

AS/NZS ISO 9000.3(Int):1998

ISO 9000-3:1997

(Expires 5 October 2000)

Interim

Australian/New Zealand Standard™

**Quality management and quality
assurance standards**

**Part 3: Guidelines for the
application of ISO 9001:1994 to the
development, supply, installation
and maintenance of computer
software**

AS/NZS ISO 9000.3(Int):1998

This Interim Joint Australian/New Zealand Standard was prepared by Joint Technical Committee QR/3, Software Quality Systems. It was approved on behalf of the Council of Standards Australia on 18 September 1998 and on behalf of the Council of Standards New Zealand on 15 September 1998. It was published on 5 October 1998.

The following interests are represented on Committee QR/3:

AirServices Australia
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Australian Organization for Quality
Australian Society for Technical Communication (N.S.W.)
Department of Defence (Australia)
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Quality management and quality assurance standards

Part 3: Guidelines for the application of ISO 9001:1994 to the development, supply, installation and maintenance of computer software

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PREFACE

This Interim Standard is identical with, and has been reproduced from ISO 9000-3:1997, *Quality management and quality assurance standards, Part 3: Guidelines for the application of ISO 9001:1994 to the development, supply, installation and maintenance of computer software*, published by the International Organization for Standardization (ISO). It replaces AS 3900.3—1993/NZS 9000.3:1993/ISO 9000-3:1991, *Quality management and quality assurance standards, Part 3: Guidelines for the application of ISO 9001 to the development, supply and maintenance of software*. It is issued in accordance with Standards Australia's policy to adopt ISO Standards where they are relevant.

The Joint Standards Australia/Standards New Zealand Committee QR/3, Software Quality Systems provided input to International Committee ISO/TC 176 in the preparation of ISO 9000-3:1997

This Interim Standard provides guidance and advice only on the application of ISO 9001:1994 in the computer software industry and differs significantly from the earlier version, which included requirements. The requirements in the earlier version were not always aligned with ISO 9001 requirements.

Committee QR/3 has also produced Joint Australian/New Zealand Standard AS/NZS 3905.8:1996, *Quality system guidelines, Part 8: Guide to AS/NZS ISO 9001:1994 for the software industry*, which also provides advice to the computer software industry. While either AS/NZS ISO 9000.3 or AS/NZS 3905.8 can be used, Committee QR/3 considers that AS/NZS 3905.8 to be more appropriate, particularly in relation to the advice offered on Clause 4.9 of AS/NZS ISO 9001 (*process control*). Appendix ZA in this Interim Standard discusses the issue of *process control*.

For the purposes of this Interim Joint Standard, the ISO text should be modified as follows:

- (a) *Terminology* The words 'Joint Australian/New Zealand Standard' should replace the words 'International Standard' wherever they appear.
- (b) *References* The references to International Standards should be replaced by references to the following Australian/New Zealand Standards:

<i>Reference to International Standard</i>		<i>Australian or New Zealand Standard</i>	
ISO		AS/NZS	
8402	Quality management and quality assurance—Vocabulary	ISO 8402	Quality management and quality assurance—Vocabulary
9000	Quality management and quality assurance standards	ISO 9000	Quality management and quality assurance standards
9000-2	Part 2 Generic guidelines for the application of ISO 9001, ISO 9002 and ISO 9003	ISO 9000.2	Generic guidelines for the application of ISO 9001, ISO 9002 and ISO 9003
9001	Quality systems—Model for quality assurance in design, development, production, installation and servicing	ISO 9001	Quality systems—Model for quality assurance in design, development, production, installation and servicing
10005	Quality management—Guidelines for quality plans	ISO 9004	Quality management and quality system elements
		ISO 9004.5	Part 5: Guidelines for quality plans
10006	Quality management—Guidelines to quality in project management	3905	Quality system guidelines—
		3905.16	Part 16: Guidelines to quality in project management
10007	Quality Management— Guidelines for configuration management	3907	Quality management— Guidelines for configuration management

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ISO		AS	
10011	Guidelines for auditing quality systems	3911	Guidelines for auditing quality systems
10011-1	Part 1: Auditing	3911.1	Part 1: Auditing (NZS 10011.1)
10011-2	Part 2: Qualification criteria for quality systems auditors	3911.2	Part 2: Qualification criteria for auditors (NZS 10011.2)
10011-3	Part 3: Management of audit programmes	3911.3	Part 3: Management of audit programs (NZS 10011.3)
10012	Quality assurance requirements for measuring equipment	3912	Quality assurance requirements for measuring equipment
10012-1	Part 1: Metrological confirmation system for measuring equipment	3912.1	Part 1: Metrological confirmation system for measuring equipment (NZS 10012.1)
		AS/NZS	
10013	Guidelines for developing quality manuals	3913	Quality manual—Guide to preparation
ISO/IEC			
9126	Information technology— Software product evaluation— Quality characteristics and guidelines for their use	4216	Information technology— Software product evaluation— Quality characteristics and guidelines for their use
12207	Information technology— Software life cycle processes	ISO/IEC 12207	Information technology— Software life cycle processes

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