



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 24503:1994

ICS 77.160

**HARDMETALS – DETERMINATION OF
CONTENTS OF METALLIC ELEMENTS BY
X-RAY FLUORESCENCE – FUSION METHOD
(ISO 4503:1978)**

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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 – FUSION METHOD (ISO 4503:1978)

AS

THE IRISH STANDARD SPECIFICATION FOR

HARDMETALS – DETERMINATION OF CONTENTS OF METALLIC ELEMENTS

BY X-RAY FLUORESCENCE – FUSION METHOD (ISO 4503:1978)

Forfás 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 – Fusion Method (ISO 4503:1978)) 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 – Fusion Method (ISO 4503:1978). The Schedule comprises the text of EN 24503 : 1993.

(2) The said standard specification may be cited as Irish Standard/EN 24503:1994 or as I.S./EN 24503:1994.

EUROPEAN STANDARD

EN 24503:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1993

UDC 669.018.25:620.1:543.422.8:546.3

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

English version

**Hardmetals - Determination of contents of metallic
elements by X-ray fluorescence - Fusion method
(ISO 4503:1978)**

Métaux-durs - Dosage des éléments métalliques
par fluorescence de rayons X - Méthode par
fusion (ISO 4503:1978)

Hartmetalle - Bestimmung des Gehaltes
metallischer Elemente durch Röntgenfluoreszenz
in fester Lösung (ISO 4503:1978)

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

Foreword

In 1992 ISO 4503:1978 "Hardmetals - Determination of contents of metallic elements by X-ray fluorescence - Fusion method" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 4503:1978 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 4503:1978 was approved by CEN as a European Standard without any modification.

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