

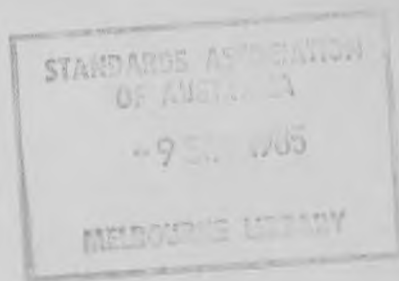
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# Australian Standard<sup>®</sup> 1057—1985

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## QUALITY ASSURANCE AND QUALITY CONTROL— GLOSSARY OF TERMS



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**STANDARDS ASSOCIATION OF AUSTRALIA**  
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Commonwealth Scientific and Industrial Research Organization  
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AUSTRALIAN STANDARD

*Committee Q77 is looking  
at rev. View to  
requesting ISO to  
revise ISO 8402 to  
take in extra terms  
in AS 1057.*

*J. Owen  
891117*

# QUALITY ASSURANCE AND QUALITY CONTROL— GLOSSARY OF TERMS

AS 1057—1985

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## PREFACE

This standard was prepared by the Association's Committee on Quality Control as a replacement for AS 1057—1982, Terms Used in Quality Control.

AS 1057 was originally prepared as a result of a need expressed by many organizations for an Australian standard which would enable improved communications both within and between organizations concerned with quality control. It was the committee's intention that the standard should also serve an educational purpose and consequently many of the definitions have been prepared from this point of view.

The original 1971 edition contained only 97 terms covering a limited range of quality control areas. In this standard the scope of the glossary has been expanded to nearly three hundred terms to enable a more comprehensive coverage extending into areas such as management, certification, reliability, maintainability, statistics and software quality assurance.

Appendix A also includes symbols for relevant terms used in quality assurance and quality control while Appendix B lists commonly used acronyms. Appendix C provides reference to terms related to quality assurance and quality control which can be found in other standards.

A list of defined terms in alphabetical order is given in the Index.

During the preparation of this standard, cognizance was taken of a number of British, American and International standards, but particularly of BS 4778, Glossary of Terms used in Quality Assurance (Including Reliability and Maintainability Terms); ANSI/ASQC A1, Definitions, Symbols, Formulae and Tables for Control Charts; ANSI/ASQC A2, Terms, Symbols and Definitions for Acceptance Sampling; ANSI/ASQC A3, Quality Systems Terminology; ANSI N45.2.10 Quality Assurance Terms and Vocabulary, and ISO 3534 Statistics—Vocabulary and Symbols. Reference was also made to Telecom Specification 1233, Terms Used in the Control of Quality.

For the purpose of this standard, products, commodities and supplies are regarded as synonymous and each includes goods and services.

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## SECTION 1: SCOPE AND REFERENCED DOCUMENTS

**1.1 SCOPE.** This standard sets out definitions of terms used in the field of quality assurance and quality control.

Terms are given in the following groups arranged in conceptual form rather than alphabetically.

Section 2 — Basic Terms

Section 3 — Management

Section 4 — Design

Section 5 — Manufacturing Control

Section 6 — Inspection, Testing and Sampling

Section 7 — Certification

Section 8 — Quality Deficiencies

Section 9 — Reliability

Section 10 — Maintainability and Maintenance

Section 11 — Availability

Section 12 — Statistics

Section 13 — Software Quality Assurance

**1.2 REFERENCED DOCUMENTS.** The following standards are referred to in this standard:

AS 1211 Reliability of Electronic Equipment and Components

AS 1514 Glossary of Terms used in Metrology

AS 2561 Guide to the Determination and Use of Quality Control Costs

ISO 3534 Statistics—Vocabulary and Symbols

BS 4778 Glossary of Terms Used in Quality Assurance (including reliability and maintainability terms)

BS 5233 Glossary of Terms used in Metrology

ANSI/ASQC A1 Definitions, Symbols, Formulae and Tables for Control Charts