



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
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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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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.

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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.