



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 24883:1994

ICS 77.160

**HARDMETALS – DETERMINATION OF  
CONTENTS OF METALLIC ELEMENTS BY  
X-RAY FLUORESCENCE – SOLUTION  
METHOD (ISO 4883:1978)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



**DECLARATION**

OF

**SPECIFICATION**

ENTITLED

**HARDMETALS – DETERMINATION OF CONTENTS OF METALLIC ELEMENTS BY X-RAY  
FLUORESCENCE – SOLUTION METHOD (ISO 4883:1978)**

AS

**THE IRISH STANDARD SPECIFICATION FOR**

**HARDMETALS – DETERMINATION OF CONTENTS OF METALLIC ELEMENTS BY X-RAY  
FLUORESCENCE – SOLUTION METHOD (ISO 4883:1978)**

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Forás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Hardmetals – Determination of Contents of Metallic Elements by X-Ray Fluorescence – Solution Method (ISO 4883:1978)) Declaration, 1994.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Hardmetals – Determination of Contents of Metallic Elements by X-Ray Fluorescence – Solution Method (ISO 4883:1978). The Schedule comprises the text of EN 24883 : 1993.

(2) The said standard specification may be cited as Irish Standard/EN 24883:1994 or as I.S./EN 24883:1994.



EUROPEAN STANDARD

EN 24883:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1993

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Descriptors: Powder metallurgy, hard metals, chemical analysis, determination of content, metals, spectrophotometric analysis, X ray fluorescence spectrometry

English version

**Hardmetals - Determination of contents of metallic elements by X-ray fluorescence - Solution method (ISO 4883:1978)**

Métaux-durs - Dosage des éléments métalliques par fluorescence de rayons X - Méthode par solution (ISO 4883:1978)

Hartmetalle - Bestimmung des Gehaltes metallischer Elemente durch Röntgenfluoreszenz - Lösungsverfahren (ISO 4883:1978)

This European Standard was approved by CEN on 1993-04-02. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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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**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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## **Foreword**

In 1992 ISO 4883:1978 "Hardmetals - Determination of contents of metallic elements by X-ray fluorescence - Solution method" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 4883:1978 was submitted to the CEN Formal Vote. The result of the Formal Vote was positive.

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 October 1993, and conflicting national standards shall be withdrawn at the latest by October 1993.

According to the Internal Regulations of CEN/CENELEC, the following countries are bound to implement this European Standard :

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

## **Endorsement notice**

The text of the International Standard ISO 4883:1978 was approved by CEN as a European Standard without any modification.

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