

ICS 37.080
CCS A 14



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17739.6-2012

Replacing GB/T 17739.6-2002

**Microfilming of technical drawings and other drawing office
documents -- Part 6: Quality criteria and control of systems for
enlargements from 35mm microfilm**

Issued on: December 31, 2012

Implemented on: June 1, 2013

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

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6159.7 Definition of terms and definitions apply to this document.

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Foreword

GB/T 17739 "technical drawings and technical documents microfilming" is divided into the following sections.

--- Part 1. Operating procedures;

Part --- Article 2. 35mm silver - gelatin microforms quality guidelines and testing;

Part --- Section 3. 35mm microfilm aperture cards;

--- Part 4. Special and oversized pattern shooting;

--- Part 5. microfilm images in aperture cards diazo copy testing procedures;

--- Part 6. Quality criteria and control of systems for enlargements from 35mm microfilm.

This is Part 6 GB/T 17739 in.

Rules in this section in accordance with GB/T 1.1-2009 given draft.

This Part replaces GB/T 17739.6-2002 "Micrographics Part 6 of technical drawings and technical documents. 35mm microfilm

Quality guidelines and controls "amplification system.

This part of GB/T 17739.6-2002 compared to the main technical changes are as follows.

--- Normative references cited in the latest version of the relevant national standards; increased GB/T 17739.1-2008; the

GB/T 14691-1993 shifted reference (see Chapter 2 and references therein);

--- Remove the "Table 1A magnification and copy size specifications of the original series microform (recommended)" (Chapter 4, 2002 edition);

--- Modify the "readability 5" in the requirements, "should be able to distinguish between

listed in Table 1" in the "should" to "shall";

--- Amend Table 2 and Table 3 lists the part of error magnification and shrinkage, and the table numbers were changed to Tables 1 and 2 (see

Chapter 5, Table 1, Table 2, 2002 edition of Tables 2 and 3).

This section uses redrafted Law Amendment uses ISO 3272-6.2000 "Microfilming of technical drawings and other drawing office documents 6

Part I. Quality criteria and control "35mm microfilm amplification system.

This portion of the ISO 3272-6.2000 technical differences and their reasons are as follows.

--- On normative references, this part has been adjusted technical differences, in order to adapt our technical conditions adjustment situation

Focus is reflected in the status of Chapter 2, "Normative references" on.

--- Modify the "readability 5" in the requirements of the first paragraph "should be able to distinguish between listed in Table 1" in the "should" to "shall", with the first

Requires three segments coincide, because in line with ISO 3272-2.1994 Results of the test piece is only a test.

--- Modify the "readability 5" in Table 1 and Table 2 lists the part incorrect magnification and shrinkage to the ISO 3272-1.2003

Provisions consistent, also in line with the actual work.

--- Revised "Appendix A" of the error, the last paragraph in the second row with the wrong "density" (density) to "contrast" (contrast).

This part made the following editorial changes.

--- Decimal symbol used in place of " , " . " ; " ;

--- Remove the original preface to the international standards;

--- Remove the original introduction of international standards.

Please note that some of the content of this document may involve patent issuing authority of this document does not assume responsibility for the identification of these patents.

This part of the National Document Imaging Technology Standardization Technical Committee (SAC/TC86) and focal points.

This section drafted by. National Information Technology Standardization Technical Committee Document Imaging six Branch, National Archives files Institute of Science and Technology.

1 Scope

This section GB/T 17739 specifies the minimum requirements for readability amplification systems and microfilm copies of the amplification and detection of amplification quality

Test methods.

This section applies to technical drawings and technical documents enlarged microfilm copy.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 6159.1-2003 Micrographics - Vocabulary - Part 1. General terms (ISO 6196-1.1993, MOD)

GB/T 6159.2-2011 Micrographics - Vocabulary - Part 2. layout and image recording method (ISO 6196-2.

1993, MOD)

GB/T 6159.3-2003 Micrographics - Vocabulary - Part 3. film processing (ISO 6196-3.1997, MOD)

GB/T 6159.4-2003 Micrographics - Vocabulary - Part 4. Materials and packaging (ISO 6196-4.1998, MOD)

GB/T 6159.5-2011 Micrographics - Vocabulary - Part 5. Quality of images, readability and inspection (ISO 6196-5.

1987, MOD)

GB/T 6159.6-2003 Micrographics - Vocabulary - Part 6. Equipment (ISO 6196-6.1992, MOD)

GB/T 6159.7-2011 Micrographics - Vocabulary - Part 7. Computer Micrographics (ISO 6196-7.1992,

MOD)

GB/T 6161-2008 Micrographics ISO 2 force resolution test chart No. Description and Application (ISO 3334.2006,

IDT)

GB/T 17739.1-2008 Microfilming of technical drawings and technical documents - Part 1. Procedures (ISO 3272-1.

2003, IDT)

GB/T 17739.2-2006 Micrographics - Part 2 technical drawings and technical documents. 35mm silver - gelatin microforms

Quality standards and inspection (ISO 3272-2:1994, MOD)

GB/T 18405-2008 characterized Micrographics ISO test chart No. ISO 1 characters and their use (ISO 446.

2004, IDT)

3 Terms and Definitions

GB/T 6159.1, GB/T 6159.2, GB/T 6159.3, GB/T 6159.4, GB/T 6159.5, GB/T 6159.6 and GB/T

4 Magnification

Should override the provisions of GB/T 17739.1-2008 choose one ratio of 6.3 in the production of an enlarged image. For continuous zoom,