

Title	Prepare schedules of quantities and cost jobs for plumbing, gas or drainage systems		
Level	5	Credits	10

Purpose	<p>This unit standard covers the preparation of schedules of quantities for plumbing, gasfitting or drainlaying work and costing plumbing, gasfitting or drainlaying jobs. It is intended for use in the training of certifying plumbers, gasfitters or drainlayers.</p> <p>People credited with this unit standard are able to: prepare a schedule of quantities from given job documentation; cost job for a plumbing, gas or drainage system; manage the effect of variations to job on costing.</p>
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Classification	Plumbing, Gasfitting and Drainlaying > Core Plumbing, Gasfitting, and Drainlaying
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Available grade	Achieved
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Guidance Information

- 1 This standard could be assessed against in conjunction with Unit 27338, *Design drainage systems discharging to sewers, roads or water courses* or Unit 27339, *Design on-site waste water treatment and surface water disposal systems*, or through a given scenario.
- 2 Definition
Job documentation, for the purposes of this unit standard, refers to drawings and job specifications.

Outcomes and performance criteria

Outcome 1

Prepare a schedule of quantities from given job documentation.

Performance criteria

- 1.1 Measurements are taken from the job documentation and recorded accurately.

Range	pipe lengths, fittings, any fixtures, any appliances, any equipment, any construction materials, any special structures.
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- 1.2 Schedule is complete and accurate.

Outcome 2

Cost job for a plumbing, gas or drainage system.

Range estimate, quote, charge-up.

Performance criteria

2.1 Schedule of current unit rates is determined.

2.2 Any ancillary costs are identified.

Range includes but is not limited to consent fees, special insurance, inspection fees.

2.3 Unit rates are applied to the schedule of quantities.

Range labour rates, pipe lengths, fittings, construction materials, any costs related to tools and machinery, any hire rates, legislative costs, overheads, special structures, any costs related to other trades.

2.4 Job is costed accurately (GST inclusive).

Outcome 3

Manage the effect of variations to job on costing.

Performance criteria

3.1 Variations to the job are communicated in writing to other affected parties and approval(s) obtained.

3.2 Variations are costed accurately.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 March 2012	31 December 2021
Review	2	29 November 2018	31 December 2021

Consent and Moderation Requirements (CMR) reference

0008

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