

(PREVIEW)
Indian Standard
CODE OF PRACTICE FOR
THE PROCESSING OF MICROTRANSPARENCIES
(MICROFILMS AND MICROFICHE)
(SILVER HALIDE)

FOREWORD

0.1 This Indian Standard. (First Revision) was adopted by the Indian Standards Institution on 11 January 1985, after the draft finalized by the Documentation Sectional Committee had been approved by the Executive Committee.

0.2 Microfilms are being increasingly used in archives, libraries, documentation and information centres, laboratories and various departments of the government, trade and industry in India. The useful life of micro-images depends upon the physical and chemical stability of the film base, photosensitive material and its processing. Only safety base, films are suitable for medium term and archival storage. Black and white silver halide images, if properly processed, are stable and permanent.

0.2.1 Though colour photographic, diazo and vesicular films have been successfully stored, under suitable conditions for 25-30 years, these are, however, not considered of archival permanence.

0.3 This code was originally published in 1966. The present revision takes into consideration developments in techniques and practices in reprographics.

0.4 In the preparation of this code, considerable assistance has been derived from ISO/R 421-1955 Method for indicating the stability of the images of processed black-and-white films, plates and papers, issued by the International Organization for Standardization.

NOTE — The qualitative methods of test prescribed in this standard for residual thiosulphate and silver compounds contents and for light stability are equivalent to the test methods given in this International Standard.

0.5 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This code covers the processing of microfilms (silver halide) intended for medium term storage (25-30 years) and specifies requirements (*see* 7) for microfilms intended for long term storage (permanent/ archival value).

*Rules for rounding off numerical values (*revised*).