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AUTHORITY: 44 U.S.C. chapters 29 and 33.

SOURCE: 74 FR 51014, Oct. 2, 2009, unless otherwise noted.

### Subpart A—General

#### § 1238.1 What is the scope of this part?

This part covers the standards and procedures for using micrographic technology in the management of Federal records.

#### § 1238.2 What are the authorities for part 1238?

The statutory authorities for this part are 44 U.S.C. chapters 29 and 33.

#### § 1238.3 What definitions apply to this part?

See §1220.18 of this subchapter for definitions of terms used in part 1238.

#### § 1238.4 What standards are used as guidance for this part?

These regulations conform with guidance provided in ISO15489-1:2001, part 7.1 (Principles of records management programmes), and 9.6 (storage and handling).

#### § 1238.5 What publications are incorporated by reference in this part?

(a) Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in this section, NARA must publish notice of change in the FEDERAL REGISTER and the material must be available to the public. All approved material is avail-

able for inspection at the Office of the Federal Register. For information on the availability of this material at the Office of the Federal Register, call (202) 741-6030 or go to [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(b) The material incorporated by reference is also available for inspection at NARA's Archives Library Information Center (NWCCA), Room 2380, 8601 Adelphi Road, College Park, MD 20740-6001, phone number (301) 837-3415, and is available for purchase from the sources listed below. If you experience difficulty obtaining the standards referenced below, contact NARA's Policy and Planning Staff (NPOL), National Archives and Records Administration, 8601 Adelphi Road, College Park, MD 20740-6001, phone number (301) 837-1850.

(c) *American National Standards Institute (ANSI) and International Organization for Standards (ISO) standards.* The following ANSI and ISO standards are available from the American National Standards Institute, 25 West 43rd St., 4th Floor, New York, NY 10036, phone number (212) 642-4900, or online at <http://webstore.ansi.org>.

(1) ANSI/AIIM MS1-1996 ("ANSI/AIIM MS1"), Standard Recommended Practice for Alphanumeric Computer-Output Microforms—Operational Practices for Inspection and Quality Control, August 8, 1996, IBR approved for §1238.14.

(2) ANSI/AIIM MS5-R1998 ("ANSI/AIIM MS5"), Standard for Information and Image Management—Microfiche, December, 1998, IBR approved for §1238.10.

(3) ANSI/AIIM MS14-1996 ("ANSI/AIIM MS14"), Standard Recommended Practice—Specifications for 16mm and 35mm Roll Microfilm, August 8, 1996, IBR approved for §1238.10.

(4) ANSI/AIIM MS19-1993 ("ANSI/AIIM MS19"), Standard Recommended Practice—Identification of Microforms, August 18, 1993, IBR approved for §1238.12.

(5) ANSI/AIIM MS32-1996 ("ANSI/AIIM MS32"), Standard Recommended Practice—Microrecording of Engineering Source Documents on 35mm Microfilm, February 16, 1996, IBR approved for §1238.10.

(6) ANSI/AIIM MS41-1996 ("ANSI/AIIM MS41"), Dimensions of Unitized

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Microfilm Carriers and Apertures (Aperture, Camera, Copy and Image Cards), July 16, 1996, IBR approved for § 1238.10.

(7) ANSI/AIIM MS43-1998 (“ANSI/AIIM MS43”), Standard Recommended Practice—Operational Procedures—Inspection and Quality Control of Duplicate Microforms of Documents and From COM), June 2, 1998, IBR approved for § 1238.14.

(8) ANSI/AIIM MS45-1990 (“ANSI/AIIM MS 45”), Recommended Practice for Inspection of Stored Silver-Gelatin Microforms for Evidence of Deterioration, January 22, 1990, IBR approved for § 1238.22.

(9) ISO 18911:2000 (“ISO 18911”), Imaging materials—Processed safety photographic films—Storage practices, First Edition, November 1, 2000, IBR approved for § 1238.20.

(d) *Techstreet*. The following standards are available from the standards reseller Techstreet, 3916 Ranchero Drive, Ann Arbor, MI 48108, phone number (800) 699-9277, or online at [www.Techstreet.com](http://www.Techstreet.com).

(1) ISO 18901:2002 (“ISO 18901”), Imaging Materials—Processed silver-gelatin type black-and-white films—Specifications for stability, February 15, 2002, IBR approved for §§ 1238.10, 1238.14, and 1238.20.

(2) Reserved

(e) *Document Center Inc.* The following are available from the standards reseller the Document Center Inc., 111 Industrial Road, Suite 9, Belmont, CA, 94002, phone number (650) 591-7600, or online at <http://www.document-center.com>.

(1) ANSI/NAPM IT2.19-1994 (“ANSI/NAPM IT2.19”), American National Standard for Photography—Density Measurements—Part 2: Geometric Conditions for Transmission Density, February 20, 1995, IBR approved for § 1238.14.

(2) ANSI/PIMA IT9.2-1998 (“ANSI/PIMA IT9.2”), Photographic Processed Films, Plates, and Papers—Filing Enclosures and Storage Containers, April 15, 1998, IBR approved for §§ 1238.10 and 1238.20.

(3) ANSI/AIIM MS 23-1998 (“ANSI/AIIM MS23”), Standard Recommended Practice—Production, Inspection, and Quality Assurance of First-Generation,

## 36 CFR Ch. XII (7-1-10 Edition)

Silver Microforms of Documents, June 2, 1998, IBR approved for §§ 1238.10 and 1238.14.

(4) ANSI/ISO 3334-1991, ANSI/AIIM MS51-1991 (“ANSI/ISO 3334, ANSI/AIIM MS51”), Micrographics—ISO Resolution Test Chart No. 2—Description and Use, May 10, 1991, IBR approved for § 1238.14.

(5) ANSI/NAPM IT2.18-1996 (“ANSI/NAPM IT2.18”), American National Standard for Photography—Density Measurements—Part 3: Spectral Conditions, March 8, 1996, IBR approved for § 1238.14.

### Subpart B—Microfilming Standards

#### § 1238.10 What are the format standards for microfilming records?

The following formats must be used when microfilming records:

(a) *Roll film*—(1) *Source documents*. The formats described in ANSI/AIIM MS14 (incorporated by reference, see § 1238.5) must be used for microfilming source documents on 16mm and 35mm roll film. A reduction ratio no greater than 1:24 is recommended for correspondence or similar typewritten documents. Use ANSI/AIIM MS23 (incorporated by reference, see § 1238.5) for the appropriate reduction ratio and format for meeting image quality requirements. When microfilming on 35mm film for aperture card applications, the format dimensions in ANSI/AIIM MS32 (incorporated by reference, see § 1238.5), Table 1 must be used, and the aperture card format “D Aperture” shown in ANSI/AIIM MS41 (incorporated by reference, see § 1238.5), Figure 1, must be used. The components of the aperture card, including the paper and adhesive, must conform to the requirements of ANSI/PIMA IT9.2 (incorporated by reference, see § 1238.5). The 35mm film used in the aperture card application must conform to film designated as LE 500 in ISO 18901 (incorporated by reference, see § 1238.5).

(2) *COM*. Microfilm created using computer output microfilm (COM) technology must use the simplex mode described in ANSI/AIIM MS14 (incorporated by reference, see § 1238.5) at an effective ratio of 1:24 or 1:48 depending upon the application.