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NSAI Standards

Irish Standard
I.S. EN 50465:2008

Gas appliances - Fuel cell gas heating appliances - Fuel cell gas heating appliance of nominal heat input inferior or equal to 70 kW

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50465

October 2008

ICS 27.070; 97.100.99

English version

Gas appliances - Fuel cell gas heating appliances - Fuel cell gas heating appliance of nominal heat input inferior or equal to 70 kW

Appareils fonctionnant au gaz - Appareils à gaz produisant de la chaleur au moyen d'une pile à combustible - Appareil de chauffage produisant de la chaleur au moyen d'une pile à combustible dont le débit calorifique nominal est inférieur ou égal à 70 kW

Gasgeräte - Brennstoffzellen-Gasheizgeräte - Brennstoffzellen-Gasheizgerät mit einer Nennwärmebelastung kleiner oder gleich 70 kW

This European Standard was approved by CENELEC on 2008-05-01.

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Foreword

This European Standard was prepared by the CEN/CLC/JWG FCGA, “Fuel cell gas appliances”.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50465 on 2008-05-01.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2009-05-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2011-05-01

This European Standard has been prepared under Mandate M/349 given to CEN and CENELEC by the European Commission and the European Free Trade Association and covers essential requirements of EC Directive 90/396/EEC (see Annex ZZ, which is an integral part of this document).

The essential requirement of EC Directive 90/396/EEC relating to "rational use of energy" is defined by the maximum quantity of energy recovered (thermal and electrical energy output) from the gas energy input.

This European Standard deals with a very early state of new technology. The requirements of this European Standard are not intended to constrain innovations. When considering materials, designs or constructions not specifically dealt with in this European Standard the alternatives shall be evaluated as to their ability to yield levels of safety and performance equivalent to those prescribed by this European Standard. This can be done by a risk assessment. Furthermore not all requirements could be described in detail up to now. This is valid both for the requirements and the test procedures. This will be done in later revisions of this European Standard. Guidance to fuel cell stacks and their performance may be found in EN 62282-2.

Due to the development of new technology other solutions than those described in this standard are possible if these solutions provide at least an equivalent level of safety.

Matters related to quality assurance systems, tests during production, and certificates of conformity of auxiliary devices are not dealt with in this European Standard.

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