

Title	Describe quality assurance requirements, and monitor and record quality assurance on an infrastructure worksite		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to demonstrate knowledge of quality assurance requirements for an infrastructure worksite, and monitor and record quality assurance on an infrastructure worksite.
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Classification	Infrastructure Works > Generic Infrastructure Works
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Available grade	Achieved
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Guidance information

- Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- Legislation relevant to this unit standard includes the Health and Safety at Work Act 2015, available from www.legislation.govt.nz.
- Definitions
Contract specifications include plans, diagrams, and special technical conditions. They do not include special administrative conditions.
Hold point means the stage of work that requires testing, checking, or certification before work can proceed. Hold points not specified in contract documents may be stated or implied in company requirements.
Industry requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements that may apply across the company or to a specific site. Requirements are documented in the company's health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.
ISO 9001 refers to the ISO 9001 family of quality management documents for which companies gain specific accreditation.
Quality plan refers to a documented plan for quality assurance that may be contract specific, or based on a recognised quality assurance standard such as ISO 9001 series or TQS series.
TQS refers to NZ Transport Agency's quality assurance specification for contracts involving road construction, road maintenance, and structures that assigns quality assurance levels as High (TQS1) or Normal (TQS2), available at <http://www.nzta.govt.nz/resources/index.html>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of quality assurance requirements for an infrastructure worksite.

Performance criteria

- 1.1 Site quality assurance requirements are described in accordance with a quality plan and contract specifications.
- 1.2 Hold points for quality assurance are identified and explained in accordance with contract specifications.
- 1.3 Testing and certification requirements of the quality plan are identified and explained in accordance with contract specifications.

Outcome 2

Monitor and record quality assurance on an infrastructure worksite.

Performance criteria

- 2.1 Worksite responsibilities for achieving quality tasks are defined in accordance with contract specifications.
- 2.2 Quality assurance systems for infrastructure works tasks are maintained on site in accordance with contract specifications.
- 2.3 Key measurements are checked and recorded on site in accordance with contract specifications
- 2.4 Monitoring ensures that any required tests are carried out, documented, and reported in accordance with contract specifications.
- 2.5 Non-conformance procedures are processed in accordance with contract specifications.
- 2.6 Quality records are maintained and stored in accordance with contract specifications.

Planned review date	31 December 2029
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 March 2011	31 December 2021
Review	2	30 August 2018	31 December 2026
Review	3	12 December 2024	N/A

Consent and Moderation Requirements (CMR) reference

0101

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

Comments on this unit standard

Please contact Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangāAraRau.nz if you wish to suggest changes to the content of this unit standard.