

SMPTE ENGINEERING GUIDELINE

EG 2-1985

Edge Identification of Motion-Picture Raw Stock Containers



Purpose

The purpose of this guideline is to

- (a) minimize the handling of raw stock containers during storage
- (b) facilitate identification of raw stock containers when only the edges of containers are visible
- (c) recommend a uniform practice in any future additions to container edge identification information when such a system is used by raw stock manufacturers
- (d) ensure that container edge identification information conforms to labeling on the face of the container.

1. Scope

This guideline specifies the system and items of raw stock identification to be used by the manufacturer when the edge of raw stock containers carries such identification. Recommendations for the physical size and location of identifying information are also specified.

2. Identification

- 2.1 System of Identification. The physical specification of the raw stock shall be given in terms of the code specified in American National Standard

Motion-Picture Raw Stock Identification and Labeling, ANSI PH22.184-1973 (R1980).

- 2.2 Items of Identification. In addition to the manufacturer's product code identification, a concise physical specification of the raw stock should appear. The amount of information given shall be at the option of the manufacturer and related to the practical considerations of space available. Advertising and/or all other nondescriptive items shall be excluded from the edge identification area but may be shown on the face of the container.

- 2.3 Manufacturer's Code. The manufacturer's product code identification shall precede the physical specification code. It shall include the film code number, emulsion number, roll number and cut identification.

3. Characteristics and Location

- 3.1 Characteristics of Container Edge Identification Information

- 3.1.1 The characters shall be of a suitable size so that they are legible to an average viewer at a distance of five feet with tungsten illumination (illuminance) at a level of 54 lux (50 foot-candles). Boldface, lower-case characters 3.18 mm (0.125 in) in height and occupying an average linear spacing (including spaces) of 3.18 mm (0.125 in) shall be regarded as minimal, for example:

motion-picture raw stock identification and labeling

- 3.1.2 Location of Information. Identifying information may be printed on the adhesive tape commonly used to seal the edge of raw stock containers. Alternately, it may be shown on a separate label inserted into or attached to the edge of the container, or on the edge of the container itself.

SMPTE ENGINEERING GUIDELINE

EG 9-1985

Audio Recording Reference Level for Post-Production of Motion-Picture Related Materials



1. Scope

This guideline specifies the audio recording reference level for intra- and inter-studio operations concerned with motion-picture, post-production audio recording on both sprocketed and non-sprocketed magnetic and photographic materials.

2. Specifications

- 2.1 The audio recording reference level on magnetic materials shall be a sine wave of approximately 1 kHz with a fluxivity of 185 nanowebers per meter.
- 2.2 The level on photographic audio tracks shall correspond to 8 dB below optical flash. The reference level is generally referred to as 50%.

Appendix

(The Appendix is not a part of this SMPTE Engineering Guideline, but is included for information purposes only.)

A1. The specified level shall normally correspond to 0 on a vu meter, specified in American National Standard Volume Measurements of Electrical Speech and Program Waves, ANSI/IEEE 152-1953 (R1976), which normally corresponds to 4 on a peak program meter having a scale of 0 to 7 in accordance with IEC 268-10:1976, Sound System Equipment, Part 10, Program Level Meters; and IEC 268-10A:1978, First Supplement to 268-10. This refers to

type 2A program level meters. Type 2B program meters will read "test" for the specified level. Light band meters will be set to read -8 dB.

A2. The reference level specified in 2.1 and 2.2 is available on the following SMPTE test films:
Magnetic — M35-SL and M16-SL
Photographic — P35-SL and P16-SL