

# **ECMA-15, Printing Specifications for Optical Character Recognition**

## **SCOPE**

This standard contains the basic definitions, measurement requirements, specifications and recommendations for OCR paper and print.

It applies to the ISO R...(ISO D.R. 996). Three major parameters of a printed document for OCR media are covered.

These are:

- a.** The optical properties of the paper to be used.
  
- b.** The optical and dimensional properties of the ink patterns forming OCR characters.
  
- c.** The basic requirements related to the position of OCR characters on the paper.

The major factors of each of these areas pertinent to OCR are identified. Definitions of these items are given and bases for measurements are established.

Basic specifications applicable to all OCR materials are imposed and recommendations for the implementation of an OCR system are made. Because of the widely divergent nature of OCR applications this standard does not include all of the necessary or prudent specifications or considerations that may be necessary for a successful OCR system. Additional restrictions will often need to be imposed and additional pertinent variables will need identification and control. Such items as document size, the mechanical properties of the paper, the degree of control necessary over possible variations and the format details of the particular application should be resolved by those concerned.