



NSAI
Standards

Irish Standard
I.S. EN 13229:2001

Inset appliances including open fires fired by solid fuels - Requirements and test methods

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I.S. EN 13229:2001

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Deutsche Fassung

**Inset appliances including open fires fired by solid fuels - Requirements
and test methods**

Foyers ouverts et inserts à combustibles
solides - Exigences et méthodes d'essai

Kamineinsätze einschließlich offene
Kamine für feste Brennstoffe -
Anforderungen und Prüfungen

This corrigendum becomes effective on 1 August 2007 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 1 août 2007 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 1. August 2007 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

English version

A.6.2.9, replace “The values of A and p used in equation 21 are calculated as follows:” by
“The values of A and m_s used in equation 21 are calculated as follows:”

Equation (22), replace “ p ” by “ m_s ”.

In 6.3.2 Carbon monoxide emission for all other appliances with closed doors, add the following
NOTE:

“NOTE In some countries national laws also require limits for particulate and organic compound emissions, emissions under slow combustion conditions and for weighed values for emissions to be used. In some countries clean air legislation is based on the use of authorized fuels.”.

Version française

A.6.2.9, remplacer “Les valeurs de A et p utilisées dans l'équation 21 sont calculées de la manière suivante :” par

“Les valeurs de A et m_s utilisées dans l'équation 21 sont calculées de la manière suivante :”

L'équation (22), remplacer “ p ” par “ m_s ”.

Deutsche Fassung

A.6.2.9, ersetze “Die Werte für A und p aus Gleichung 21 sind folgendermaßen zu berechnen:”
durch

“Die Werte für A und m_s aus Gleichung 21 sind folgendermaßen zu berechnen:”

Gleichung (22), ersetze “ p ” durch “ m_s ”.

I.S. EN 13229:2001

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Kamine für feste Brennstoffe -
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Ce corrigendum prendra effet le 21 juin 2006 pour incorporation dans les trois versions linguistiques officielles de la EN.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN 13229:2001/AC:2006 (E/F/D)**English version**

In A.6.2.7.1, replace formula 18 by the following:

$$\begin{aligned}
 C_{\text{pmd}} = & 3,6 \times \left(0,361 + 0,008 \times \left(\frac{t_a}{1000} \right) + 0,034 \times \left(\frac{t_a}{1000} \right)^2 \right. \\
 & + \left(0,085 + 0,19 \times \left(\frac{t_a}{1000} \right) - 0,14 \times \left(\frac{t_a}{1000} \right)^2 \right) \times \left(\frac{CO_2}{100} \right) \\
 & \left. + \left(0,3 \times \left(\frac{t_a}{1000} \right) - 0,2 \times \left(\frac{t_a}{1000} \right)^2 \right) \times \left(\frac{CO_2}{100} \right) \right) \quad (18)
 \end{aligned}$$

A.6.2.1.1, Equation (4)

Replace “1,92” by “1,224”

Version française

En A.6.2.7.1, la formule 18 doit être remplacée par la formule suivante:

$$\begin{aligned}
 C_{\text{pmd}} = & 3,6 \times \left(0,361 + 0,008 \times \left(\frac{t_a}{1000} \right) + 0,034 \times \left(\frac{t_a}{1000} \right)^2 \right. \\
 & + \left(0,085 + 0,19 \times \left(\frac{t_a}{1000} \right) - 0,14 \times \left(\frac{t_a}{1000} \right)^2 \right) \times \left(\frac{CO_2}{100} \right) \\
 & \left. + \left(0,3 \times \left(\frac{t_a}{1000} \right) - 0,2 \times \left(\frac{t_a}{1000} \right)^2 \right) \times \left(\frac{CO_2}{100} \right) \right) \quad (18)
 \end{aligned}$$

A.6.2.1.1, l'équation (4)

Remplacer “1,92” par “1,224”

Deutsche Fassung

In A.6.2.7.1 ist Berechnung 18 wie folgt zu ersetzen:

$$\begin{aligned}
 C_{\text{pmd}} = & 3,6 \times \left(0,361 + 0,008 \times \left(\frac{t_a}{1000} \right) + 0,034 \times \left(\frac{t_a}{1000} \right)^2 \right. \\
 & + \left(0,085 + 0,19 \times \left(\frac{t_a}{1000} \right) - 0,14 \times \left(\frac{t_a}{1000} \right)^2 \right) \times \left(\frac{CO_2}{100} \right) \\
 & \left. + \left(0,3 \times \left(\frac{t_a}{1000} \right) - 0,2 \times \left(\frac{t_a}{1000} \right)^2 \right) \times \left(\frac{CO_2}{100} \right) \right) \quad (18)
 \end{aligned}$$

A.6.2.1.1, Gleichung (4)

Ersetzen "1,92" durch "1,224".

