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

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

- 1 Assessment against this unit standard must take place in a workplace environment. Assessment parameters will depend on company and site specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.
- 2 Definitions

Company 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.

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.

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;

ISO 9001 refers to the ISO 9001 family of quality management documents for which companies gain specific accreditation.

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 works site.

Performance criteria

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

Outcome 2

Monitor and record quality assurance on an infrastructure works site.

Performance criteria

- 2.1 Worksite responsibilities for achieving quality tasks are defined in accordance with contract specifications and company requirements.
- 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 company requirements.
- 2.4 Monitoring ensures that any required tests are carried out, documented, and reported in accordance with company requirements.
- 2.5 Non-conformance procedures are processed in accordance with company requirements.
- 2.6 Quality records are maintained and stored in accordance with contract specifications and company requirements.

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| Planned review date | 31 December 2023 |
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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 | N/A |

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| Consent and Moderation Requirements (CMR) reference | 0101 |
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Connexis Infrastructure ITO qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.