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# Steel and iron castings — Liquid penetrant testing

*Pièces moulées en acier et en fer — Contrôle par ressuage*



Reference number
ISO 4987:2020(E)



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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 4987:2010), which has been technically revised. The main changes compared to the previous edition are as follows:



— isolated non-linear indications are defined in 6.1.2;

— definition of aligned linear indications in 6.1.3 is corrected

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This corrected version of ISO 4987:2020 incorporates the following corrections:

— the main title has been corrected from "Steel castings" to "Steel and iron castings";

— in the Scope, the sentence has been corrected to read: "This document specifies a method for the liquid penetrant testing of steel and iron castings".

 

# Introduction

This document complements the general principles of liquid penetrant testing described in ISO 3452-1 with additional requirements of the steel foundry industry.

Liquid penetrant 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.