



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN ISO 3452-4:1999**

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## **NON-DESTRUCTIVE TESTING - PENETRANT**

### **TESTING - PART 4: EQUIPMENT**

**(ISO 3452-4:1998)**

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Descriptors: non-destructive tests, liquid penetrant tests, test equipment

English version

**Non-destructive testing - Penetrant testing - Part 4: Equipment  
(ISO 3452-4:1998)**

Essais non destructifs - Examen par ressuage - Partie 4:  
Equipement (ISO 3452-4:1998)

Zerstörungsfreie Prüfung - Eindringprüfung - Teil 4: Geräte  
(ISO 3452-4:1998)

This European Standard was approved by CEN on 1 May 1998.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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## Foreword

The text of EN ISO 3452-4:1998 has been prepared by Technical Committee CEN/TC 138 "Non-destructive testing", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 135 "Non-destructive testing".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 1999, and conflicting national standards shall be withdrawn at the latest by June 1999.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association. This European Standard is considered to be a supporting standard to those application and product standards which in themselves support an essential safety requirement of a New Approach Directive and which make reference to this European Standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## Introduction

At the present time, one part of this Standard is published independently on the European and ISO levels, the others are under the Vienna Agreement and consequently have the ISO number at the European level. However, the Vienna agreement was applied during the work, so some European Standards have referenced them under their previous European number. The following table gives the correspondance between these different numbers.

Title	previous number*	official number
Non-destructive testing - Penetrant testing		
Part 1: General principle		EN 571-1
Part 2: Testing of penetrant materials	prEN 571-2	prEN ISO 3452-2
Part 3: Reference test blocks	prEN 571-3	EN ISO 3452-3
Part 4: Equipment	prEN 956	EN ISO 3452-4
*number under which this document is referenced in some European Standards		

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