



Non-destructive testing — Penetrant testing

Part 5: Penetrant testing at temperatures higher than 50 °C



AS ISO 3452.5:2020

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The following are represented on Committee MT-007:

- Australasian Thermographers Association
- Australian Institute for Non-Destructive Testing
- Australian Nuclear Science & Technology Organisation
- Austroads
- Engineers Australia
- Institute of Electrical Inspectors
- National Aerospace Non-Destructive Testing Board of Australia
- Weld Australia

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Preface

This Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee MT-007, Non-Destructive Testing of Metals and Materials, to supersede AS 2062—1997, *Non-destructive testing — Penetrant testing of products and components*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify—

- (a) the requirements for non-destructive testing using penetrant, particular to applications at higher temperatures (higher than 50 °C); and
- (b) the method for qualification of suitable testing products.

This Standard applies only to materials qualified for the relevant temperature range used in accordance with the manufacturer's instructions.

This Standard is identical with, and has been reproduced from, ISO 3452-5:2008, *Non-destructive testing — Penetrant testing — Part 5: Penetrant testing at temperatures higher than 50 °C*.

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