



# SLOVENSKI STANDARD SIST EN ISO 19232-2:2013

01-november-2013

Nadomešča:  
SIST EN 462-2:1996

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**Neporušitveno preskušanje - Kakovost radiografske slike - 2. del: Ugotavljanje stopnje kakovosti slike s stopničastim zaznavnikom z luknjami - indikator kakovosti slike (ISO 19232-2:2013)**

Non-destructive testing - Image quality of radiographs - Part 2: Determination of the image quality value using step/hole-type image quality indicators (ISO 19232-2:2013)

**iTeh STANDARD PREVIEW**

Zerstörungsfreie Prüfung - Bildgüte von Durchstrahlungsaufnahmen - Teil 2: Ermittlung der Bildgütezahl mit Stufe/Loch-Typ-Bildgüteprüfkörper (ISO 19232-2:2013)

SIST EN ISO 19232-2:2013

Essais non destructifs - Qualité d'image des radiogrammes - Partie 2: Détermination de la qualité d'image à l'aide d'indicateurs de qualité d'image à trous et à gradins (ISO 19232-2:2013)

**Ta slovenski standard je istoveten z: EN ISO 19232-2:2013**

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**ICS:**

19.100      Neporušitveno preskušanje      Non-destructive testing

**SIST EN ISO 19232-2:2013**

**en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 19232-2**

June 2013

ICS 19.100

Supersedes EN 462-2:1994

English Version

**Non-destructive testing - Image quality of radiographs - Part 2:  
Determination of the image quality value using step/hole-type  
image quality indicators (ISO 19232-2:2013)**

Essais non destructifs - Qualité d'image des radiogrammes  
- Partie 2: Détermination de l'indice de qualité d'image à  
l'aide d'indicateurs à trous et à gradins (ISO 19232-2:2013)

Zerstörungsfreie Prüfung - Bildgüte von  
Durchstrahlungsaufnahmen - Teil 2: Bildgüteprüfkörper  
(Stufe/Loch-Typ) - Ermittlung der Bildgütezahl (ISO 19232-  
2:2013)

This European Standard was approved by CEN on 15 May 2013.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.



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COMITÉ EUROPÉEN DE NORMALISATION  
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## Foreword

This document (EN ISO 19232-2:2013) has been prepared by Technical Committee ISO/TC 135 "Non-destructive testing" in collaboration with Technical Committee CEN/TC 138 "Non-destructive testing" the secretariat of which is held by AFNOR.

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 December 2013, and conflicting national standards shall be withdrawn at the latest by December 2013.

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 462-2:1994.

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.

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**Endorsement notice**

The text of ISO 19232-2:2013 has been approved by CEN as EN ISO 19232-2:2013 without any modification.

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INTERNATIONAL  
STANDARD

ISO  
19232-2

Second edition  
2013-06-15

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**Non-destructive testing — Image  
quality of radiographs —**

Part 2:

**Determination of the image quality  
value using step/hole-type image  
quality indicators**

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*Essais non destructifs — Qualité d'image des radiogrammes —  
Partie 2: Détermination de l'indice de qualité d'image à l'aide  
d'indicateurs à trous et à gradins*

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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 19232-2 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee TC 135, *Non-destructive testing*, Subcommittee SC 5, *Radiation methods*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 19232-2:2004), of which it constitutes a minor revision with the following changes:

- updated references;
- statement that EN wire IQIs of EN 462-2:1994[1] and its designation are identical to ISO wire IQIs and its designation, as defined in this part of ISO 19232;
- replacement of film by detector, which includes film and digital detectors.

It also incorporates the Technical Corrigendum, ISO 19232-2:2004/Cor. 1:2007.

ISO 19232 consists of the following parts under the general title *Non-destructive testing — Image quality of radiographs*:

- *Part 1: Determination of the image quality value using wire-type image quality indicators*
- *Part 2: Determination of the image quality value using step/hole-type image quality indicators*
- *Part 3: Image quality classes*
- *Part 4: Experimental evaluation of image quality values and image quality tables*
- *Part 5: Determination of the image unsharpness value using duplex wire-type image quality indicators*