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EUROPEAN STANDARD

EN 13229:2001/A2:2004/AC

NORME EUROPÉENNE

June 2006

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Kamineinsätze einschließlich offene
Kamine für feste Brennstoffe -
Anforderungen und Prüfungen

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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I.S. EN 13229:2001

EN 13229:2001/A2:2004/AC:2006 (E/F/D)

English version

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“The values of A and m_s used in equation 21 are calculated as follows.”

Equation (22), replace “p” by “ m_s ”.

Version française

A.6.2.9, remplacer “Les valeurs de A et p utilisées dans l'équation 21 sont calculées de la manière suivante :” par

“Les valeurs de A et m_s utilisées dans l'équation 21 sont calculées de la manière suivante :”

L'équation (22), remplacer “p” par “ m_s ”.

Deutsche Fassung

A.6.2.9, ersetze “Die Werte für A und p aus Gleichung 21 sind folgendermaßen zu berechnen.”

durch

“Die Werte für A und m_s aus Gleichung 21 sind folgendermaßen zu berechnen.”

Gleichung (22), ersetze “p” durch “ m_s ”.

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Foyers ouverts et inserts à combustibles solides -
Exigences et méthodes d'essai

Kamineinsätze einschließlich offene Kamine für feste
Brennstoffe - Anforderungen und Prüfungen

This amendment A2 modifies the European Standard EN 13229:2001; it was approved by CEN on 18 June 2004.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

I.S. EN 13229:2001

EN 13229:2001/A2:2004 (E)

Foreword

This document (EN 13229:2001/A2:2004) has been prepared by Technical Committee CEN/TC 295 "Residential solid fuel burning appliances", the secretariat of which is held by BSI.

This Amendment to the European Standard EN 13229:2001 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2005, and conflicting national standards shall be withdrawn at the latest by May 2006.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directives.

For relationship with EU Directives, see informative Annex ZA, which is an integral part of this document.

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I.S. EN 13229:2001

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Inset appliances including open fires fired by solid fuels - Requirements and test methods

Foyers ouverts et inserts à combustibles solides -
Exigences et méthodes d'essai

Kamineinsätze einschließlich offene Kamine für feste
Brennstoffe - Anforderungen und Prüfung

This amendment A1 modifies the European Standard EN 13229:2001; it was approved by CEN on 6 December 2002.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 13229:2001/A1:2003) has been prepared by Technical Committee CEN/TC 295 "Residential solid fuel burning appliances", the secretariat of which is held by BSI.

This Amendment to the European Standard EN 13229:2001 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

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EUROPEAN STANDARD

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Inset appliances including open fires fired by solid fuels - Requirements and test methods

Foyers ouverts et inserts à combustibles solides -
Exigences et méthodes d'essai

Kamineinsätze einschließlich offene Kamine für feste
Brennstoffe - Anforderungen und Prüfung

This European Standard was approved by CEN on 7 April 2001.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

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1 Scope

This European Standard specifies requirements relating to the design, manufacture, construction, safety and performance (efficiency and emission), instructions and marking together with associated test methods for type testing, residential open fires and inset appliances fired by solid fuel.

This standard is applicable to hand fired appliances which are listed under categories 1b, 1c, 2b, 2c, 3a, 3b and 3c of Table 1. The surround of the appliances is integrated with the building with the exception of free-standing appliances and inset appliances which are installed into a fireplace recess or enclosure.

This standard is not applicable to appliances with fan assisted combustion air.

These appliances provide heat into the space where they are installed. Additionally, where fitted with a boiler, they also provide domestic hot water and/or central heating. They may burn either solid mineral fuels, peat briquettes, natural or manufactured wood logs or be multi-fuel in accordance with the appliance manufacturer's instructions.

Open fireplace components such as a bottomgrate with associated firefront which the manufacturer supplies for installation into an existing heat resistant, insulated firebox are not covered by this standard.

Table 1 - Categorisation of appliances

	a)	b)	c)
	Freestanding or inset appliances without functional modification	Freestanding or inset appliances which have functional modification	Inset appliances for fireplace recess and enclosure
1 appliances operating with firedoors closed	EN 13240	EN 13229	EN 13229
2 appliances operating with firedoors closed or open	EN 13240	EN 13229	EN 13229
3 open fires without firedoors	EN 13229	EN 13229	EN 13229
NOTE Without functional modification means a modification of the surround of an appliance, that only changes the transmission of heat, without effect on combustion.			

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