

**SLOVENSKI STANDARD**  
**SIST EN ISO 14096-1:2020****01-junij-2020****Nadomešča:**  
**SIST EN 14096-1:2004**

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**Neporušitvene preiskave - Kvalificiranje sistemov za digitaliziranje radiogramov - 1. del: Definicije, kvantitativne meritve parametrov kakovosti radiografske slike, standardni referenčni radiogram in kvalitativna kontrola (ISO 14096-1:2005)**

Non-destructive testing - Qualification of radiographic film digitisation systems - Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control (ISO 14096-1:2005)

**iTeh STANDARD PREVIEW****Zerstörungsfreie Prüfung - Qualifizierung von Röntgenfilm-Digitalisierungssystemen - Teil 1: Definitionen, quantitative Messung von Bildqualitätsparametern, Standard-Referenzfilm und Qualitätssicherung (ISO 14096-1:2005)**<https://standards.iteh.ai/catalog/standards/sist/a365fcf0-0d9b-454d-9a0b-092f9dbcc3b6/sist-en-iso-14096-1-2020>**Essais non destructifs - Qualification des systèmes de numérisation des films radiographiques - Partie 1: Définitions, mesures quantitatives des paramètres de qualité d'image, film de référence normalisé et contrôle qualitatif (ISO 14096-1:2005)****Ta slovenski standard je istoveten z: EN ISO 14096-1:2020****ICS:**

|           |                           |                         |
|-----------|---------------------------|-------------------------|
| 19.100    | Neporušitveno preskušanje | Non-destructive testing |
| 37.040.25 | Radiografski filmi        | Radiographic films      |

**SIST EN ISO 14096-1:2020****en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 14096-1**

March 2020

ICS 37.040.25

Supersedes EN 14096-1:2003

English Version

**Non-destructive testing - Qualification of radiographic film digitisation systems - Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control (ISO 14096-1:2005)**

Essais non destructifs - Qualification des systèmes de numérisation des films radiographiques - Partie 1: Définitions, mesures quantitatives des paramètres de qualité d'image, film de référence normalisé et contrôle qualitatif (ISO 14096-1:2005)

Zerstörungsfreie Prüfung - Qualifizierung von Röntgenfilm-Digitalisierungssystemen - Teil 1: Definitionen, quantitative Messung von Bildqualitätsparametern, Standard-Referenzfilm und Qualitätssicherung (ISO 14096-1:2005)

This European Standard was approved by CEN on 6 January 2020.

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.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

The text of ISO 14096-1:2005 has been prepared by Technical Committee ISO/TC 135 "Non-destructive testing" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 14096-1:2020 by 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 September 2020, and conflicting national standards shall be withdrawn at the latest by September 2020.

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

This document supersedes EN 14096-1:2003.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 14096-1:2005 has been approved by CEN as EN ISO 14096-1:2020 without any modification.

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# INTERNATIONAL STANDARD

**ISO**  
**14096-1**

First edition  
2005-06-15

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## Non-destructive testing — Qualification of radiographic film digitisation systems —

Part 1:

**Definitions, quantitative measurements of  
image quality parameters, standard  
reference film and qualitative control**

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*Essais non destructifs — Qualification des systèmes de numérisation  
des films radiographiques —*

*Partie 1: Définitions, mesures quantitatives des paramètres de qualité  
d'image, film de référence normalisé et contrôle qualitatif*



Reference number  
ISO 14096-1:2005(E)

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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.

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ISO 14096-1 was prepared by the European Committee for Standardization (CEN) (as EN 14096-1:2003) and was adopted, under a special “fast-track procedure”, by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 5, *Radiation methods* ISO/TC, in parallel with its approval by the ISO member bodies.

ISO 14096 consists of the following parts, under the general title *Non-destructive testing — Qualification of radiographic film digitisation systems*:

- *Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control*
- *Part 2: Minimum requirements*

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EN 14096 comprises a series of European Standards for radiographic film digitisation systems which is made up of the following:

EN 14096-1, *Non-destructive testing – Qualification of radiographic film digitisation systems – Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control*

EN 14096-2, *Non-destructive testing – Qualification of radiographic film digitisation systems – Part 2: Minimum requirements*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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