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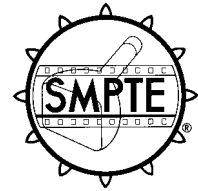
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SMPTE ENGINEERING GUIDELINE

EG 12-1994

Revision of EG 12-1986

Control of Basic Parameters in the Manufacture of SMPTE Photographic and Magnetic Audio Test Films



Page 1 of 3 pages

1 Scope

This guideline specifies and describes the basic control parameters to be followed in the production of SMPTE-distributed audio test films.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this guideline. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this guideline are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below.

SMPTE RP 134-1994, Polarity for Analog Audio Magnetic Recording and Reproduction

3 Intended use of the test films

3.1 For the purpose of this guideline, photographic and magnetic audio test films, as specified in their parent documents, can be classified according to their use, as follows:

3.1.1 Operational

The films are intended as tools for checking the normal and correct operation of a piece of equipment.

3.1.2 Objective

The films are intended to be used as system-alignment tools for quantitative measurements and/or numerical (statistical) evaluation of deviations from established standard values of measurable equipment parameters.

3.1.3 Subjective

The products will be used for quick, overall evaluation, or comparison of the qualitative characteristics of equipment.

4 Classes of inspection

4.1 Application of classes of inspection

The SMPTE Engineering Department will determine the required class of inspection for each item specified in each test film document to ensure that all the products supplied by SMPTE meet an AQL level so that substantially all the products meet the primary characteristics called for by the parent document.

4.2 Class 1: Calibrated.

4.3 Class 2: Each item to be 100% inspected.

4.4 Class 3: One unit of each 10 in a production run to be inspected.

4.5 Class 4: Two units of each production run to be inspected.

5 Final product

5.1 All test films shall be made in accordance with specifications given in their parent document.

5.2 All test films shall be of splice-free stock unless the specifications state otherwise.

5.3 The base film stock shall be in accordance with the specifications given in the parent document.