INTERNATIONAL STANDARD



First edition 2004-10-15

Paper — Cut-size office paper — Measurement of edge quality

Papier — Format de coupe du papier de bureau — Mesurage de la qualité des bords



Reference number ISO 22414:2004(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

This document is a preview denerated by FUS

© ISO 2004

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office Case postale 56 • CH-1211 Geneva 20 Tel. + 41 22 749 01 11 Fax + 41 22 749 09 47 E-mail copyright@iso.org Web www.iso.org Published in Switzerland

Contents

| Forew | vord | iv |
|-------|--|-----|
| 1 | Scope | . 1 |
| 2 | Normative references | . 1 |
| 3 | Terms and definitions | . 1 |
| 4 | Principle | . 2 |
| 5 | Apparatus Viewing device Quality-measurement template | . 2 |
| 5.1 | Viewing device | . 2 |
| 5.2 | Quality-measurement template | . 2 |
| 6 | Sampling and preparation of test pieces | |
| 7 | Procedure | . 3 |
| 8 | Expression of results | |
| 9 | Test report | . 3 |
| Anne | x A (normative) Standard gaps for comparison of the sheet edge | |
| Anne | x B (informative) Graphic explanation and example according to subclause 7.3 | . 6 |

interest of the second second

Foreword

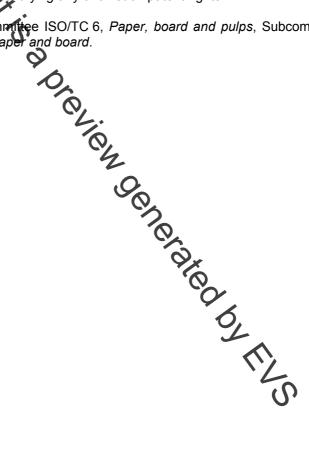
ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in Maison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 22414 was prepared by Technical Committee ISO/TC 6, Paper, board and pulps, Subcommittee SC 2, Test methods and quality specifications for paper and board.



Paper — Cut-size office paper — Measurement of edge quality

1 Scope

This International **Sten**dard specifies a test method for assessing the quality of the cut edge of cut-size office paper. It is applicable to papers of the type described in ISO 216, as well as other cut-size office papers used for printing and copying.

The measurement may be made on papers as received, with or without conditioning.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 186, Paper and board — Sampling to determine average quality

ISO 187, Paper, board and pulps — Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples

ISO 216, Writing paper and certain classes of printed matter — Trimmed sizes — A and B series

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

edge quality

a measure of the degree of raggedness of cut or slit paper edges

NOTE The degree of raggedness is expressed as a numeric value.

3.2

cut-size office papers

papers in the range 60 g/m² to 150 g/m² which are used for writing and/or in various printing and copying devices

[ISO 14968:1999]

3.3

ream

a pack of 500 identical sheets of paper

NOTE In many countries it is common practice to use the term "ream" for other quantities, for example 480 sheets, thus affecting the quire. For quantities other than 500 sheets, a different term, such as "pack", should be used.

[ISO 4046-3:2002].