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STANDARD

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Domestic cooking appliances burning gas fuel - Part 1: Safety- General

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Mauritius Standards Bureau
Moka

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MS EN 30-1-1:1998

National foreword

This Mauritian Standard is identical with the European Standard **EN 30-1-1:1998**, *Domestic cooking appliances burning gas fuel - Part 1: Safety- General*. It was adopted by the Mauritius Standards Bureau in 2008 on the recommendation of the **Mechanical Engineering Standards Committee** through its **Subcommittee on Household Electrical Appliances** and approved by the **Standards Council** on **31 October 2007**. It was notified in the **Gazette** on **09 February 2008***.

For the purposes of this Mauritian Standard the following changes should be made:

- (i) the words 'European Standard' should be read as 'Mauritian Standard';
- (ii) the 'decimal comma' should be replaced by the 'decimal point';

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Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 49, Gas cooking appliances, the Secretariat of which was held by AFNOR and is now held by UNI, according to the reallocation decided by Resolution BT 50/1996.

This European Standard supersedes EN 30:1979, EN 30:1979/A2:1980, EN 30:1979/A3 MOD.2:1995 and HD 1003:1990.

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of an identical text or by endorsement, at the latest by September 1998 and conflicting national standards shall be withdrawn at the latest by September 1998.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of the EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

Within this scope, Part 1-1 of this standard, *Safety*, is supplemented by Part 1-2: *Rational use of energy*. These two parts replace EN 30:1985.

Matters relating to quality assurance systems, production testing and certificates of conformity, including those for auxiliary devices, are not dealt with in this standard.

Requirements concerning the emission of NO_x are not mentioned in this European Standard, taking account of the usage of the appliances and their low output, their contribution to environment pollution is negligible.

NOTE For countries requesting special categories (specified in EN 437:1993), the absence of specific information concerning paragraphs A.3.3 and A.3.4 implies that the general requirements (see 5.2.3 and 5.1.1) also apply for particular categories.

According to the CEN/CENELEC International Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Foreword to amendment A1

This amendment to EN 30-1-1:1998/A1:1999 to EN 30-1-1:1998 has been prepared by Technical Committee CEN/TC 49, Gas cooking appliances, the Secretariat of which is held by UNI.

This amendment to the European Standard EN 30-1-1:1998 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 1999, and conflicting national standards shall be withdrawn at the latest by September 1999.

This amendment to the European Standard EN 30-1-1:1998 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 Directive(s).

NOTE The test gases, test pressures and appliance categories have been brought into line with those of EN 437/A1 and, in particular, the appliance categories which were not used have been deleted.

Foreword to amendment A2

This document EN 30-1-1:1998/A2:2003 has been prepared by Technical Committee CEN/TC 49, Gas cooking appliances, the Secretariat of which is held by UNI.

This amendment to the European Standard EN 30-1-1:1998 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2004, and conflicting national standards shall be withdrawn at the latest by February 2004.

This amendment to the European Standard EN 30-1-1:1998 and A1:1999 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 Directive(s).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Foreword to amendment A3

This document (EN 30-1-1:1998/A3:2005) has been prepared by Technical Committee CEN/TC 49 “Gas cooking appliances”, the secretariat of which is held by UNI.

This Amendment to the European Standard EN 30-1-1:1998 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2005, and conflicting national standards shall be withdrawn at the latest by December 2005.

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 Directive(s).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

PREVIEW

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Introduction

This amendment has been prepared by CEN/TC 49 in order to ensure that the testing is as close as possible to that which applies to appliances having a single hotplate burner with a heat input in excess of 4,2 kW (EN 30-1-1:1998/A2) and so as not to alter the testing of appliances that do not have hotplate burners with heat inputs in excess of 4,2 kW.

This amendment is based on the text of EN 30-1-1 as amended by its A2.

1 Scope

This standard specifies the construction and performance characteristics as well as the requirements and methods of test for the safety and marking of freestanding and built-in domestic cooking appliances burning the combustible gases given in 4.1 according to the categories specified in 4.2, referred to in the text as “appliances”.

This standard covers the following types of domestic cooking appliances, as defined in Clause 3, and belonging to the classes defined in 4.3 (see Table 1):

- independent freestanding hotplates;
- independent built-in hotplates;
- independent hotplates and grills;
- table cookers;
- freestanding ovens;
- built-in ovens;
- freestanding or built-in grills;
- griddles;
- freestanding cookers;
- built-in cookers.

Unless specifically excluded hereafter, this standard applies to these appliances or their component parts, whether or not the component parts are independent or incorporated into a single appliance, even if the other heating components of the appliance use electrical energy (e.g. combined gas-electric cookers).

This standard includes requirements covering the electrical safety of equipment incorporated in the appliance that is associated with the use of gas. It does not include requirements covering the electrical safety of electrically-heated component parts of their associated equipment¹⁾.

This standard does not apply to:

- outdoor appliances;
- appliances connected to a combustion product’s evacuation duct;
- appliances having a pyrolytic gas oven;
- appliances having covered burners which are not in conformity with the constructional requirements of 5.2.8.2.2;
- appliances incorporating flame supervision devices and having an automatic ignition device for which the duration of the ignition attempt is limited by design;
- appliances equipped with a burner that is periodically ignited and extinguished under the control of an automatic on/off device;
- appliances equipped with an oven and/or with a grill having a fan;
- either for the supply of combustion air or for the evacuation of the products of combustion, or for the circulation of the products of combustion within the compartments;
- appliances supplied at pressures greater than those defined in 7.1.2;

A3 *Text deleted* **A3**

This standard does not cover the requirements relating to third family gas cylinders, their regulators and their connection.

This standard only covers type testing.

¹⁾ Refer to the electrical safety rules.