

Quality systems —

Part 13: Guide to the application of BS 5750-1 to the development, supply and maintenance of software

The European Standard EN 29000-3:1993 has the status of a
British Standard

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Quality, Management and Statistics Standards Policy Committee (QMS/-) to Technical Committee QMS/22, upon which the following bodies were represented:

Association for Consumer Research (ACRE)	Electronic Engineering Association
BEAMA Ltd.	Energy Industries Council
British Quality Association	GAMBICA (BEAMA) Ltd.
British Railways Board	Home Office
British Shipbuilders	Institute of Clerks of Works of Great Britain Inc.
British Telecommunications plc	Institute of Quality Assurance
British Valve and Actuator Manufacturers' Association	Institute of Trading Standards Administration
Ceramic Industry Certification Scheme Ltd.	Institution of Civil Engineers
Chemical Industries Association	Institution of Electrical Engineers
Computing Services Association	Institution of Mechanical Engineers
Consumer Policy Committee of BSI	Institution of Production Engineers
Contract Flooring Association	Lloyd's Register of Shipping
Defence Manufacturers' Association	Medical Sterile Products Association
Department of Trade and Industry (National Weights and Measures Laboratory)	Ministry of Defence
Department of Trade and Industry (Standards and Quality Policy Unit – Quality, Design and Education Division)	National House Building Council
Electricity Supply Industry in England and Wales	Production Engineering Research Association of Great Britain
	Society of British Aerospace Companies
	Telecommunication Engineering and Manufacturing Association

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

Association of Consulting Engineers	Guildford County College and Technology
Association of Consulting Scientists	Institute of Maintenance and Building Management
British Cement Association	Institute of Purchasing and Supply
British Coal Corporation	London Regional Transport
British Gas plc	National Association of Plumbing, Heating and Mechanical Services Contractors
British Industrial Fasteners Federation	PIRA
British Maritime Technology	Post Office
British Non-ferrous Metals Federation	Power Generation Contractors' Association (BEAMA) Ltd.
British Nuclear Forum	Rotating Electrical Machines Association (BEAMA) Ltd.
British Nuclear Fuels	Society of Motor Manufacturers and Traders Ltd.
British Steel Industry	Solvents Industry Association Ltd.
British Welded Steel Tube Association	Steel Casting Research and Trade Association
Business Equipment and Information Technology Association	Transmission and Distribution Association (BEAMA) Ltd.
Cable and Wireless plc	
Chartered Institute of Management Accountants	
Department of Trade and Industry (National Physical Laboratory)	
Engineering Equipment and Materials Users' Association	

This British Standard, having been prepared under the direction of the Quality, Management and Statistics Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 30 September 1991

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The following BSI references relate to the work on this standard:
Committee reference QMS/22
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Amendments issued since publication

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National foreword

This Part of BS 5750 has been prepared under the direction of the Quality, Management and Statistics Standards Policy Committee. It is identical with ISO 9000-3 “Quality management and quality assurance standards — Part 3: Guidelines for the application of ISO 9001 to the development, supply and maintenance of software”, published by the International Organization for Standardization (ISO).

In 1993 the European Committee for Standardization (CEN) accepted the text of the International Standard ISO 9000-3:1991 as European Standard EN 29000-3:1993 without modification.

The following Parts of BS 5750 have now been published:

- *Part 0: Section 0.1 Guide to selection and use;*
Section 0.2: Guide to quality management and quality system elements;
- *Part 1: Specification for design/development, production, installation and servicing;*
- *Part 2: Specification for production and installation;*
- *Part 3: Specification for final inspection and test;*
- *Part 4: Guide to the use of BS 5750-1 “Specification for design/development, production, installation and servicing”, Part 2 “Specification for production and installation” and Part 3 “Specification for final inspection and test”;*
- *Part 5: Withdrawn see Part 4;*
- *Part 6: Withdrawn see Part 4;*
- *Part 8: Guide to quality management and quality systems elements for services;*
- *Part 13: Guide to the application of BS 5750-1 to the development, supply and maintenance of software.*

It is envisaged that further Parts of BS 5750 will be produced which will be identical with the following international standards which are currently in preparation.

- ISO 9004: Quality management and quality system elements;*
- *Part 7: ISO 9004-1 General guidelines¹⁾;*
- *Part 9: ISO 9004-3 Guide for processed materials;*
- *Part 10: ISO 9004-4 Guide to quality improvement;*
- *Part 11: ISO 9004-5 Guide to the use of quality plans;*
- *Part 12: ISO 9004-6 Guide to configuration management.*

¹⁾ Revision of Section 0.2.

Cross-references

International standard	Corresponding British Standard
ISO 8402:1986	BS 4778 Quality vocabulary Part 1:1987 International terms (Identical)
ISO 9001:1987	BS 5750 Quality systems Part 1:1987 Specification for design/development, production, installation and servicing (Identical)
ISO 10011-1:1990	BS 7229 Guide to quality systems auditing Part 1:1991 Auditing (Identical)

The Technical Committee has reviewed the provisions of ISO 2382-1:1984 to which reference is made in the text and has decided that they are suitable for use in conjunction with this standard.

Textual error. Attention is drawn to an error in the reference in **6.3** which should be to ISO 9001:1987, **4.16** not ISO 90001:1987, **4.16**. ISO have been notified.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, pages 2 to 16, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Quality, quality assurance, quality assurance program, software

English version

Quality management and quality assurance standards — Part 3: Guidelines for the application of ISO 9001 to the development, supply and maintenance of software

(identical with ISO 9000-3:1991)

Normes pour la gestion de la qualité et
l'assurance de la qualité —
Partie 3: Lignes directrices pour l'application de
l'ISO 9001 au développement, à la mise à
disposition et à la maintenance du logiciel
(identique à ISO 9000-3:1991)

Qualitätsmanagement – und
Qualitätssicherungsnormen —
Teil 3: Leitfaden für die Anwendung von
ISO 9001 auf die Entwicklung, Lieferung und
Wartung von Software
(identisch mit ISO 9000-3:1991)

This European Standard was approved by CEN on 1993-05-24. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

Following the resolution BT 221/1991, 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*, was submitted to the Unique Acceptance Procedure.

The result of the UAP was positive.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 1993, and conflicting national standards shall be withdrawn at the latest by December 1993.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.