

Information technology — Office equipment — Minimum information to be included in specification sheets — Copying machines — (ISO/IEC 11159:1996)

The European Standard EN ISO/IEC 11159:1998 has the status of a British Standard

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National foreword

This British Standard is the English language version of EN ISO/IEC 11159:1998. It is identical with ISO/IEC 11159:1996. It supersedes BS EN ISO/IEC 11159:1997 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee IST/3, Office machines, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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 and ii, the EN ISO/IEC title page, page 2, the ISO/IEC title page, pages ii to iv, pages 1 to 24, 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.

Amendments issued since publication

Amd. No.	Date	Comments

This British Standard, having been prepared under the direction of the DISC Board, was published under the authority of the Standards Board and comes into effect on 15 September 1998

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English version

Information technology — Office equipment — Minimum information to be included in specification sheets — Copying machines

(ISO/IEC 11159:1996)

Technologies de l'information — Equipements de bureau —
Information minimale devant figurer dans les notices techniques — Machines à reproduire
(ISO/IEC 11159:1996)

Informationstechnik — Büro — und Datentechnik —
Mindestangaben in Datenblättern —
Bürokopiergeräte
(IOS/IEC 11159:1996)

This European Standard was approved by CEN on 24 November 1997.

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.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

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Foreword

The text of the International Standard from Technical Committee ISO/IEC/JTC 1 “Information technology” of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) has been taken over as an European Standard by the Technical Board of CEN.

This European Standard supersedes
EN ISO/IEC 11159:1996.

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 July 1998, and conflicting national standards shall be withdrawn at the latest by July 1998.

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

Endorsement notice

The text of the International Standard ISO/IEC 11159:1996 has been approved by CEN as a European Standard without any modification.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

INTERNATIONAL STANDARD

ISO/IEC 11159

Second edition
1996-08-01

Corrected and reprinted
1997-03-01

Information technology — Office equipment — Minimum information to be included in specification sheets — Copying machines

*Technologies de l'information — Équipements de bureau — Information
minimale devant figurer dans les notices techniques — Machines à
reproduire*



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Descriptors: Data processing, data processing equipment, office equipment, reproduction machines, specifications, technical data sheets, layout.

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrical Commission) form the specialised system for worldwide standardisation. National Bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organisation to deal with particular fields of mutual interest. Other international organisations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee ISO/IEC JTC1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 11159 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC28, *Office equipment*.

This second edition cancels and replaces the first edition (ISO/IEC 11159:1992), which has been technically revised.

Annex A and Annex B of this International Standard are for information only.

Introduction

Copying machines of many different types and capacities are now available and their specifications vary so widely that it is difficult for potential users to assess which machine might best meet their requirements.

1 Scope

This International Standard is intended to facilitate the users in selecting a copying machine which meets their requirements.

This International Standard specifies the minimum information that shall be included in the specification sheets of copying machines so that users may compare the characteristics of different machines. This International Standard also defines the tests to be made on copying machines in order to verify the specifications given in the specification sheets, when no other Standards are available.

This International Standard applies to copying machines that could be operated in an office environment. Copying machines requiring specially equipped rooms or specially instructed operators are not considered in this International Standard.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 554:1976, *Standard atmospheres for conditioning and/or testing — Specifications*.

ISO 7779:1988, *Acoustics — Measurement of airborne noise emitted by computer and business equipment*¹⁾.

ISO 9295:1988, *Acoustics — Measurement of high-frequency noise emitted by computer and business equipment*.

ISO 9296:1988, *Acoustics — Declared noise emission values of computer and business equipment*.

IEC 950:1991, *Safety of information technology equipment, including electrical business equipment*.

CISPR Pub.22, *Limits and methods of measurement of radio interference characteristics of information technology equipment*.

3 Conformance

In order to comply with this International Standard, specification sheets shall contain, in the order shown, all items listed in clause 4 which are relevant to the machine being described.

4 Test and measurement conditions

Unless otherwise specified, all tests and measurements shall be conducted at the following conditions:

- temperature: 18 °C to 25 °C
- relative humidity 30 % to 70 %
- voltage: rated input voltage
- frequency: rated frequency
- paper size: A4
- paper weight: 60 g/m² to 90 g/m²

Whenever a capacity is given in sheets, the reference paper weight shall be specified.

When A4 paper size is specified, the size most commonly used in the country can be used, both for the test page and the copies. This shall be indicated in the specification sheet.

When weight of paper (g/m²) is given, it is assumed that the paper has been conditioned in the standard atmosphere defined in ISO 554 (temperature 20 °C ± 2 °C; relative humidity 65 % ± 5 %).

¹⁾ Currently under revision.