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Third edition
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Non-destructive testing — Penetrant testing —

Part 2: Testing of penetrant materials

*Essais non destructifs — Examen par ressuage —
Partie 2: Essai des produits de ressuage*



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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification	2
4.1 Testing products	2
4.2 Sensitivity levels	2
5 Testing of penetrant materials	3
5.1 Personnel	3
5.2 Testing facilities	3
5.3 Reporting	3
5.4 Tests	4
6 Test methods and requirements	5
6.1 Appearance	5
6.2 Penetrant system sensitivity	6
6.3 Density	12
6.4 Viscosity	12
6.5 Flashpoint	12
6.6 Washability (Method A penetrants)	13
6.7 Fluorescent brightness	13
6.8 UV stability	13
6.9 Thermal stability of fluorescent brightness	14
6.10 Water tolerance	14
6.11 Corrosive properties	14
6.12 Content of sulfur and halogens (for products designated low in sulfur and halogens)	18
6.13 Residue on evaporation/solid content	19
6.14 Penetrant tolerance	19
6.15 Developer performance	19
6.16 Re-dispersability	19
6.17 Density of carrier liquid	20
6.18 Product performance (pressurized containers)	20
6.19 Particle size distribution	20
6.20 Water content	20
7 Packaging and labelling	20
Annex A (normative) Comparison of fluorescent brightness	21
Annex B (informative) Equipment for determination of the visibility of fluorescent indications	23
Bibliography	24

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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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 135, *Non-destructive testing*, Subcommittee SC 2, and by Technical Committee CEN/TC 138, *Non-destructive testing* in collaboration.

This third edition cancels and replaces the second edition (ISO 3452-2:2006), which has been technically revised.

ISO 3452 consists of the following parts, under the general title *Non-destructive testing — Penetrant testing*:

- *Part 1: General principles*
- *Part 2: Testing of penetrant materials*
- *Part 3: Reference test blocks*
- *Part 4: Equipment*
- *Part 5: Penetrant testing at temperatures higher than 50 °C*
- *Part 6: Penetrant testing at temperatures lower than 10 °C*

The main changes with respects to the previous edition are listed below:

- a) The normative references were updated;
- b) [Tables 1, 4, 8, 9](#) were corrected;
- c) A new [Clause 5.1](#) was inserted;
- d) [Clause 6.6](#) was revised;
- e) The former [Annex B](#) was deleted;
- f) Editorial changes were made.