

Australian Standard[®]

**Microfilming of engineering
documents**

Part 2: Quality criteria and control

[ISO title: Microfilming of technical drawings and other drawing office documents, Part 2: Quality criteria and control of 35 mm silver gelatin microfilms]

This Australian Standard was prepared by Committee MS/4, Micrographics Equipment and Techniques. It was approved on behalf of the Council of Standards Australia on 29 November 1995 and published on 5 March 1996.

The following interests are represented on Committee MS/4:

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PREFACE

This Standard was prepared by the Standards Australia Committee on Micrographics Equipment and Techniques, to supersede, in part, AS 1203—1972, *Microfilming of engineering documents*.

The objective of this Standard is to provide microfilmmers with procedures for maintaining and checking the quality of 35 mm silver gelatin type microfilm for microfilming technical drawings and documents to obtain consistency in microfilm output.

This Standard is identical with and has been reproduced from ISO 3272-2, *Microfilming of technical drawings and other drawing office documents, Part 2: Quality criteria and control of 35 mm silver gelatin microfilms*.

As this Standard is reproduced from an international Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) In the source text, 'this International Standard' should read 'this Australian Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

The term 'normative' has been used in this Standard to define the application of the annex to which it applies. A 'normative' annex is an integral part of a Standard.

References to international Standards should be replaced by equivalent Australian Standards, as follows:

<i>Reference to International Standard</i>	<i>Australian Standard</i>
ISO	AS
5-2 Photography—Density measurements Part 2: Geometric conditions for transmission density	—
5-3 Photography—Density measurements Part 3: Spectral conditions	—
446 Micrographics—ISO character and ISO test chart No. 1—Description and use	—
3272-1 Microfilming of technical drawings and other drawing office documents— Part 1: Operating procedures	1203 Microfilming of engineering documents 1203.1 Part 1: Operating procedures
3272-3 Microcopying of technical drawings and other drawing office documents— Part 3: Unitized 35 mm microfilm carriers	1203.3 Part 3: Unitized 35 mm microfilm carriers
3272-4 Microfilming of technical drawings and other drawing office documents— Part 4: Microfilming of drawings of special and exceptional elongated sizes	1203.4 Part 4: Microfilming of drawings of special and exceptional elongated sizes
4334 Micrographics—ISO resolution test chart No. 2—Description and use	—
4330 Photography—Determination of the curl of photographic film	—
5466 Photography—Processed safety photographic films—Storage practices	—
6196-1 Micrographics—Vocabulary Part 01: General terms	—

ISO		
6196-2	Micrographics—Vocabulary Part 02: Image positions and methods of recording	—
6196-3	Micrographics—Vocabulary Part 03: Film processing	—
6196-4	Micrographics—Vocabulary Part 04: Materials and packaging	—
6196-5	Micrographics—Vocabulary Part 05: Quality of images, legibility, inspection	—
6196-6	Micrographics—Vocabulary Part 06: Equipment	—
10602	Photography—Processed silver-gelatin type black-and-white film— Specifications for stability	—

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Revised and redesignated in part as AS 1203.2—1996.

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Microfilming of engineering documents

Part 2: Quality criteria and control

1 Scope

This part of ISO 3272 specifies the procedures for maintaining and checking the quality and reproducibility of 35 mm silver-gelatin-type microfilm in black-and-white. It is applicable to first generation, second generation and distribution silver copies, processed in accordance with ISO 10602 and produced on microfilm cameras from hard copy.

It is applicable to the microfilming of all documents prepared by drawing offices, such as technical drawings, architect's plans, calculation notes, specifications and parts lists.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 3272. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 3272 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 5-2:1991, *Photography — Density measurements — Part 2: Geometric conditions for transmission density.*

ISO 5-3:1984, *Photography — Density measurements — Part 3: Spectral conditions.*

ISO 446:1991, *Micrographics — ISO character and ISO test chart No. 1 — Description and use.*

ISO 3272-1:1983, *Microfilming of technical drawings and other drawing office documents — Part 1: Operating procedures.*

ISO 3272-3:1975, *Microcopying of technical drawings and other drawing office documents — Part 3: Unitized 35 mm microfilm carriers.*

ISO 3272-4:1994, *Microfilming of technical drawings and other drawing office documents — Part 4: Microfilming of drawings of special and exceptional elongated sizes.*

ISO 3334:1989, *Micrographics — ISO resolution test chart No. 2 — Description and use.*

ISO 4330:1987, *Photography — Determination of the curl of photographic film.*

ISO 5466:1992, *Photography — Processed safety photographic films — Storage practices.*

ISO 6196-1:1993, *Micrographics — Vocabulary — Part 01: General terms.*

ISO 6196-2:1993, *Micrographics — Vocabulary — Part 02: Image positions and methods of recording.*

ISO 6196-3:1983, *Micrographics — Vocabulary — Part 03: Film processing.*

ISO 6196-4:1987, *Micrographics — Vocabulary — Part 04: Materials and packaging.*

ISO 6196-5:1987, *Micrographics — Vocabulary — Part 05: Quality of images, legibility, inspection.*