



SLOVENSKI STANDARD
oSIST prEN ISO 3452-1:2011
01-junij-2011

Neporušitveno preskušanje - Preskušanje s penetranti - 1. del: Splošna načela (ISO/DIS 3452-1:2011)

Non-destructive testing - Penetrant testing - Part 1: General principles (ISO/DIS 3452-1:2011)

Zerstörungsfreie Prüfung - Eindringprüfung - Teil 1: Allgemeine Grundlagen (ISO/DIS 3452-1:2011)

Essais non destructifs - Essai par ressuage - Partie 1: principes généraux (ISO/DIS 3452-1:2011)

Ta slovenski standard je istoveten z: prEN ISO 3452-1

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19.100 Neporušitveno preskušanje Non-destructive testing

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NORME EUROPÉENNE
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ICS 19.100

Will supersede EN 571-1:1997

English Version

Non-destructive testing - Penetrant testing - Part 1: General principles (ISO/DIS 3452-1:2011)

Essais non destructifs - Essai par ressuage - Partie 1:
principes généraux (ISO/DIS 3452-1:2011)

Zerstörungsfreie Prüfung - Eindringprüfung - Teil 1:
Allgemeine Grundlagen (ISO/DIS 3452-1:2011)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 138.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (prEN ISO 3452-1:2011) has been prepared by Technical Committee CEN/TC 138 "Non-destructive testing", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 135 "Non-destructive testing".

This document is currently submitted to the parallel Enquiry.

This document will supersede EN 571-1:1997.

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DRAFT INTERNATIONAL STANDARD ISO/DIS 3452-1

ISO/TC 135/SC 2

Secretariat: **SABS**Voting begins on
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2011-09-07

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Non-destructive testing — Penetrant testing —

Part 1: General principles

Essais non destructifs — Examen par ressuage —

Partie 1: Principes généraux

[Revision of first edition (ISO 3452-1:2008)]

ICS 19.100

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the European Committee for Standardization (CEN), and processed under the **CEN-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

In accordance with the provisions of Council Resolution 15/1993 this document is circulated in the English language only.

Conformément aux dispositions de la Résolution du Conseil 15/1993, ce document est distribué en version anglaise seulement.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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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 liaison 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 3452-1 was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 2, and by Technical Committee CEN/TC 138, *Non-destructive testing* in collaboration.

This second edition cancels and replaces the first edition (ISO 3452-1:2008) which has been technically revised.

ISO 3452 consists of the following parts, under the general title *Non-destructive testing — Penetrant testing*:

- *Part 1: General principles*
- *Part 2 : Testing of penetrant materials*
- *Part 3: Reference test blocks*
- *Part 4: Equipment*
- *Part 5: Penetrant testing at temperatures higher than 50 °C*
- *Part 6: Penetrant testing at temperatures lower than 10 °C*
- *Part 5: Penetrant testing at temperatures higher than 50 °C*
- *Part 6: Penetrant testing at temperatures lower than 10 °C*

The main changes with respect to the previous edition are listed below:

- a) the normative references were updated;
- b) a table referring to the testing products was added;
- c) the document was technically and editorially revised.

