

<b>STN</b>	<b>Nedeštruktívne skúšanie. Skúšanie kapilárnymi metódami. Časť 3: Referenčné skúšobné bloky (ISO 3452-3:2013).</b>	<b>STN EN ISO 3452-3</b>  01 5068
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Non-destructive testing - Penetrant testing - Part 3: Reference test blocks (ISO 3452-3:2013)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Obsahuje: EN ISO 3452-3:2013, ISO 3452-3:2013

Oznámením tejto normy sa ruší  
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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2014  
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

English Version

## Non-destructive testing - Penetrant testing - Part 3: Reference test blocks (ISO 3452-3:2013)

Essais non destructifs - Examen par ressuage - Partie 3:  
Pièces de référence (ISO 3452-3:2013)

Zerstörungsfreie Prüfung - Eindringprüfung - Teil 3:  
Kontrollkörper (ISO 3452-3:2013)

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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (EN ISO 3452-3:2013) 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 European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2014, and conflicting national standards shall be withdrawn at the latest by May 2014.

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

This document supersedes EN ISO 3452-3:1998.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

### Endorsement notice

The text of ISO 3452-3:2013 has been approved by CEN as EN ISO 3452-3:2013 without any modification.

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**Non-destructive testing — Penetrant  
testing —**

**Part 3:  
Reference test blocks**

*Essais non destructifs — Examen par ressuage —  
Partie 3: Pièces de référence*





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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. [www.iso.org/directives](http://www.iso.org/directives)

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is 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 3452-3:1998), which has been technically revised. It also incorporates the Technical Corrigendum, ISO 3452-3:1998/Cor 1:2001.

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*



# Non-destructive testing — Penetrant testing —

## Part 3: Reference test blocks

### 1 Scope

This International Standard describes two types of reference blocks:

- Type 1 reference blocks are used to determine the sensitivity levels of both fluorescent and colour contrast penetrant product families;
- Type 2 reference blocks are used for routine assessment of the performance of both fluorescent and colour contrast penetrant testing.

The reference blocks are to be used in accordance with part 1 of this International Standard.

### 2 Normative references

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

EN 10088-1, *Stainless steels — Part 1: List of standard stainless steels*

EN 10204, *Metallic products — Types of inspection documents*

ISO 4957, *Tool steels*

ISO 10474, *Steel and steel products — Inspection documents*

ISO 15510, *Stainless steels — Chemical composition*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**