- Addition of a new special note throughout the batch explaining the unit standards apply to both new roofing and re-roofing.
- Changes to specifically listed legislation and other compliance requirements in special notes throughout the batch.
- Throughout the batch, extending the special note referring to accessing references to sources from the ITO to one that explains how more detailed information regarding relevant legislation, standards, and codes may be obtained from the ITO website.
- Definitions added to special notes throughout the batch, including definitions for 'job specifications' and 'manufacturer's requirements'.
- Replacing 'enterprise procedures' with 'company requirements' in special note definition and within performance criteria throughout the batch.

- Adjustments to some elements, performance criteria, and their ranges, where required, to correct minor technical errors and/or to reflect current good practice.
- Removal of some performance criteria to correct duplication of health and safety matters and for consistency of pattern across the batch.
- In addition to the above, more extensive changes to unit standard 10815 in terms of title, increase in credit value from 10 to 15, and changes to make the cladding aspect, touched upon in the previous version, more explicit in elements 1, 2, and 3. Performance criterion 2.5 has been removed.

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

The unit standards have been transferred from AMAP 0008 to AMAP 0227.

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

The following Plumbing, Gasfitting and Drainlaying Industry Training Organisation Limited qualification is affected by the outcome of this review and is under review.

Qualification title	Standard in the qualification
National Certificate in Roofing with strands in Metal Roofing and Cladding, Metal Roofing Tiles, Membrane Roofing, Torch on Membrane Roofing, and Shingle Roofing [Ref: 0375]	10815

Summary of main changes to standards

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 Construction Trades
Domain Concrete Roof Tiling

Id	Title	Level	Credit	Review Category
1685	Carry out preliminary site check for concrete roof tiling	4	8	B
1686	Fix battens for concrete and clay roof tiles	3	5	B

Id	Title	Level	Credit	Review Category
1687	Fix underlay for concrete roof tiles	3	4	B
1688	Load concrete roof tiles onto a roof	3	5	B
1689	Fix full concrete roof tiles	3	4	B
1690	Fix part concrete roof tiles	3	6	B
1691	Install lead flashings to concrete roof tiles	3	6	B
1692	Inspect the installation of specialist flashings to concrete roof tiles	4	8	B
1694	Install finishes at concrete tile roof terminations	4	8	B
1698	Re-roof an existing concrete tile roof with concrete tiles	3	6	B

Subfield Plumbing, Gasfitting and Drainlaying
Domain Roofing

Id	Title	Level	Credit	Review Category
10808	Prepare site for installation of roof	4	12	B
10809	Install membrane roof	4	35	B
10810	Install 'torch on' membrane roof	4	25	B
10811	Install liquid membrane roof	4	25	B
10812	Install metal tile roof	4	30	B
10813	Install translucent roof	4	10	B
10814	Install shingle roof	4	30	B
10815	Install corrugated roof	4	10	B
	Install profiled metal roofing and cladding		15	
10816	Install pan deck roof	4	10	B
21408	Apply foreperson leadership and communication skills on roofing construction projects	4	6	New
21410	Apply quality assurance practices in the roofing industry	4	8	New
21411	Prepare an integrated plan for a medium building roof installation programme	5	5	New
21413	Demonstrate knowledge of roofing hand and power tools	2	5	New