

DIN EN ISO 5579



ICS 77.040.20

Supersedes
DIN EN 444:1994-04

**Non-destructive testing –
Radiographic testing of metallic materials using film and X- or gamma
rays –
Basic rules (ISO 5579:2013);
English version EN ISO 5579:2013,
English translation of DIN EN ISO 5579:2014-04**

Zerstörungsfreie Prüfung –
Durchstrahlungsprüfung von metallischen Werkstoffen mit Film und Röntgen- oder
Gammastrahlen –
Grundlagen (ISO 5579:2013);
Englische Fassung EN ISO 5579:2013,
Englische Übersetzung von DIN EN ISO 5579:2014-04

Essais non destructifs –
Contrôle radiographique des matériaux métalliques au moyen de film et de rayons X
et gamma –
Règles de base (ISO 5579:2013);
Version anglaise EN ISO 5579:2013,
Traduction anglaise de DIN EN ISO 5579:2014-04

Document comprises 19 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN ISO 5579:2013) has been prepared by Technical Committee CEN/TC 138 “Non-destructive testing” (Secretariat: AFNOR, France) in collaboration with Technical Committee ISO/TC 135 “Non-destructive testing”.

The responsible German body involved in its preparation was the *Normenausschuss Materialprüfung* (Materials Testing Standards Committee), Working Committee NA 062-08-22 AA *Durchstrahlungsprüfung und Strahlenschutz*.

The DIN Standards corresponding to the International Standards referred to in this document are as follows:

ISO 5580	DIN EN 25580
ISO 9712	DIN EN ISO 9712
ISO 11699-1	DIN EN ISO 11699-1
ISO 11699-2	DIN EN ISO 11699-2
ISO 19232-1	DIN EN ISO 19232-1
ISO 19232-2	DIN EN ISO 19232-2
ISO 19232-3	DIN EN ISO 19232-3
ISO 19232-4	DIN EN ISO 19232-4

Amendments

This standard differs from DIN EN 444:1994-04 as follows:

- a) DIN EN 444:1994-04 has been largely adopted in both form and content;
- b) Tables 1 and 3 have been supplemented to include Se 75;
- c) the text of the standard has been editorially revised.

Previous editions

DIN EN 444: 1994-04

National Annex NA (informative)

Bibliography

DIN EN 25580, *Non-destructive testing — Industrial radiographic illuminators — Minimum requirements*

DIN EN ISO 9712, *Non-destructive testing — Qualification and certification of NDT personnel*

DIN EN ISO 11699-1, *Non-destructive testing — Industrial radiographic films — Part 1: Classification of film systems for industrial radiography*

DIN EN ISO 11699-2, *Non-destructive testing — Industrial radiographic films — Part 2: Control of film processing by means of reference values*

DIN EN ISO 19232-1, *Non-destructive testing — Image quality of radiographs — Part 1: Determination of the image quality value using wire-type image quality indicators*

DIN EN ISO 19232-2, *Non-destructive testing — Image quality of radiographs — Part 2: Determination of the image quality value using step/hole-type image quality indicators*

DIN EN ISO 19232-3, *Non-destructive testing — Image quality of radiographs — Part 3: Image quality classes*

DIN EN ISO 19232-4, *Non-destructive testing — Image quality of radiographs — Part 4: Experimental evaluation of image quality values and image quality tables*

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