

SPECIFICATION FOR HIGH QUALITY ASSURANCE LEVEL CONTRACTS

1. SCOPE

This specification covers the quality assurance requirements for contracts which have been assessed at the high quality assurance level .

2. DEFINITIONS

JAS-ANZ means The Joint Accreditation System Australia and New Zealand.

Document Review means the formal acknowledgement by a JAS-ANZ accredited agency that the Contractor has completed sufficient documentation to meet the requirements of the specified quality assurance system. This stage is also referred to by auditing agencies as system audit.

Certification means the formal issue by a JAS-ANZ accredited agency of a certificate stating that the holder has in place a quality assurance system which meets the requirements of this specification TNZ Q/4:1995.

TQS1:1995 means the Transit New Zealand Quality Standard TQS1:1995

3. REQUIREMENT FOR THE QUALITY ASSURANCE SYSTEM

The minimum requirement for the quality assurance system is compliance with TQS1:1995. Alternative quality assurance systems may be considered by the Engineer.

4. CONTRACT QUALITY PLAN

The Contractor shall prepare a contract quality plan which, as a minimum, meets the requirements of TQS1:1995 Element 2 Clause 5. The Engineer will advise acceptance of the contract quality plan or indicate amendments that are required within three (3) working days of its receipt.

No work other than establishment, setting out, and site preparation shall be performed prior to the acceptance by the Engineer of the contract quality plan.

5. APPLICATION OF QUALITY ASSURANCE SYSTEM REQUIREMENTS

The requirements of clause 3 of this specification TNZ Q/4:1995 shall apply as follows:

- 5.1** In respect of contracts advertised for tender before 1 July 1996, where the undertaking of the physical works will extend beyond 1 July 1996, the Contractor shall provide to the Engineer on or before 1 July 1996, evidence of document review by the Contractor to TQS1:1995 on the form enclosed as appendix 1 to this specification. The scope of the documentation shall cover the work categories included in the contract.
- 5.2** In respect of contracts advertised for tender before 1 July 1996, where the undertaking of the physical works will extend beyond 1 July 1997, then, in addition to the requirements of clause 5.1, the Contractor shall provide to the Engineer on or before 1 July 1997, evidence of certification by the Contractor to TQS1:1995. The scope of the certification shall cover the work categories included in the contract.
- 5.3** In respect of contracts advertised for tender after 1 July 1996 and before 1 July 1997, the Contractor shall submit with the tender documents, evidence of document review by the Contractor to TQS1:1995 on the form enclosed as appendix 1 to this specification. If the physical works to be undertaken pursuant to the relevant tender will extend beyond 1 July 1997 then, in addition, the Contractor shall provide to the Engineer on or before 1 July 1997, evidence of certification by the Contractor to TQS1:1995. The scope of the certification shall cover the work categories included in the contract.
- 5.4** In respect of contracts advertised for tender after 1 July 1997, the Contractor shall submit with the tender documents evidence of certification by the Contractor to TQS1:1995. The scope of the certification shall cover the work categories included in the contract.
- 5.5** Notwithstanding the provisions of clauses 5.1 to 5.4 inclusive, alternative quality assurance systems may be considered by the Engineer.
- 5.6** In respect of the requirements of clauses 5.1 and 5.3 of this specification, evidence of certification will be accepted as an alternative where evidence of document review is specified.

6. APPLICATION OF THE CONTRACT QUALITY PLAN REQUIREMENTS

The requirements of clause 4 of this specification TNZ Q/4:1995 shall apply from 1 July 1996.

7. FAILURE TO COMPLY

In the event that the Contractor fails to comply with the requirements of this specification TNZ Q/4:1995, the Contractor shall be deemed to be in default under the contract and, in addition to any other remedies available to Transit New Zealand, the Engineer shall be entitled at Transit New Zealand's discretion to either:

- 7.1** Suspend the Contract Works until the requirements are met in which case the provisions of section 6.6 of NZS 3910:1987 shall apply; or
- 7.2** Determine the contract or resume occupation of the site in which case the provisions of sections 13.2.4 or 13.2.2 as the case may be of NZS 3910:1987 shall apply as if the Principal had determined the contract or resumed occupation as the case may be.

8. QUALITY CONTROL INSPECTION AND TESTWORK

The Contractor shall be responsible for undertaking inspection and testwork to verify that materials and workmanship forming part of the contract works comply with the specified requirements in accordance with the provisions of section 6.4 of NZS 3910:1987. However, the Engineer may also undertake some independent testing and inspection in the course of surveillance of the contract works to ensure that the Contractor is complying with the specified requirements.

All testing shall be undertaken by personnel appropriately trained in the test to be performed. Details of the tests shall be included in the contract quality plan. The name and signature of the person undertaking the test shall be included on the test record documentation. Where testing is specified to be by a Telarc registered laboratory, it shall be supervised by personnel with Telarc signatory approval and test certificates shall show the Telarc marking.

All test and inspection results shall be made available to the Engineer within 24 hours of either completion of the test or inspection, or being issued by a third party testing/inspection agency whichever is applicable, unless agreed otherwise in writing.

Details of the testing and inspection requirements including minimum frequencies are specified elsewhere in the contract documents. The standards to be achieved for individual work tasks are detailed in the relevant sections of the specification. Should the Contractor consider that either the construction methods adopted or the material supply performance are such that the minimum test frequencies specified should be reduced, prior written acceptance shall be obtained from the Engineer.

APPENDIX 1



**DOCUMENT REVIEW TO TRANSIT NEW ZEALAND
QUALITY STANDARD TQS1:1995**

**Statement to be made by a Joint Accreditation System of Australia and
New Zealand (JAS-ANZ) accredited agency**

I confirm that I have examined the documentation provided by the Contractor named on this form, and in my opinion it meets the requirements of the Transit New Zealand Quality Standard TQS1:1995 for the scope stated below.

Name of Contractor

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Address

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Scope of Documentation to TQS1:1995

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Name of JAS-ANZ accredited agency

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Postal Address of agency

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Signature of Approved Auditor

Name and Designation of Approved Auditor

Date of Statement

T N Z R e f e r e n c e N u m b e r

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