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IRISH STANDARD

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ICS 77.040.20

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FOUNDING - RADIOGRAPHIC EXAMINATION

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Fonderie - Contrôle par radiographie

Gießereiwesen - Durchstrahlungsprüfung

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Foreword

This document (EN 12681:2003) has been prepared by Technical Committee CEN/TC 190 "Foundry Technology", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by July 2003, and conflicting national standards shall be withdrawn at the latest by July 2003.

Within its programme of work, Technical Committee CEN/TC 190 requested CEN/TC 190/WG 4.10 "Inner defects" to prepare the following standard:

EN 12681, *Founding — Radiographic examination.*

Annex A is informative.

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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Introduction

Radiography can be used to detect internal discontinuities in a casting. The discontinuities can be gas cavities, non-metallic inclusions, shrinkage, cracks, chaplets or chills or inclusions that have lower or higher densities than the parent metal.

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