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STANDARD

**8395**

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## **Cinematography — Test films for the reproduction of 70 mm motion-picture release prints with magnetic stripes — Specifications**

*Cinématographie — Films étalons pour la reproduction sonore des tirages cinématographiques sur films de 70 mm avec pistes magnétiques — Spécifications*



Reference number  
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## 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 8395 was prepared by Technical Committee ISO/TC 36, *Cinematography*.

Annexes A and B of this International Standard are for information only.

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# Cinematography — Test films for the reproduction of 70 mm motion-picture release prints with magnetic stripes — Specifications

## 1 Scope

This International Standard specifies basic technical characteristics for magnetic sound test films used for checking, adjusting and measuring 70 mm motion-picture projector sound systems and sound reproduction channels of motion-picture installations.

This International Standard includes specifications for test films intended for checking, adjusting and measuring of:

- a) azimuth of the magnetic head gaps (azimuth alignment test film; see table 1);
- b) output level balance of several motion-picture projectors or systems and interchannel balance on each projector or system (signal level test film; see table 2);
- c) frequency response of the sound reproduction channels (multi-frequency test film; see tables 3 and 4);
- d) non-uniformity in velocity of film travel (flutter) (flutter test film; see table 5).

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard 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 266:—<sup>1)</sup>, *Acoustics — Preferred frequencies.*

ISO 2404:1986, *Cinematography — Six-track magnetic sound records on 70 mm striped release prints — Locations and dimensions.*

ISO 3023:1995, *Cinematography — 65 mm and 70 mm unexposed motion-picture film — Cutting and perforating dimensions.*

ISO 8590:1994, *Cinematography — Audio records on 70 mm motion-picture release prints with magnetic stripes — Recorded characteristic.*

ANSI S4.6:1982, *Recorded flux of magnetic sound records at medium wavelengths, methods of measuring.*

ANSI/IEEE 152:1992, *Audio Program Level Measurement.*

CCIR Report 79-2:1994, *Measurement of the characteristics of sound signals recorded on magnetic tape.*

DIN 45 520:1973, *Magnetic tape recorders; measurement of the absolute level of the magnetic flux and its frequency response on magnetic tapes.*

EBU Technical Document 3205-E, 1979, *The EBU standard peak-programme meter for the control of international transmissions.*

1) To be published. (Revision of ISO 266:1975)