

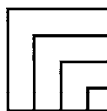
Standard Recommended Practice for the Microrecording of Engineering Graphics — Computer-Output Microfilm

Standard

Approved As



January 12, 1995



AIIM

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Abstract

This document specifies the procedures, dimensions, and quality values governing the microrecording of engineering documentation with a 35 mm Computer-Output Microfilmer (COM). This document includes microimage characteristics that are common to source-document production techniques as well as those that are COM created by microfilming the face of a cathode ray tube or by causing focused radiation to impinge directly upon the microfilm using an electron beam or laser.

This document does not include microrecording of cartographic and architectural material or other engineering graphics that also conform to requirements of ANSI Y14-Drawing Series.

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Foreword (This foreword is not part of the American National Standard for Information and Image Management ANSI/AIIM MS38-1995 — Standard Recommended Practice for the Microrecording of Engineering Graphics — Computer-Output Microfilm.)

During the discussions that led to the compilation of this document, the AIIM Engineering Committee C7 recognized that a new standard must address the interface between ANSI/AIIM MS38-1986 and other existing standards, and must address the compatibility of film produced in accordance with this document to film produced in accordance with other standards, such as ANSI/AIIM MS32-1987.

This standard is a revision of ANSI/AIIM MS38-1987, Microrecording of Engineering Graphics — Computer-Output Microfilm.

The maximum dedicated image area specified herein has been derived from ANSI PH5.8-1972 (R1978) and ISO 3272/2:1994.

The maximum document image graphics limit has been derived from the need to locate centered microimages within the physical limits of the microform and from the prescribed margins for drawings as specified in ANSI and ISO standards. The user is further advised that COM image representations of full-size drawings specified in ANSI and ISO standards need not rigidly adhere to the reduction size computed from existing ANSI and ISO paper sizes. The microimage may be larger than the computed size but shall not exceed the maximum microimage peripheral limitations specified herein.

This standard contains one annex, annex A, which is informative and not to be considered part of this standard.

Suggestions for improving this standard are welcome. They should be sent to the Chair, AIIM Standards Board, Association for Information and Image Management, 1100 Wayne Avenue, Silver Spring, Maryland, 20910-5603.

At the time it approved this standard, the AIIM Standards Board had the following members:

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This standard was originally approved by the AIIM Engineering Committee C7 in the early 1990's. C7 has since been combined with C4 and C11 to form C23, Micrographic Technologies, which is chaired by Don Avedon of Avedon Associates. The AIIM Engineering Committee C7 had the following members at the time it approved this standard.

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