

INTERNATIONAL STANDARD

ISO
3272-2

Second edition
1994-02-01

Microfilming of technical drawings and other drawing office documents —

Part 2:

Quality criteria and control of 35 mm silver
gelatin microfilms

*Micrographie des dessins techniques et autres documents de bureau
d'études —*

*Partie 2: Critères et contrôle de qualité des microfilms gélatino-argentiques
de 35 mm*



Reference number
ISO 3272-2:1994(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 3272-2 was prepared by Technical Committee ISO/TC 171, *Micrographics and optical memories for document and image recording, storage and use*.

This second edition cancels and replaces the first edition (ISO 3272-2:1978), of which it constitutes a technical revision.

ISO 3272 consists of the following parts, under the general title *Micro-filming of technical drawings and other drawing office documents*:

- *Part 1: Operating procedures*
- *Part 2: Quality criteria and control of 35 mm silver gelatin microfilms*
- *Part 3: Aperture card for 35 mm microfilm*
- *Part 4: Microfilming of drawings of special and exceptional elongated sizes*
- *Part 5: Test procedures for duplicating diazo microfilm images in aperture cards*
- *Part 6: Enlargement from 35 mm microfilm, quality criteria and control*

Annexes A, B, C and D form an integral part of this part of ISO 3272.

© ISO 1994

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Introduction

Drawing offices produce, in addition to drawings, documents which differ in purpose, form and intention. Easy exchanges of such documentation between organizations should be possible without ambiguities arising from the use of the information they contain.

Microfilming enables the information contained in drawing office documents to be reduced to small dimensions thus facilitating survey, transport, handling and storage. Faithful reconstitution of a microform can only be accomplished readily if the microform satisfies precise requirements with respect to dimensions and quality. The quality requirements themselves can be fulfilled readily only if the original document is prepared in accordance with strict specifications adapted to microform size and the selected reduction ratios.

This part of ISO 3272 specifies particular aspects of microfilming technical drawings and other drawing office documents on black-and-white 35 mm silver microfilm.

get full document from standards.iteh.ai

This page intentionally left blank

Sample Document

get full document from standards.iteh.ai

Microfilming of technical drawings and other drawing office documents —

Part 2:

Quality criteria and control of 35 mm silver gelatin microfilms

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*.