

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

  

[Save](#)

[Resource detail](#)  
[Citations](#)

## AS 1171-1998 Non-destructive testing - Magnetic particle testing of ferromagnetic products, components and structures

[View on Information Provider website](#)

Abbreviation  
AS 1171-1998  
Valid from  
05/09/1998

---

Information provider  
SAI Global  
Author  
Standards Australia  
Information type  
Australian Standard  
Format  
PDF, Hard copy

---

Cited By  
[This resource is cited by 2 documents \(show Citations\)](#)

---

### Description

This Standard specifies requirements for magnetic particle testing for the detection of surface and near-surface discontinuities in all types of ferromagnetic products, components and structures.

Also specifies requirements for magnetic particle testing process control.

Appendices give information on test methods for determining flux density and magnetizing current levels and the preparation and use of standard test pieces.

### Scope

It also specifies requirements for magnetic particle testing process control. Requirements for materials (media) are specified in ASTM E 1444.

### NOTES:

1. Advice and recommendations on information to be supplied by the purchaser at the time of enquiry and order are given in Appendix A.
2. This Standard does not indicate the method to be used for the testing of any particular product. The method and the appropriate acceptance/rejection criteria should be specified in the relevant product Standard or application code.
3. The unit symbols used in this Standard are defined in AS 1000.

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#) `{{ linkText }}`

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

## AS 1171-1998 Non-destructive testing - Magnetic particle testing of ferromagnetic products, components and structures

This document is CITED BY:

- [AS/NZS 1554.1:2014](#)

AS 1171-1998 is cited by AS/NZS 1554.1:2014 Structural steel welding - Part 1: Welding of steel structures

- [AS/NZS 5131:2016](#)

AS 1171-1998 is cited by AS/NZS 5131:2016 Structural steelwork - Fabrication and erection

[Back](#)

## AS 1171-1998 Non-destructive testing - Magnetic particle testing of ferromagnetic products, components and structures

[Show what documents this resource is CITED BY](#)

[Show what documents this resource CITES](#)

### Description

This Standard specifies requirements for magnetic particle testing for the detection of surface and near-surface discontinuities in all types of ferromagnetic products, components and structures.

Also specifies requirements for magnetic particle testing process control.

Appendices give information on test methods for determining flux density and magnetizing current levels and the preparation and use of standard test pieces.

[View on Information Provider website](#)

[AS 1171-1998 Non-destructive testing - Magnetic particle testing of ferromagnetic products, components and structures](#)

### Description

This Standard specifies requirements for magnetic particle testing for the detection of surface and near-surface discontinuities in all types of ferromagnetic products, components and structures.

Also specifies requirements for magnetic particle testing process control.

Appendices give information on test methods for determining flux density and magnetizing current levels and the preparation and use of standard test pieces.

[View on Information Provider website](#)

This resource does not cite any other resources.

## AS 1171-1998 Non-destructive testing - Magnetic particle testing of ferromagnetic products, components and structures

This resource does not CITE any other resources.

Back

Close

**Table of Contents**

Print

[Save](#)

Email

[Feedback](#)


- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)


[Feedback](#)