



**International
Standard**

ISO 14096-2

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

**Part 2:
Minimum requirements**

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

Partie 2: Exigences minimales

**Second edition
2026-09**

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Digitisation quality classes	3
5 Minimum requirements for digitisation quality classes	4
5.1 Density range and working ranges of the radiographic film digitisation system	4
5.2 Minimum basic spatial resolution of radiographic film digitisation systems	4
5.3 Digitisation quality class depending on the radiographic testing class	4

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Foreword

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This document was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 5, *Radiographic testing*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 138, *Non-destructive testing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 14096-2:2005), which has been technically revised.

The main changes are as follows:

- terms [3.4](#) and [3.5](#) updated and terms “spatial frequency” and “modulation transfer function” removed;
- in [3.4](#), definition of term “basic spatial resolution” added;
- values in [Table 1](#), [Table 2](#) and [Table 3](#) updated;
- editorial revisions.

A list of all parts in the ISO 14096 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Radiographic film systems are used for industrial inspection by X- and gamma rays. To apply modern means of computer support for analysis, transmission and storage, the information stored in the radiographic film should be converted into digital data (digitisation). This document specifies minimum requirements to ensure that the relevant information for evaluation of the digital data is preserved during the film digitisation process. For the application of this document, ISO 14096-1 provides definitions and measurement procedures.

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