



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 993-1:1995

ICS 81.080

**METHODS OF TEST FOR DENSE SHAPED  
REFRACTORY PRODUCTS - PART 1 :  
DETERMINATION OF BULK DENSITY,  
APPARENT POROSITY AND TRUE POROSITY**

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## DECLARATION

OF

SPECIFICATION

ENTITLED

METHODS OF TEST FOR DENSE SHAPED REFRACTORY PRODUCTS - PART 1 :

DETERMINATION OF BULK DENSITY, APPARENT POROSITY AND TRUE POROSITY

AS

THE IRISH STANDARD SPECIFICATION FOR

METHODS OF TEST FOR DENSE SHAPED REFRACTORY PRODUCTS - PART 1 :

DETERMINATION OF BULK DENSITY, APPARENT POROSITY AND TRUE POROSITY

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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 (Methods of test for dense shaped refractory products - Part 1: Determination of bulk density, apparent porosity and true porosity) Declaration, 1995.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Methods of test for dense shaped refractory products - Part 1 : Determination of bulk density, apparent porosity and true porosity. The Schedule comprises the text of EN 993-1: 1995.  
  
(2) The said standard specification may be cited as Irish Standard/EN 993-1:1995 or as I.S./EN 993-1:1995.



EUROPEAN STANDARD

**EN 993-1**

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Descriptors: Refractory materials, shaped refractories, dense shaped refractory products, determination, bulk density, porosity

English version

**Methods of test for dense shaped refractory products - Part 1: Determination of bulk density, apparent porosity and true porosity**

Méthodes d'essai pour produits réfractaires façonnés denses - Partie 1: Détermination de la masse volumique apparente, de la porosité ouverte et de la porosité totale

Prüfverfahren für dichte geformte feuerfeste Erzeugnisse - Teil 1: Bestimmung der Rohdichte, offenen Porosität und Gesamtporosität

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