

Title	Demonstrate knowledge of contract drawings, specifications and quantity lists for a building		
Level	4	Credits	4

Purpose	People credited with this unit standard are, for a building, able to: determine work to be done from given contract drawings; and determine quantities of required materials from given contract drawings and specifications.
----------------	---

Classification	Construction Trades > Core Construction
-----------------------	---

Available grade	Achieved
------------------------	----------

Explanatory notes

- 1 *Specifications* refers to documented instructions (oral, written, graphic) and may include any of the following: manufacturer’s specifications, recommendations or technical data sheets; material specifications; specifications from a specialist source such as an architect, designer, engineer or a supervisor; site or work specific requirements.
Contract drawings are defined as the set of drawings associated with a building project as agreed by contract, and can include plans, elevations, sections, details or any other drawings that give information about a building project.
- 2 This unit standard is applicable to a wide variety of trades. For the purpose of this unit standard, *given contract drawings and specifications* must be relevant and specific to the candidate’s own trade.
- 3 Credit for this unit standard indicates compliance with industry practice. *Industry practice* refers to the ability to demonstrate knowledge that reflects the uniformity, finish quality and material economies currently accepted within industry.
- 4 Legislation relevant to this unit standard includes:
Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995;
New Zealand Building Code.

Outcomes and evidence requirements

Outcome 1

Determine work to be done from given contract drawings and specifications for a building.

Evidence requirements

- 1.1 Contract drawings and specifications are described in terms of their purpose, type and content.
- 1.2 Abbreviations and symbols are explained in terms of their use on contract drawings.
- 1.3 The construction sequence is determined from given contract drawings and specifications.
- 1.4 Personnel required and the work to be undertaken are identified from given contract drawings and specifications.
- 1.5 Preliminary and general work is identified from given contract drawings and specifications.
- 1.6 Variations from original contract are identified from given contract drawings and specifications.

Outcome 2

Determine quantities of required materials from given contract drawings and specifications for a building.

Evidence requirements

- 2.1 Required quantities of materials to be used are calculated from given contract drawings and specifications.
- 2.2 A quantity list of the materials required is prepared from given contract drawings and specifications to ensure minimal waste.

Replacement information	This unit standard replaced unit standard 13035.
Planned review date	31 December 2015

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 November 2010	N/A

Accreditation and Moderation Action Plan (AMAP) reference	0048
--	------

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Consent requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.