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Second edition
2013-06-15

Non-destructive testing — Image quality of radiographs —

Part 3: Image quality classes

*Essais non destructifs — Qualité d'image des radiogrammes —
Partie 3: Classes de qualité d'image*



Reference number
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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.

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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 19232-3 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 19232-3:2004), which has been technically revised. Changes include:

- deletion of “ferrous metals” in the scope;
- update of references and definitions;
- replacement of film by detector, which includes film and digital detectors;
- use of new reduced IQI values for inspection with the gamma sources ^{192}Ir and ^{75}Se , by agreement of contracting parties and deletion of footnotes in the [Tables 1](#) to [12](#);
- correction of misprints in [Tables 5](#), [6](#), and [8](#).

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 values 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*