
Steel and iron castings — Magnetic particle testing

Pièces moulées en acier et en fer — Contrôle par magnétoscopie

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 11, *Steel castings*.

This third edition cancels and replaces the second edition (ISO 4986:2010), which has been technically revised. The main changes compared to the previous edition are as follows:

- addition of definition of a cluster of non-linear (SM) in [6.1.2](#);
- addition of “aligned (AM) indications” in [6.1.3](#), [6.2.3](#), [6.2.4](#), [7.1.3](#) and [Annex C](#)

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Introduction

This document complements the general principles of magnetic particle testing described in ISO 9934-1 with additional requirements of the steel foundry industry.

Magnetic particle testing, as well as any other non-destructive testing, is part of a general or specific assessment of the quality of a casting to be agreed between the purchaser and the manufacturer at the time of acceptance of the order.

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